

User Manual

Aptean Food and

Beverage ERP

Shop Floor Production

Product Documentation



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Shop Floor Production

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Release notes

Article • 12/24/2025 • 5 min read

To view what's new or changed in each release of the Aptean Shop Floor Production extension, select the specific release version.

Microsoft AppSource

Date	Release version	Description
December 2025	2512.4.0.0	Stability release
December 2025	2512.3.0.0	Platform release
November 2025	2512.2.0.0	Stability release
October 2025	2512.1.0.0	Stability release
October 2025	2512.0.0.0	Feature release
October 2025	2511.0.0.0	Feature release
October 2025	2510.1.0.0	Stability release
September 2025	2510.0.0.0	Feature release
August 2025	2509.2.0.0	Stability release
August 2025	2509.1.0.0	Stability release
July 2025	2509.0.0.0	Feature release
July 2025	2508.0.0.0	Feature release
July 2025	2507.2.0.0	Stability release
July 2025	2507.1.0.0	Stability release
July 2025	2507.0.0.0	Feature release
July 2025	2506.6.0.0	Platform release
July 2025	2506.5.0.0	Platform release
June 2025	2506.4.0.0	Stability release



May 2025	2506.3.0.0	Stability release
May 2025	2506.2.0.0	Stability release
May 2025	2506.1.0.0	Stability release
April 2025	2506.0.0.0	Feature release
April 2025	2505.2.0.0	Stability release
April 2025	2505.1.0.0	Stability release
April 2025	2505.0.0.0	Feature release
April 2025	2504.3.0.0	Stability release
March 2025	2504.2.0.0	Stability release
March 2025	2504.1.0.0	Stability release
March 2025	2504.0.0.0	Feature release
March 2025	2503.5.0.0	Stability release
March 2025	2503.4.0.0	Stability release
March 2025	2503.3.0.0	Platform release
February 2025	2503.2.0.0	Stability release
February 2025	2503.1.0.0	Stability release
February 2025	2503.0.0.0	Feature release
February 2025	2502.4.0.0	Stability release
February 2025	2502.3.0.0	Stability release
January 2025	2502.2.0.0	Stability release
January 2025	2502.1.0.0	Stability release
January 2025	2502.0.0.0	Feature release
January 2025	2501.0.0.0	Feature release
December 2024	2408.0.0.0	Feature release
December 2024	2407.1.0.0	Stability release



November 2024	<u>2407.0.0.0</u>	Feature release
November 2024	<u>2406.2.0.0</u>	Stability release
November 2024	<u>2406.1.0.0</u>	Stability release
November 2024	<u>2406.0.0.0</u>	Feature release
November 2024	<u>2405.0.0.0</u>	Feature release
October 2024	<u>2404.10.0.0</u>	Stability release
October 2024	<u>2404.9.0.0</u>	Stability release
October 2024	<u>2404.8.0.0</u>	Stability release
October 2024	<u>2404.7.0.0</u>	Stability release
October 2024	<u>2404.6.0.0</u>	Stability release
September 2024	<u>2404.5.0.0</u>	Stability release
September 2024	<u>2404.4.0.0</u>	Stability release
September 2024	<u>2404.3.0.0</u>	Stability release
September 2024	<u>2404.2.0.0</u>	Stability release
August 2024	<u>2404.1.0.0</u>	Stability release
August 2024	<u>2404.0.0.0</u>	Feature release
July 2024	<u>2403.1.0.0</u>	Stability release
July 2024	<u>2403.0.0.0</u>	Feature release
June 2024	<u>2402.3.0.0</u>	Stability release
June 2024	<u>2402.2.0.0</u>	Stability release
June 2024	<u>2402.1.0.0</u>	Stability release
June 2024	<u>2402.0.0.0</u>	Feature release
June 2024	<u>2401.11.0.0</u>	Stability release
May 2024	<u>2401.10.0.0</u>	Stability release
May 2024	<u>2401.9.0.0</u>	Stability release



May 2024	2401.8.0.0	Stability release
April 2024	2401.7.0.0	Stability release
March 2024	2401.6.0.0	Stability release
February 2024	2401.5.0.0	Stability release
February 2024	2401.4.0.0	Stability release
February 2024	2401.3.0.0	Stability release
January 2024	2401.2.0.0	Stability release
January 2024	2401.1.0.0	Stability release
January 2024	2401.0.0.0	Feature release
December 2023	2304.3.0.0	Stability release
December 2023	2304.2.0.0	Stability release
November 2023	2304.1.0.0	Stability release
November 2023	2304.0.0.0	Feature release
November 2023	2303.0.0.0	Feature release
November 2023	2302.2.0.0	Stability release
October 2023	2302.1.0.0	Stability release
October 2023	2302.0.0.0	Feature release
September 2023	2301.1.0.0	Stability release
September 2023	2.6.119549.0	Stability release
August 2023	2.5.112750.0	Stability release
July 2023	2.4.110715.0	Stability release
July 2023	2.3.108523.0	Stability release
July 2023	2.2.107199.0	Feature release
May 2023	2.1.101304.0	Stability release
May 2023	2.0.100805.0	Stability release



April 2023	1.16.95070.0	Stability release
April 2023	1.15.93915.0	Stability release
April 2023	1.14.93476.0	Stability release
March 2023	1.13.90079.0	Stability release
March 2023	1.13.88966.0	Stability release
March 2023	1.12.88238.0	Stability release
March 2023	1.12.87391.0	Stability release
January 2023	1.11.78154.0	Stability release
January 2023	1.10.74894.0	Stability release
December 2022	1.9.73602.0	Stability release
October 2022	1.8.61785.0	Feature release
May 2022	1.7.49072.0	Feature release
May 2022	1.6.48123.0	Stability release
March 2022	1.5.46243.0	Stability release

Microsoft Power Apps

Date	Release version	Description
July 2025	3.29.248140.0	Stability release
April 2025	3.28.227079.0	Stability release
February 2025	3.27.210616.0	Stability release
December 2024	3.26.201933.0	Stability release
November 2024	3.25.196356.0	Stability release
September 2024	3.24.185825.0	Stability release
August 2024	3.23.180059.0	Stability release
August 2024	3.22.175169.0	Stability release



July 2024	3.21.172022.0	Stability release
July 2024	3.20.170859.0	Stability release
June 2024	3.19.169032.0	Stability release
June 2024	3.18.166845.0	Stability release
June 2024	3.17.166039.0	Feature release
June 2024	3.16.164206.0	Stability release
May 2024	3.15.162117.0	Stability release
April 2024	3.14.157470.0	Stability release
April 2024	3.12.154734.0	Stability release
March 2024	3.11.149287.0	Stability release
March 2024	3.10.148443.0	Stability release
February 2024	3.8.146079.0	Stability release
February 2024	3.8.145675.0	Stability release
February 2024	3.7.142319.0	Stability release
February 2024	3.6.140870.0	Stability release
January 2024	3.5.139456.0	Stability release
January 2024	3.4.137900.0	Stability release
November 2023	3.3.131089.0	Feature release
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July 2023	2.2.109215.0	Stability release
July 2023	2.2.108148.0	Stability release



June 2023	2.1.104012.0	Stability release
June 2023	2.1.102651.0	Stability release
May 2023	2.0.100866.0	Stability release
May 2023	1.7.96796.0	Stability release
April 2023	1.7.95092.0	Stability release
April 2023	1.7.93939.0	Stability release
April 2023	1.7.91977.0	Stability release
March 2023	1.7.89440.0	Stability release
March 2023	1.6.88684.0	Stability release
March 2023	1.5.88247.0	Stability release
February 2023	1.5.79364.0	Stability release
January 2023	1.5.75047.0	Stability release
December 2022	1.4.70093.0	Stability release
December 2022	1.4.68785.0	Stability release



2512.4.0.0

Release Note • 12/24/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2512.4.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.29.248140.0](#).



2512.3.0.0

Release Note • 12/4/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2512.3.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.29.248140.0](#).



2512.2.0.0

Release Note • 11/26/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2512.2.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.29.248140.0](#).



2512.1.0.0

Release Note • 10/22/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, the batch display custom column related to the production order has been removed to improve performance.



2512.0.0.0

Release Note • 10/22/2025 • 1 min read

Features

With the features added in this release of the Aptean Shop Floor Production extension,

- The system automatically retrieves and displays compliance PDF documents on the **Work Instruction Worksheet** page for ingredients linked through routing link code. For more information, see [Work instructions worksheet](#).
- The system automatically queries and displays master manufacturing record PDF documents for finished goods. This allows production to have access to the documentation during production execution. For more information, see [Work instructions worksheet](#).

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2512.0.0.0](#).

Integrations

The Aptean Shop Floor Production extension has been integrated with the Aptean [Compliance Documents](#) extension. For more information, see [Integration with Aptean Compliance Documents](#).

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.29.248140.0](#).



2511.0.0.0

Release Note • 10/22/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2511.0.0.0](#).

Resolved issues

The following issue has been resolved in this release.

ID	Description
299176	The system fails to update the Bin Code field value on the Production Component Line page based on the To-Production Bin Code field value on the associated work center even when the substitute does not have an open bin relation configured.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.29.248140.0](#).



2510.1.0.0

Release Note • 10/22/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2510.1.0.0](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.29.248140.0](#).



2510.0.0.0

Release Note • 9/24/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2510.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.29.248140.0](#).



2509.2.0.0

Release Note • 8/27/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2509.2.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.29.248140.0](#).



2509.1.0.0

Release Note • 8/21/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2509.1.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.29.248140.0](#).



2509.0.0.0

Release Note • 7/30/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2509.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2508.0.0.0

Release Note • 7/30/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2508.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2507.2.0.0

Release Note • 7/2/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2507.2.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2507.1.0.0

Release Note • 7/2/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
300197	<p>The system displays an incorrect notification message on the Role Center prompting to upgrade to the higher version of Aptean Process Manufacturing extension even though it is not installed. Additionally, the system displays incorrect notification when the following extensions are not installed:</p> <ul style="list-style-type: none">• Aptean Advanced Comments• Aptean Labelling• Aptean Packaging• Aptean Lot Management

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2507.0.0.0

Release Note • 7/2/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2507.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2506.6.0.0

Release Note • 7/2/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, the *OnBeforeUpdateProductionOrderShopFloorProductionStatus* event has been added to the *ProductionOrderFunctions14FDW* codeunit to support custom logic before updating the shop floor production status and prevent the standard update by setting the *IsHandled* flag when required in the Aptean Shop Floor Production extension.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2506.5.0.0

Release Note • 7/2/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, the *IsHandled* flag is added and the *OnBeforePostingOutput* event is made extensible with additional fields in the *SFPBCProductionReg14FDW* codeunit to skip output posting for specific production orders.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2506.4.0.0

Release Note • 6/4/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2506.4.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2506.3.0.0

Release Note • 5/21/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2506.3.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2506.2.0.0

Release Note • 5/15/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2506.2.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2506.1.0.0

Release Note • 5/7/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2506.1.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2506.0.0.0

Release Note • 4/23/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2506.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2505.2.0.0

Release Note • 4/23/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2505.2.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2505.1.0.0

Release Note • 4/16/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2505.1.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.28.227079.0](#).



2505.0.0.0

Release Note • 4/9/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2505.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2504.3.0.0

Release Note • 4/9/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2504.3.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2504.2.0.0

Release Note • 3/28/2025 • 1 min read

Enhancements/Modifications

The translation files for the Swedish (sv-SE) language have been updated with standard texts for better readability.

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2504.1.0.0

Release Note • 3/26/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, the **Default Output Quantity (Base Unit of Measure)** field value on the **Item Card** page will automatically transfer to the Aptean Shop Floor Production Power App when registering the output.

UI/UX changes

The **Default Output Quantity (Base Unit of Measure)** field has been added to the **Item Card** page.

Resolved issues

The following issue has been resolved in this release.

ID	Description
276998	The system fails to display the Default Output Quantity (Base Unit of Measure) field value on the Item Card page.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2504.0.0.0

Release Note • 3/26/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2504.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2503.5.0.0

Release Note • 3/26/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2503.5.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2503.4.0.0

Release Note • 3/12/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2503.4.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2503.3.0.0

Release Note • 3/5/2025 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, common warnings in various objects have been removed or marked as obsolete, as part of a code cleanup activity.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2503.2.0.0

Release Note • 2/28/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2503.2.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2503.1.0.0

Release Note • 2/25/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2503.1.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2503.0.0.0

Release Note • 2/25/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2503.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2502.4.0.0

Release Note • 2/21/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2502.4.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2502.3.0.0

Release Note • 2/11/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2502.3.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.27.210616.0](#).



2502.2.0.0

Release Note • 1/29/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2502.2.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.26.201933.0](#).



2502.1.0.0

Release Note • 1/15/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2502.1.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.26.201933.0](#).



2502.0.0.0

Release Note • 1/10/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2502.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.26.201933.0](#).



2501.0.0.0

Release Note • 1/8/2025 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Quality Control (QCA) for Food and Beverage extension. To know more, see [What's new in Quality Control, version 2501.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.26.201933.0](#).



2408.0.0.0

Release Note • 12/9/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2408.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.25.196356.0](#).



2407.1.0.0

Release Note • 12/3/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2407.1.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.25.196356.0](#).



2407.0.0.0

Release Note • 11/26/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2407.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.25.196356.0](#).



2406.2.0.0

Release Note • 11/20/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2406.2.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.24.185825.0](#).



2406.1.0.0

Release Note • 11/14/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2406.1.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.24.185825.0](#).



2406.0.0.0

Release Note • 11/7/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2406.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.24.185825.0](#).



2405.0.0.0

Release Note • 11/5/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the Aptean Feature Control extension. To know more, see [Highlights of Feature Control, version 2401.0.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.24.185825.0](#).



2404.10.0.0

Release Note • 10/29/2024 • 1 min read

Enhancements/Modifications

The translation file for the Dutch (nl-NL) language has been updated with standard texts for better readability.

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.24.185825.0](#).



2404.9.0.0

Release Note • 10/28/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2404.9.0.0](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.24.185825.0](#).



2404.8.0.0

Release Note • 10/24/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2404.8.0.0.](#)

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.24.185825.0](#).



2404.7.0.0

Release Note • 10/22/2024 • 1 min read

Enhancements/Modifications

The translation files for the Danish (da-DK) language have been updated with standard texts for better readability.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.24.185825.0](#).



2404.6.0.0

Release Note • 10/7/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to ensure interoperability with the recent changes in the Aptean Shop Floor Production (BC) extension. To know more, see [What's new in Shop Floor Production \(BC\), version 2404.6.0.0.](#)



2404.5.0.0

Release Note • 9/24/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
224782	An error occurs on the Input screen while finishing a production order in the Aptean Shop Floor Production Power App. This issue arises when consuming a component item with a non-base unit of measure.
215614	The system incorrectly lists empty license plates for consumption in the License Plate No. dropdown on the Input screen.
230748	An error occurs when attempting to change the status to <i>Finished</i> on the Released Production Order page in BC. The issue arises when a production order is marked as finished in the Power App, but the corresponding status is not updated in the Shop Floor Control Status field of the production order routing.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.24.185825.0](#).



2404.4.0.0

Release Note • 9/19/2024 • 1 min read

Enhancements/Modifications

This extension has been updated to automatically generate quality checks during the production process in Business Central when the output is registered from the Aptean Shop Floor Production Power App. This enhancement address the issue reported in the work item #205644.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.23.180059.0](#).



2404.3.0.0

Release Note • 9/16/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production (BC) we bring the Shop Floor Production application from PowerApp platform to Business Central environment. To know more, see [What's new in the Aptean Shop Floor Production \(BC\), version 2404.3.0.0](#).

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.23.180059.0](#).



2404.2.0.0

Release Note • 9/12/2024 • 2 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, modifications have been made to accommodate the following changes:

- Enhanced application interaction: Procedures have been added to enhance the application interaction, improve upgrade tag management, streamline upgrade and installation processes, and provide additional flexibility by managing upgrades on a per-company and per-database basis.
- Application area refresh: Updates have been implemented to improve the application area refresh process by integrating a new procedure into the *Enable* codeunit.
- Improved management of install and upgrade code: The *Install* and *Upgrade* codeunits have been updated to streamline the handling of installation, reinstallation, and upgrade processes, ensuring smoother transitions and minimizing disruptions during these operations.
- Centralized license management procedures: The existing license management codeunit has been modified to use centralized license management procedures, further reducing the need for application-specific adjustments.
- Enhancements have been made to update the process within the application to handle the *User Group* and *User Group Permission Set* tables. This change ensures compatibility with current and future versions of Business Central, even when the *User Group* and *User Group Permission Set* tables are deprecated.

 Note

The *User Group* and *User Group Permission Set* tables are deprecated in Business Central, version 25.

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.23.180059.0](#).



2404.1.0.0

Release Note • 8/29/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
219583	A permission error occurs when the system tries to update the lines on the Lot Origin Details FastTab of the Lot No. Information Card page.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.23.180059.0](#).



2404.0.0.0

Release Note • 8/20/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, when you create a production order and select a specific production scenario, the system automatically populates the **Quantity** field value on the **Register Output** page. This value is initially inherited from the default output quantity specified on the **Item Production Scenarios** page. If the default output quantity is not defined, the system will instead use the value from the **Default Output Quantity (Base Unit of Measure)** field on the **Item Card** page.

Note

- The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.22.175169.0](#).
- This release has been implemented in correlation with the enhancement made in version [2.4.110715.0](#).



2403.1.0.0

Release Note • 7/17/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor extension, when the connection with Business Central is lost, the input and output registration activities are blocked. This enhancement addresses the issue reported in bug IDs #216153 and #215444.

Resolved issues

The following issues have been resolved in this release.

ID	Description
217076	The barcode and QR code are not visible for the production order in the Aptean Shop Floor Production Power App.
220662	An error occurs when registering the output for a lot-tracked item if the Aptean Lot Management extension is not installed, causing the system to fail to generate the lot number.
215444	In BC version 24 and later, the enum values in the Display Barcode on Production Order Screen and Lot No. Per fields on the Shop Floor Production Setup page behave differently due to schema version.
216153	The system loses connection to Business Central in the Aptean Shop Floor Production Power App when navigating to the Aptean Quality Control extension and then returning to the Aptean Shop Floor Production extension.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.21.172022.0](#).



2403.0.0.0

Release Note • 7/10/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, when you execute the **Generate new license plate no.** action on the **Register Output** screen of the Aptean Shop Floor Production Power App, the license plate number is generated based on the settings of the **Company SSCC Setup** or **Customer SSCC Setup** page (when a production order has a reservation entry for a sales order with the associated customer). This also depends on the value of the **Use SSCC Number Format** toggle on the **Package Tracking** FastTab of the **Item Tracking Code Card** page. To know more, see [Output registration](#).

 Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.20.170859.0](#).



2402.3.0.0

Release Note • 6/28/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
211374	An error occurs in the Aptean Shop Floor Production Power App while the system tries to retrieve the sales comment lines when the Aptean Advanced Comments extension is not installed but available together with the Shop Floor Production Power App in a bundle.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.19.169032.0](#).



2402.2.0.0

Release Note • 6/20/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
213154	The co-product line is not displayed with the item line on the Output screen of the Aptean Shop Floor Production Power App.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.18.166845.0](#).



2402.1.0.0

Release Note • 6/28/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
199647	Permission errors occur while performing production activities in the Aptean Shop Floor Production Power App when users have <i>Basic</i> permission sets for the integrated extensions.

Note

The minimum version required for the Aptean Shop Floor Production Power App to operate with this release is [3.17.166039.0](#).



2402.0.0.0

Release Note • 6/12/2024 • 1 min read

Enhancements/Modifications

You can set up the options on the **Output Expiration Date Calc.** field on the **Shop Floor Production Setup** page for the calculation of the expiration date in the Aptean Shop Floor Production Power App. To know more, see [Shop Floor Production Setup](#). This enhancement addresses the issue reported in the bug ID #186511 & #177965.

Note

For this functionality, it is important that the Aptean Shop Floor Production Power App is updated to version [3.17.166039.0](#).

UI/UX changes

The **Output Expiration Date Calc.** field is added to the **Shop Floor Production Setup** page.

Resolved issues

The following issue has been resolved in this release.

ID	Description
186511/177965	When posting the production order, the Expiration Date field is calculated incorrectly based on the routing start date of the production order instead of the system date in Aptean Shop Floor Production Power App.



2401.11.0.0

Release Note • 6/3/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
196992	An error occurs while registering the output for the production order in the Shop Floor Production Power App. This happens when the Aptean Process Manufacturing extension is not installed but available together with the Shop Floor Production Power App in a bundle.



2401.10.0.0

Release Note • 5/30/2024 • 1 min read

UI/UX changes

The **Output Expiration Date Calc.** field on the **Shop Floor Production Setup** page, associated with a feature currently under development, was inadvertently presented in the previous release (2401.9.0.0). This field has been removed to avoid any ambiguity. This update addresses the issue reported in the bug ID #209043.



2401.9.0.0

Release Note • 5/24/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, quality checks and quality alerts are created only when you register an initial output with a **Post** trigger. If you register another output with the same production order and lot number or license plate number, no new alert is made to prevent duplicate quality alerts.

Resolved issues

The following issues have been resolved in this release.

ID	Description
180401	The Shipping Container field is not automatically updated with the default packaging code while selecting the Generate new license plate no. action on the Register Output screen.
194324	When posting additional output via the Shop Floor Production Power App, despite the Lot No. Per field being set to <i>Production Order</i> on the Shop Floor Production Setup page, the system generates a new lot number instead of utilizing the pre-assigned one from the item tracking lines, leading to duplicated lot numbers.
190829	The Quality Checks field is not correctly updated on the Shop Floor Production Power App screen when the Trigger Action Type is set as <i>Recurring (Output Quantity)</i> on the Quantity Triggers page in Business Central.



2401.8.0.0

Release Note • 5/8/2024 • 1 min read

Enhancements/Modifications

The Swedish translation files have been updated with standard texts for better readability.



2401.7.0.0

Release Note • 4/30/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
194943	The Expiration date field on the Register Output screen (Power Apps) is updated with a value even when the Use Expiration Dates toggle is turned off on the Item Tracking Code Card page for the associated output item in Business Central.



2401.6.0.0

Release Note • 3/18/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
183951	The Lot No. and Expiration Date defined on the Item Tracking Lines for an output item on the Released Production Order page in Business Central does not show on the Register Output screen of the Shop Floor Production Power App.



2401.5.0.0

Release Note • 2/28/2024 • 1 min read

Enhancements/Modifications

With this enhancement you can now edit the **License Plate No.** in the Shop Floor Production Power App, when the **Allow Manual Input of License Plate Number** toggle on the **Shop Floor Production Setup** page of Business Central is turned on.

UI/UX Changes

The **Allow Manual Input of License Plate Number** toggle is added on the **Shop Floor Production Setup** page.



2401.4.0.0

Release Note • 2/9/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
173459	In Business Central, on the No. Series page, when the number series for an item lot number is selected as Manual Nos. and the Register output action is executed in the Shop Floor Production Power App, the system displayed an error. For more information, see Shop Floor Production Setup .



2401.3.0.0

Release Note • 2/8/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, you can:

- Create and use routings with a Work Center that has associated Machine Centers. To know more, see [To create a routing](#).
- Filter the list of Machine Centers associated with a specific Work Center on the Aptean Shop Floor Production Power Apps.



2401.2.0.0

Release Note • 1/25/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
168448	An error occurs on the Production Order screen when attempting to create a production order with Source as Families, as it is not supported in the Shop Floor Production Power App.



2401.1.0.0

Release Note • 1/12/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
91498	Upon executing the Generate new lot no. action in the Lot no. field on the Register Output screen of Shop Floor Production Power App, the system fails to generate a new lot number if the Aptean Lot Management extension is not installed.



2401.0.0.0

Release Note • 1/10/2024 • 1 min read

Enhancements/Modifications

Modifications were made for this extension to accommodate the changes in the Aptean Process Manufacturing extension. To know more, see [What's new in version 2401.0.0.0](#).



2304.3.0.0

Release Note • 12/13/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
162517	When SHOPFLPRODBASICFDW is selected in the Permission Set field on the User Card page, and a user creates a production order and tries to change the status of the production order from <i>Released</i> to <i>Finished</i> , the system throws an error on the Released Production Order page.



2304.2.0.0

Release Note • 12/13/2023 • 1 min read

Enhancements/Modifications

Modifications were made for this extension to accommodate the changes in the Aptean [Quality Control Assurance](#) extension (2301.0.0.0).

Resolved issues

The following issue has been resolved in this release.

ID	Description
159014	On the Shop Floor Production Time Entries page, regardless of the Shop Floor Control Status , the Change Time Entry action is enabled for a time entry of a finished production order.



2304.1.0.0

Release Note • 11/30/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
163432	The permission sets are not correctly configured, preventing the installation of the extension for the first time.



2304.0.0.0

Release Note • 11/29/2023 • 1 min read

Features

With this release of the Aptean Shop Floor Production extension, you can now choose whether to display the bar code, QR code, or neither, of it on the **Production Order** screen in the Shop Floor Production Power App.

Enhancements/Modifications

When you register a correction for the Output quantity in the SFP Power Apps, a corresponding **Entry No.** for the Output item will now be generated on the **Item Ledger Entries** page in Business Central. Any changes to the output quantity will automatically update the recently generated item ledger entry line. For more information, see [What's new in version 3.3.131089.0](#).

UI/UX changes

The **Display Barcode on Production Order Screen** field is added to the **General** FastTab on the **Shop Floor Production Setup** page.



2303.0.0.0

Release Note • 11/15/2023 • 2 min read

Features

You can perform the following activities with the features included in this release of Aptean Shop Floor Production extension:

- You can view the failure code and failure texts associated with the released production order. The value is inherited from the PowerApps and synced across associated pages.
- You can manually create time entries for released production order on the BC Time Entries page. To know more, see [Shop Floor Production Time Entries](#).

UI/UX changes

The following UI/UX change has been made in this release:

- The **BC Time Entries** subpage is added on the **Shop Floor Production Time Entries** page when accessed from the **Released Production Order**.
- The **Item No.** and **Description** fields are added on the **Shop Floor Production Status** page.
- The **Shop Floor Production Order Status** action is added on the **Prod. Order Routing** page.
- The **Failure Text** and **Failure Code** fields are added on the **Shop Floor Production Status**, **Shop Floor Production Time Entries**, and **Change Entry** page.

Note



The **Failure Code** and **Failure Text** fields can be accessed by selecting the Settings icon

> Personalize.



2302.2.0.0

Release Note • 11/1/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
153987	Upon deletion of the work center, the system still reflects the information associated with it.



2302.1.0.0

Release Note • 10/25/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
155793	Installation of the SFP extension for the first time was unsuccessful due to the absence of a required Role ID.



2302.0.0.0

Release Note • 10/18/2023 • 1 min read

Features

With this release of the Aptean Shop Floor Production extension, turning on the **Labor** toggle for a work center assigned to a Production Order Routing line does not impact the overall runtime of a production order.



2301.1.0.0

Release Note • 9/29/2023 • 1 min read

Enhancements/Modifications

Modifications were made to this extension to work in conjunction with the Aptean [Weigh Scale](#) extension. This enables you to:

- Set default scales for machine and work centers.
- Monitor weigh scale entries for released production orders.

To know more, see [Integrations](#).



2.6.119549.0

Release Note • 9/27/2023 • 1 min read

Enhancements/Modifications

Modifications were made to this extension to keep it in line with the *updated* coding guidelines for Business Central version 23.



2.5.112750.0

Release Note • 8/14/2023 • 1 min read

Enhancements/Modifications

Certain tooltips in the extension are curated for better guidance and readability.



2.4.110715.0

Release Note • 7/26/2023 • 1 min read

Enhancements/Modifications

When using the Aptean [Production Scenarios](#) extension, the **Default Output Quantity (Production Unit of Measure)** values on the **Item Production Scenarios** page will automatically transfer to the SFP Power App.

Note

The **Default Output Quantity (Base Unit of Measure)** field on the **Item Card** will be deprecated in the future release.

Resolved issues

The following issues have been resolved in this release.

ID	Description
112022	The Default Output Quantity (Base Unit of Measure) field values on the Item Card are not populated correctly in the Quantity field while registering the output on the Register Output page.
129106	An error occurs if a username with more than 50 characters is entered in the Office365 User field on the Office365 Users per Work Center page.

UI/UX changes

The **Default Output Quantity (Production Unit of Measure)** field is added to the **Item Production Scenarios** page.



2.3.108523.0

Release Note • 7/12/2023 • 1 min read

Enhancements/Modifications

Error messages were added to improve the usability of the extension to block the setup for the work centers linked to the machine centers with the **Show in Shop Floor** toggle turned on.

Resolved issues

The following issue has been resolved in this release.

ID	Description
130884	When the Post Time Shop Floor toggle is turned off, the system directs you to post the time entries while finishing the Released Production Order .



2.2.107199.0

Release Note • 7/12/2023 • 1 min read

Features

With this release of the Aptean Shop Floor Production, you can setup the default batch consumption and output quantities during input and output registration.

UI/UX changes

The following UI/UX changes have been made in this release:

- The **Default Batch Consumption Quantity** and **Default Batch Output Quantity** toggles are added to the **Shop Floor Production Setup** page.
- The **Batch Consumption Quantity Warning** and **Batch Output Quantity Warning** fields are added to the **Shop Floor Production Setup** page.



2.1.101304.0

Release Note • 5/31/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
118426	In the Aptean Shop Floor Production Power App, when the Lot No. is selected on the Register Input page, the system retrieves the Bin Code values that are not related to the specified lot number instead of filtering the bin code associated with it.



2.0.100805.0

Release Note • 5/30/2023 • 3 min read

Enhancements/Modifications

- To ensure compatibility with Shop Floor Production version 2.0, it is required that the **Process Product Registration** field be set to *Real-Time* for all companies.
 - > [!NOTE]
 - > Ensure that there are no released production orders before changing from *Job Queue* to *Real-Time* processing. This applies to orders that are handled via SFP Power Apps and can be checked through Production Order Routing Status page.
- The utilization of Dataverse Connection has been deprecated, leading to the removal of table mapping and job queue activities related to all companies from the setup.
- An error occurs when deleting the production order header, lines, or routing line when the status is not equal to *Finished* or *Not Started*.
- A notification is displayed when the Production Order has related Production Registration Entries in status *Error* or *Not Processed*. By clicking on the notification, the **Production Registration Entries** page opens.

Note

The Aptean Shop Floor Production extension version 2.0.100805.0 must be installed before installing the new Power Apps release:

- Shop Floor Production Custom Connector, version 3.3.100866
- Shop Floor Production Power Automate_managed, version 1.1.100866
- Shop Floor Production PowerApps, version 2.0.100866
- Shop Floor Production Power Apps_translations 2.0.100866

Resolved issues

The following issues have been resolved in this release:

ID	Description
111260	In SFP Power Apps, when a Production Order is in progress, the system allows you to either delete the corresponding Production Order or close the relevant Production Order page in Business Central.
112797	The SFP time entries are not marked as posted if the total time in minutes is zero in Business Central.



UI/UX changes

The following UI/UX changes have been made in this release:

- The **Create and Schedule Job Queue Entry for Recurring Quality Checks** action is added on the **Shop Floor Production Setup** page.
- The **Prod. Order Routing Line Labour Cost** field is added on the **Prod. Order Routing** page.
- The **Production Registration Entry No.** field is added on the **Shop Floor Production Setup** and **Shop Floor Production Time Entries** page.
- The **Posting Type** field is removed from the **Shop Floor Production Setup** page.
- The **Consumption Journal Batch Name** and **Consumption Error Journal Batch Name** fields are removed from the **Shop Floor Production Setup** page.
- The **Process Line** action and **Process Production Registration** field removed from the **Shop Floor Production Registration Entries** page.
- All the CDS pages like the **CDS Shop Floor Production status**, **CDS Shop Floor Production Time Entries**, and **CDS Shop Floor Production Registration Entries** pages and their related actions are removed.
- The **Register Consumption** and **Register Output** fields are removed from the **Office365 Users per Work Center** page.



1.16.95070.0

Release Note • 4/29/2023 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
117469	An error occurs when registering the output line in SFP Power Apps; as a result, a duplicate entry of the posted output line is created in Business Central.
114312	The Expiration Date on the SFP Power Apps reflects one day prior to the captured date on the Item Ledger Entries in Business Central.
91386	The Shipment Container Code field on the License Plates page in Business Central remains empty despite creating a license plate and assigning a shipment container code while posting the production order output through SFP Power Apps.



1.15.93915.0

Release Note • 4/29/2023 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
110548	When using the SFP Output Correction process for multiple outputs with different License Plate Nos. under the same Lot No. an error occurs on the Output screen when attempting to correct the second output after the first one, indicating that both License Plate Nos must match.
91403	On the Work Center Card page, the error message failed to appear on the following scenarios The Location Code field contains a value and the Show in Shop Floor toggle is turned off. The Show in Shop Floor toggle is turned on and the Location Code field is empty.



1.14.93476.0

Release Note • 4/29/2023 • 1 min read

Enhancements/Modifications

The following modifications were made for this extension to improve the user experience throughout the application:

- On the **Shop Floor Production Setup** page, when the **Process Product Registration** field is selected as *Job Queue*, a notification appears stating *Please change Process Product Registration to Real-Time in the Shop Floor Production Setup for all Companies. Job Queue processing will be deprecated in the next version.*

Important

In the upcoming version, the ability to synchronize Dataverse via *Job Queue* will no longer be available. To ensure uninterrupted data processing, all companies in their respective environments must transition to *Real-Time* processing using the **Shop Floor Production Setup**.

- If the released production orders are still in use in the Shop Floor Production Power Apps after switching to *Real-Time* processing, the following message will be displayed: *Changing Process Product Registration is only allowed when no Released Production Order Routing Lines are in progress. Via page "Prod. Order Routing Status" all Released Routing Lines are shown and may not have Shop Floor Status: "Not Started", "Start-Up", "Production", "Paused", "Stopped" or "Failure".*

Note

New released production orders can be created after finishing all the production orders in the Power Apps.



1.13.90079.0

Release Note • 4/3/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
109225	When using the Production Split Worksheet function to split a Released Production Order with the status set as <i>Production</i> , a new duplicate production order is created before throwing an error



1.12.88238.0

Release Note • 4/3/2023 • 2 min read

Enhancements/Modifications

Modifications were made to accommodate the changes on the **Shop Floor Production Time Entries** page (in Business Central).

On the **Shop Floor Production Time Entries** page, on the action bar, select **Actions > Change Time Entry** to update the **Starting Date Time**, **Ending Date Time**, and **Number of Operators** fields. When these fields are updated, the following fields are recalculated:

- **Duration in Hours**
- **Duration in Minutes**
- **Labor Duration in Hours**
- **Labor Duration in Minutes**

Note

Entries can be changed only when they are not posted.

A new **Corrected** checkbox is added on the **Shop Floor Production Time Entries** page. If the checkbox is selected, it indicates that the time entry is corrected in Business Central. You cannot synchronize entries when one or more time entries are corrected or posted.

Note

The fields on the **Shop Floor Production Time Entries** page of the Shop Floor Production Setup and Monitoring App are not editable.

UI/UX changes

On the **Shop Floor Production Time Entries** page,

- The **Corrected** checkbox is newly added to indicate the corrected time entries.
- The **Change Time Entry** action is added to update the time entries.
- The **New** and **Edit List** actions have been removed. Consequently, this page is not editable anymore.



Resolved issues

The following issue has been resolved in this release:

ID	Description
99362	The Shop Floor Status field on the Prod. Order Routing page and the Shop Floor Production Time Entries page are editable.



1.12.87391.0

Release Note • 4/3/2023 • 1 min read

Enhancements/Modifications

The Aptean Shop Floor Production extension has been updated for the Dutch language codes [nl-BE] and [nl-NL] to cater to the Netherlands and Belgium markets.



1.11.78154.0

Release Note • 4/3/2023 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
94645	When two companies in the same BC instance use identical production order number series, the filter for the Company ID was not applied.
93542	The Output screen opens even when the Quality Checks data cue has a value of zero.
67004	While posting an output, the Change Status button is not displayed, and the status of the production order cannot be set to Production.



1.10.74894.0

Release Note • 4/3/2023 • 1 min read

Enhancements/Modifications

Modifications were made for this extension to accommodate the changes in the Aptean Catch Weight extension. To know more, see Aptean [Catch Weight](#) extension.



1.9.73602.0

Release Note • 4/29/2023 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
49644	When turning off the Enabled toggle on the Dataverse Connection Setup page, an error occurs instead of putting the job queue activities on hold.
78836	A warning message that suggests updating the Aptean Shop Floor Production extension based on the PowerApps version has been removed because it is no longer necessary.
83767	When performing the quality check and returning to the Production Order, the work centre name differs.
74844	The Failure Codes continue to show up in the list of Inactive reasons even after being deactivated.
77288	Amending time entries in the Shop Floor Production Setup and Monitoring app allows negative time entries.
82691	The unintentional integration with the Aptean Shop Floor Production extension prevents the deletion of the Production Order that had been subcontracted.
82484	When checking the "ShopFloorProdInterfaceMgtFDW" codeunit, the "ShopFloorProdIntegration40FDW" codeunit is called instead of the correct integration codeunit in ILY.



1.8.61785.0

Release Note • 4/29/2023 • 2 min read

Features

The new features in this release are listed below:

- You can now filter data based on **Bin Code** from the **Component Line** of the **Consumption** page. You can transfer this data from Business Central to Power Apps. Previously, this could only be done based on **Lot No.**.
- On Power Apps, when you **Register an Input**, you can now scan the **License Plate No.** or **Lot No.** or enter them manually or choose the value from the lookup button on the respective fields.
- You can now determine if the data from the Aptean Shop Floor Production Power App should be sent directly to Business Central or the Dataverse using the **Process data from Shop Floor app** field on the **General** FastTab on the **Shop Floor Production Setup** page.
- When you register an Output or Consumption registration entry on the Shop Floor Production app, the entries are directly sent to the **Shop Floor Production Registration Entries** page in Business Central. For more details, see [Real-Time Posting](#).
- You can now see the expiration date and the remaining lot quantity in the inventory when selecting a specific lot number.

Update Summary

This new version of the Aptean **Shop Floor Production** extension will impact your existing installations because the solution is turned into a *Managed Solution*. As a first step, remove the *Unmanaged Shop Floor Production Solution* from the environment.

The Shop Floor Production Custom Connector and Power Automate are moved into solutions. The existing Custom Connector must be deleted via *Dataverse > Custom Connectors* because this will be recreated by importing the new *Shop Floor Production Custom Connector Solution*.

The user specific connection that exists for the previous version of the shop floor production custom connector will be deleted automatically with the deletion of the old custom connector.

For more details, see [Shop Floor Production Update](#).



Shop Floor Production Update

Article • 4/3/2023 • 29 min read

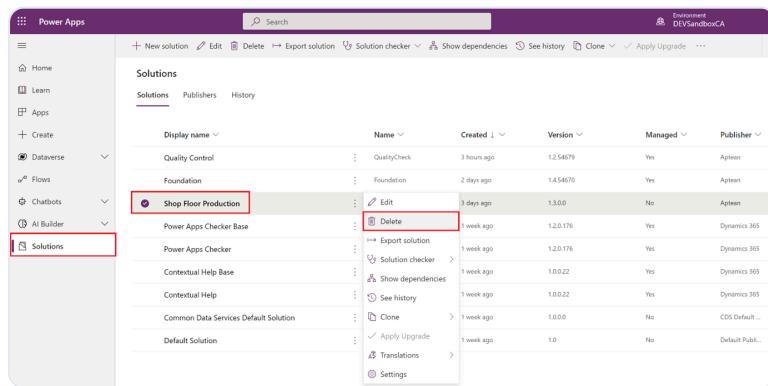
Important Attention Points

The new Custom Connector is configured using environment variables. One of the environment variables, **fdw_ClientSecret_KeyVault** is a secret that must be stored safely instead of in plain text in the variable value. This is done by storing the secret value in a Key-Vault that has to be setup first. To integrate the Power Apps environment with Key-Vault, it must be set up to get the ClientSecret from the Key-Vault and sign in by using the OAuth flow for the Custom Connector.

Upgrade Workflow Details

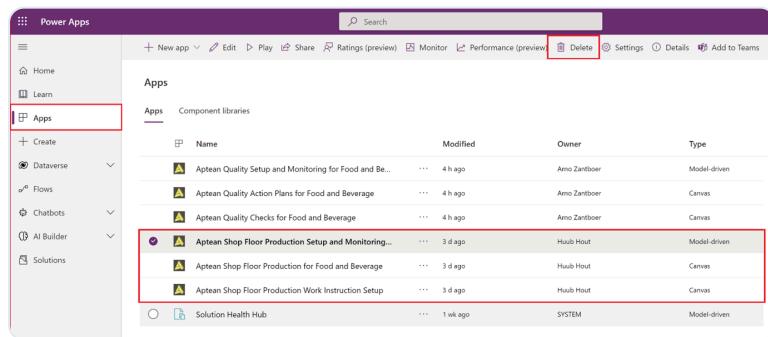
Follow the instructions in the predefined order along with the given details to upgrade your environment currently running Shop Floor Production Power Apps v.1.3.0.0 to the new v.1.4.x version.

1. Delete the Shop Floor Production Unmanaged Solution from your environment.



The screenshot shows the 'Solutions' list in the Power Apps environment. The 'Shop Floor Production' solution is selected and its context menu is open, with the 'Delete' option highlighted in red. Other options in the menu include Edit, Export solution, Solution checker, Show dependencies, See history, Clone, Apply Upgrade, Translations, and Settings.

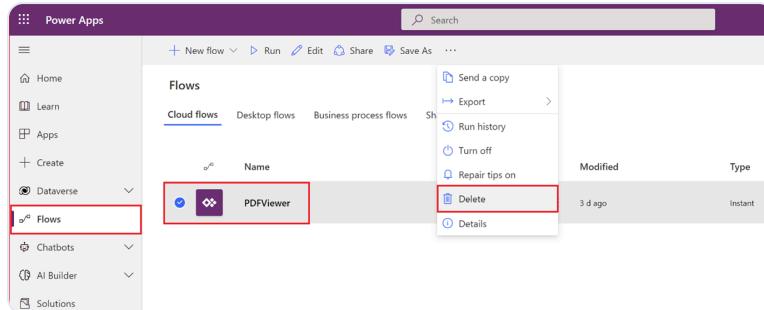
2. Manually delete the three Shop Floor Production apps via Apps in the menu.



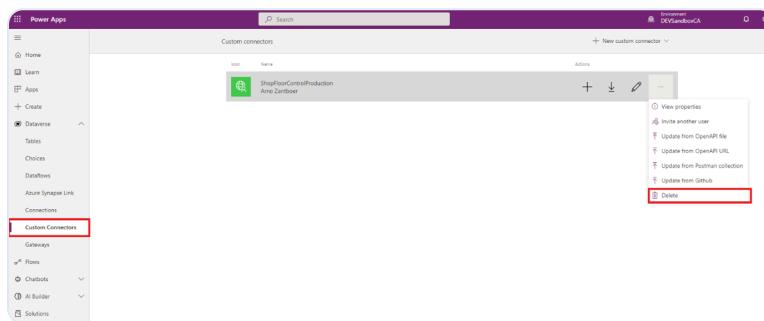
The screenshot shows the 'Apps' list in the Power Apps environment. Three apps under the 'Aptean Shop Floor Production' category are selected and their context menu is open, with the 'Delete' option highlighted in red. The apps are: 'Aptean Shop Floor Production Setup and Monitoring...', 'Aptean Shop Floor Production for Food and Beverage', and 'Aptean Shop Floor Production Work Instruction Setup'. Other options in the menu include New app, Edit, Play, Share, Ratings (preview), Monitor, Performance (preview), Settings, Details, and Add to Teams.

Do the same for the Cloud flow.

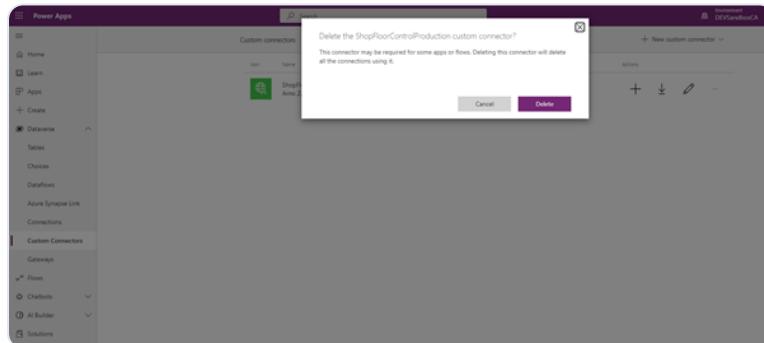




3. Delete the ShopFloorControlProduction Custom Connector from your environment via Dataverse > Custom Connectors.



Make sure you are the creator of the Custom Connector, or you have Edit permission on the Custom Connector to be able to do so. On the below pop-up, select **Delete**.



⚠️ Important

If nothing happens when you press delete, press **CTRL+F5** to refresh the page and try again.

As a result, all User Specific Connections made on the basis of this Custom Connector are also removed for *all users*.

1. On the action bar, select **Publish all customizations**.



The screenshot shows the Microsoft Power Apps Solutions page. The left sidebar includes options for Home, Learn, Apps, Create, Dataverse, Flows, Chatbots, AI Builder, and Solutions. The main area displays a table of solutions with columns for Display name, Name, Created, Version, Managed, and Publisher. The solutions listed are Quality Control, Foundation, Power Apps Checker Base, Power Apps Checker, Contextual Help Base, Contextual Help, Common Data Services Default Solution, and Default Solution. A red box highlights the 'Publish all customizations' button at the top right of the page.

2. The Shop Floor Production Power Apps Solution uses a Custom Connector (API) to integrate with Business Central Online. To sign-in, the connector uses an app registration for the OAuth sign-in flow. The app registration and how to set up the app registration are described in [Deployment Instructions](Introduction to Deployment Instructions.md).

To safely store the app registration Client Secret Key, a Key-Vault and Key-Vault secret has to be initiated. This stored secret value is used by the Custom Connector Solution to log in via the OAuth flow.

For example,

The screenshot shows the Microsoft Azure Key vaults interface. The left sidebar shows 'Key vaults' with one item: 'fw365bcdtweukvula'. The main area shows a table of secrets with columns for Name, Type, Status, and Expiration date. There is one secret named 'clientSecret' of type 'String' with status 'Enabled'. A red box highlights the 'clientSecret' entry in the table.

Note

You can use an existing Key-Vault. Take into account that PowerApps will need access to this Key-Vault.

For more information on setting up a Key-Vault, see [Create Key-Vault | Microsoft Docs](#).

For more information on how to create a Key-Vault Secret, see [Create Key-Vault Secret | Microsoft Docs](#).

The app registration and how to setup the app registration is already in [Deployment Instructions](#).

Save the app registration Client Secret Key, which is created as the actual value for the Key-Vault secret value for clientSecret.

To integrate the Power Apps environment with Key-Vault, you must first set up to allow PowerApps to get the secret key from the Key-Vault and use it to sign in by using the OAuth flow.

- The Power Platform should be added as Resource Provider in your Azure Subscription.



- Dataverse must get read permission on the Key-Vault Secrets. To enable this, add principal 00000007-0000-0000-c000-000000000000 (Dataverse) in the Key-Vault Access policies and enable Get permission for Secret Permissions.

Now, Power Apps can read secrets that enable the use of the Secret Data Type for Environment Variable Values with the actual secret values stored and read from the Key-Vault. The Environment Variable is just set with the full path to the Key-Vault secret.

⚠️ Important

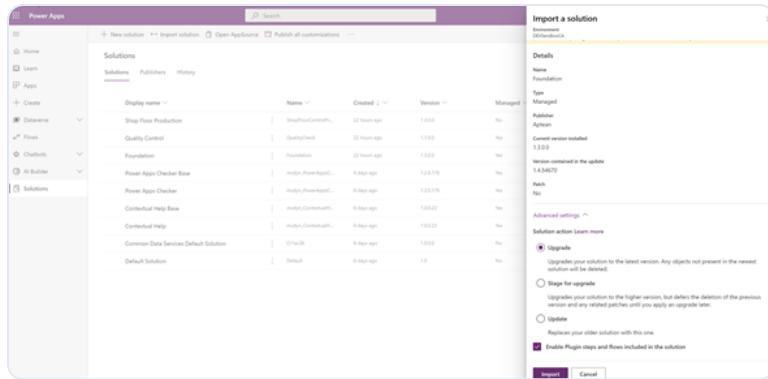
The user who sets up the Custom Connector Solution and its Environment Variable Values also needs permission to access the Key-Vault and read the secrets to be able to initiate the connection. This is not needed for users that will create new connections on basis of the new custom connector.

1. Import the *updated* solution **Foundation Solution (Managed)** v1.4.x.

>Note

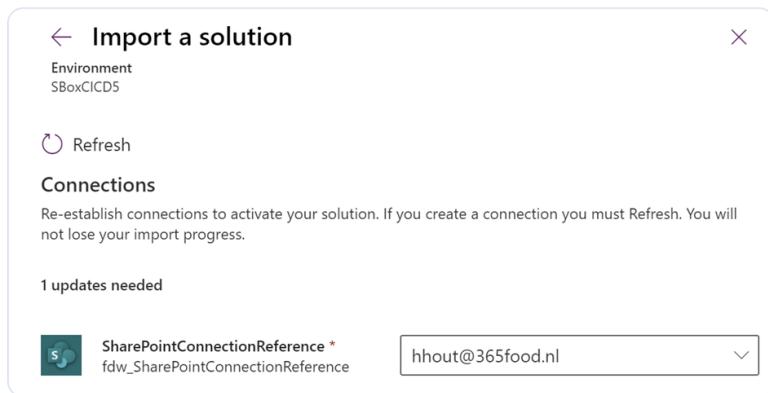
For importing the new version of Power Apps Foundation Layer, select *Advanced settings > Upgrade*. This only applies for Power Apps Foundation Layer.





2. Import the new Shop Floor Production PowerAutomate Solution (Managed) v1.0.x.

Select the SharePoint Connection to be used and/or create the connection.



3. Import the new Shop Floor Production Custom Connector Solution (Managed) v3.0.x

Note

The Custom Connector Solution version represents the highest API version currently supported by the Solution. The changes and updates in this release have introduced v3.0 Business Central APIs, which are also supported by the Solution represented as v3.0.x.

Important

Import and set up the Custom Connector Solution and its Environment Variable Values also needs permission to access the Key-Vault and read the secrets to be able to initiate the connection. This is not required for users who creates new connections on the basis of the new custom connector.

1. During import, the Environment Variable Values will be required. Enter the values needed for the Custom Connector to connect and login users to Business Central Online.



[Import a solution](#) [X](#)

Environment
DEVSandboxCA

Environment Variables
Enter information for each field, so your app works properly. You can edit your environment variables later.

5 updates needed

Base URL
 Base URL for Business Central Online

Host
 Host URL for Business Central Online

ClientSecret_KeyVault
 App registration Secret Key for OAuth authentication with Business Central Online

Client ID
 Client ID

Resource URL
 Resource URL for Business Central Online API

Import **Cancel**

Base URL

Base URL for Business Central Connection.

The Business Central Online environments needs to be set up with v2.0// or the specific server Base URL in case of on prem environments.

⚠ Important

Base URL of the Custom Connector already starts with a '/' so don't start the given value with this character, because it will then start with two slashes.

Host

Host for Business Central Connection.

The Business Central Online environments needs to be setup with api.businesscentral.dynamics.com or the specific server URL in case of on prem environments.

ClientSecret_KeyVault

App registration Secret Key for AAD OAuth authentication with Business Central is safely stored in Key-Vault as set up in the above steps.

⚠ Important

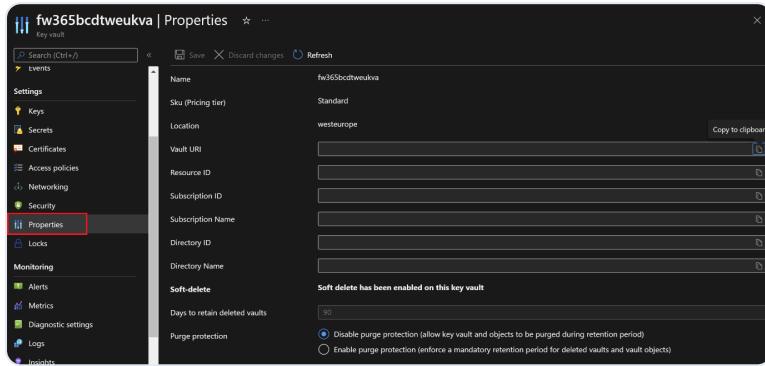
The value must be entered as the full path to the secret key stored in the KeyVault.



For example,

```
/subscriptions/<your_subscription_id>/resourceGroups/<resource_group_name>/providers/Microsoft.KeyVault/vaults/<your_keyvault_name>/secrets/<your_secret_name>.
```

The above information can be found in the Key-Vault Properties. The secret name is created as instructed above, for example clientSecret.



Client ID

The App registration Application (client) ID for AAD OAuth authentication with Business Central.

The app registration and how to set up the app registration are already described in [Deployment Instructions](#).

Enter the app registration Application (client) ID as the actual value for the Client ID.

Resource URL

Resource URL for Business Central Connection.

The Business Central Online environments needs to be set up with <https://api.businesscentral.dynamics.com> as used in the app registration setup.

Now all fields have a value select Import. The Custom Connector Solution is created, and the Custom Connector is visible via *Dataverse > Custom Connectors*.

Important

When the above solution is imported again, the values will not be asked for, and the Custom Connector will continue working with the values saved in the Environment Variable Values (so that it does not overwrite customer-specific data).

You can manually edit the environment variables if a mistake has been made or one of the variable values needs to be changed.

In **Default Solution**, search *Environment Variables*, edit the Environment variable that needs a change and enter the new value as the Current Value.

For the ClientSecret_KeyVault, the path to be entered as the current value, in this case, are shown as separate fields.



Edit clientSecret_KeyVault X

Use this variable to store information about an app or flow. Its values can be updated as it moves to different environments. [Learn more](#)

Display name *
clientSecret_KeyVault

Name (1)
fdw_clientSecret_KeyVault

Description
Client Secret stored in Key Vault

Data Type *
 Secret ▼
Learn more about Environment variable secrets

Secret Store *
Azure Key Vault ▼

Current Azure Key Vault secret
Override the default value by setting the current value for your environment.

New Azure Key Vault secret reference

Azure Subscription Id ...

Resource Group Name

Azure Key Vault Name

Secret Name
clientSecret ...

! Important

The Custom Connector doesn't pick up the new values automatically. To apply the new values, go to the *Custom Connector* via *Dataverse > Custom Connector* and edit the connector.

< Connector Name ShopFloorControlProduction

Update connector ✓ Close X

1. General > 2. Security > 3. Definition > 4. Code (Preview) > 5. Test >

Swagger Editor (1)

Select *Update Connector* and then Close. The Custom Connector now uses the new values.

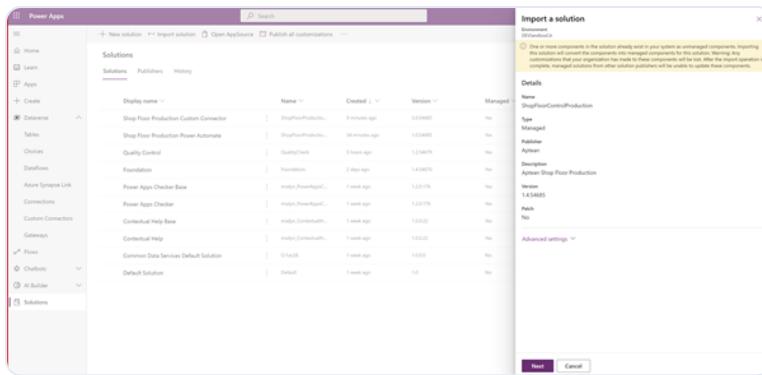
1. Import the new Shop Floor Production Solution (Managed).

! Note

Normally, a warning is shown about converting into a managed solution.

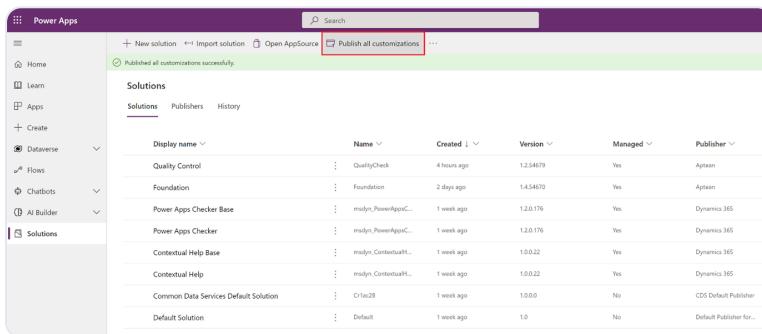


Shop Floor Production



The screenshot shows the Power Apps Solutions page. A modal dialog titled 'Import a solution' is open, showing a single solution named 'ShopFloorControlProduction'. The dialog includes fields for Name, Type (Managed), Author (Aptean), Description (Aptean Shop Floor Production), Version (1.0.0.176), and a 'Managed' checkbox which is checked. At the bottom of the dialog are 'Next' and 'Cancel' buttons.

2. Publish all customizations after successfully importing.



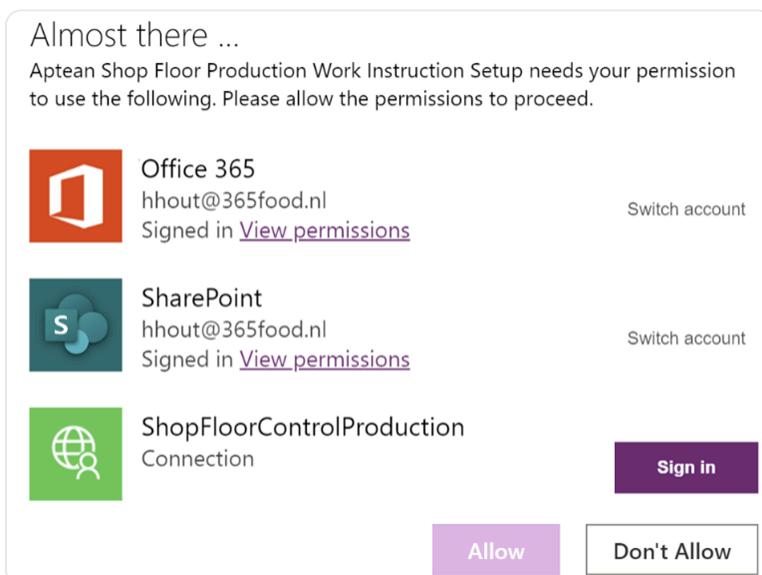
The screenshot shows the Power Apps Solutions page. A message 'Published all customizations successfully.' is displayed in a green bar at the top. Below it is a list of solutions, including Quality Control, Foundation, Power Apps Checker Base, Power Apps Checker, Contextual Help Base, Contextual Help, Common Data Services Default Solution, and Default Solution. The 'Published' column for the imported solution shows 'Aptean'.

3. Import the updated translations as instructed in [PowerApps](#).

4. Start the new Shop Floor Production Canvas apps and sign in all connections.

When all connections are signed in, click **Allow** to start the app.

5. Select **Sign in** for the **ShopFloorControlProduction** connection.



Almost there ...

Aptean Shop Floor Production Work Instruction Setup needs your permission to use the following. Please allow the permissions to proceed.

Office 365
hhout@365food.nl
Signed in [View permissions](#)

SharePoint
hhout@365food.nl
Signed in [View permissions](#)

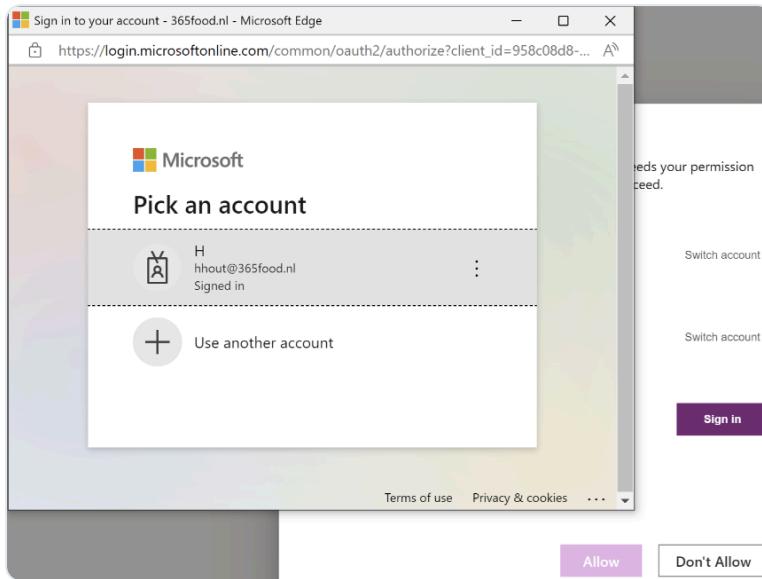
ShopFloorControlProduction Connection

Sign in

Allow **Don't Allow**

A sign in window opens to sign in with your account

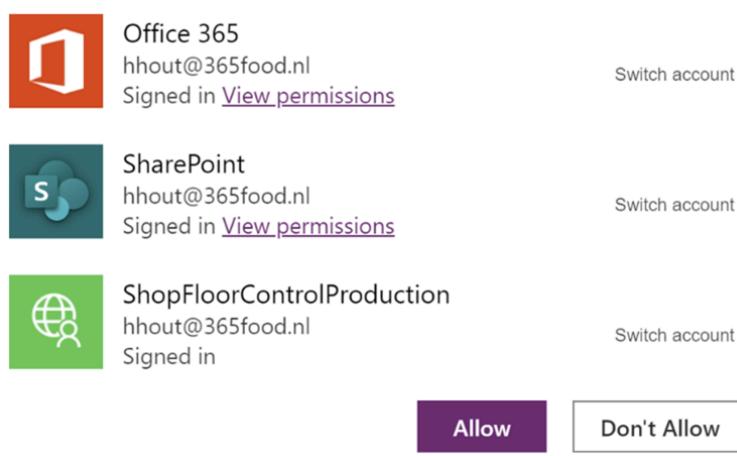




6. When the sign in is successful and all connections are signed in, select **Allow** for all connections and the app starts and is ready to use.

Almost there ...

Aptean Shop Floor Production Work Instruction Setup needs your permission to use the following. Please allow the permissions to proceed.



7. When tested successfully, re-share the apps with all users and verify if the App settings are correct via the Model Driven app. This is described in [App Settings](./../App Settings.md).

Important

Since the old unmanaged app versions were deleted, the new managed apps app ids must be verified. This is also a reason why they need to be shared again with users.



 Note

As some values are stored in cache, its advised to reopen the browser after changing connection references or environment variable values. When the app is started and the old value is still used, the cache refresh can be triggered by pressing CTRL+F5 just after the Canvas App is started.

When you delete a personal connection, for whatever reason, that is created as a result of the above action (via **Dataverse > Connections**) and start the app right away the following error message will appear.

ShopFloorControlProduction.GetCompanies failed: {"status":404,"source":"https://token.azure-apim.net/443/tokens/fdw-5fshopfloorcontrol/production-5f7830fb4852cd374/b3203defa3804376bc9991951d91ff31/exchange","message":"Error from token exchange: The connection (/fdw-5fshopfloorcontrol/production-5f7830fb4852cd374/b3203defa3804376bc9991951d91ff31) is not found. Please create new connection and change your application to use the new connection."}

This is the result of the personal connection stored in memory. To resolve this,

1. Wait until it is refreshed by the platform (can take minutes or hours) and start the app again.
2. Press CTRL+F5 to refresh and start the app again, sometimes refreshing multiple times is needed.
3. Start the browser in Guest mode and start the app again in this session.

Fresh Install workflow details

For *fresh installs* the routine is much easier, there are now only multiple solutions to import, and the new versions will now ask to enter the necessary parameter values (Environment Variable Values).

The process for new customers is described and updated in the [Deployment Instructions](#).



1.7.49072.0

Release Note • 5/8/2023 • 1 min read

Features

With this release of the Aptean Shop Floor Production extension, you can use the **Use Default Synchronisation Setup** action to run the Dataverse synchronisation and job queue activities, which resets the values to default. Earlier, this was part of the installation routine.

Resolved issues

The following issues have been resolved in this release:

ID	Description
38410	Earlier, the comments added in the Register Input page in the Shop Floor Production app weren't getting saved. Because of this, the comments in the Shop Floor Production Registration Entries page in Dynamics 365 Business Central weren't updated as well.
35810	Earlier, after finishing a production order, an error message was displaying.



1.6.48123.0

Release Note • 4/3/2023 • 1 min read

Enhancements/Modifications

Minor technical changes are made to keep our apps in line with the *updated* coding guidelines for Business Central.



1.5.46243.0

Release Note • 5/8/2023 • 1 min read

Enhancements

The enhancement in this release is listed below:

- A localized version of Shop Floor Production extension is made available for the Switzerland market with the addition of German language code [de-CH].

Resolved issues

The following issue has been resolved in this release:

ID	Description
41133	When selecting the tiles from the role center Shop Floor Production the values on the tiles do not represent the values in the list displayed.



3.29.248140.0

Release Note • 7/11/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
307827	The system incorrectly allows recording multiple expiration dates for the same lot number when registering output in the Aptean Shop Floor Production Power App. Additionally, after the first output registration with a lot number, the Expiration Date field on the Register Output screen becomes non-editable for subsequent registrations using the same lot number.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2507.2.0.0](#).



3.28.227079.0

Release Note • 4/16/2025 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
270647	The system assigns incorrect expiration dates to production orders on the Output screen when multiple items share the same lot number. In such cases, the expiration date from one item is incorrectly applied to all items with that lot number, regardless of their item number.
280482	The system updates newly added failure codes only for new production orders, while existing orders do not reflect the updated failure codes during production order processing.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2505.1.0.0](#).



3.27.210616.0

Release Note • 2/4/2025 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
256655	An error occurs when attempting to finish a production order after consuming and registering the output in the Aptean Shop Floor Production Power App.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2502.2.0.0](#).



3.26.201933.0

Release Note • 12/16/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
251782	An error occurs when trying to finish a production order that has no required consumption.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2408.0.0.0](#).



3.25.196356.0

Release Note • 11/21/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
208989	The system incorrectly generates the lot number when registering output in the Aptean Shop Floor Production Power App. The lot number generated follows an incorrect item number on the Item Ledger Entries page, which differs from the item number specified in the production order.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2406.2.0.0](#).



3.24.185825.0

Release Note • 9/25/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
224782	An error occurs on the Input screen while finishing a production order in the Aptean Shop Floor Production Power App. This issue arises when consuming a component item with a non-base unit of measure.
215614	The system incorrectly lists empty license plates for consumption in the License Plate No. dropdown on the Input screen.
230748	An error occurs when attempting to change the status to <i>Finished</i> on the Released Production Order page in BC. The issue arises when a production order is marked as finished in the Power App, but the corresponding status is not updated in the Shop Floor Control Status field of the production order routing.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2404.5.0.0](#).



3.23.180059.0

Release Note • 8/30/2024 • 1 min read

Enhancements/Modifications

Modifications have been made to this extension to accommodate the changes made in the Aptean Expiration Management extension. For more information, see [What's new in version 2402.8.0.0](#).

UI/UX changes

The *Customer-Specific*, *Non-Customer*, and *All Packaging* options in the packaging field on the **PO DETAILS** page have been renamed to *Customer*, *Item*, and *All*.

Resolved issues

The following issue has been resolved in this release.

ID	Description
190569	The system allows printing the output label with zero quantity in the Aptean Shop Floor Production Power App when attempting to generate a label for a production line with no quantity.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2404.1.0.0](#).



3.22.175169.0

Release Note • 8/7/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release.

ID	Description
221378	The system fails to use the respective printer configured with the machine center on the Label Printer Setup page when printing the output in the Aptean Shop Floor Production Power App.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2403.1.0.0](#).



3.21.172022.0

Release Note • 7/17/2023 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
217076	The barcode and QR code are not visible for the production order in the Aptean Shop Floor Production Power App.
220662	An error occurs when registering the output for a lot-tracked item if the Aptean Lot Management extension is not installed, causing the system to fail to generate the lot number.
215444	In BC version 24 and later, the enum values in the Display Barcode on Production Order Screen and Lot No. Per fields on the Shop Floor Production Setup page behave differently due to schema version.
216153	The system loses connection to Business Central in the Aptean Shop Floor Production Power App when navigating to the Aptean Quality Control extension and then returning to the Aptean Shop Floor Production extension.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2403.1.0.0](#).



3.20.170859.0

Release Note • 7/11/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production Power App, you can choose options in the packaging field on the **PO Details** screen of the Aptean Shop Floor Production Power App to display the relevant packaging based on your selection.

This enhancement addresses bug ID #209053 & #216449.

UI/UX changes

The *Customer-Specific*, *Item*, and *All Packaging* options are added to the packaging field of the **PO Details** screen of the Aptean Shop Floor Production Power App.

Resolved issues

The following issues have been resolved in this release.

ID	Description
209053 & 216449	The system does not display the customer specific packaging on the PO Details screen of the Aptean Shop Floor Production Power App when a released production order is created from the sales order.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2403.0.0.0](#).



3.19.169032.0

Release Note • 6/28/2024 • 2 min read

Enhancements/Modifications

- When multiple machine centers are available within the work center, you can view the list of machine centers along with their associated production orders, regardless of whether any specific machine center has active production orders. This enhancement addresses the issue reported in the bug ID #205689.
- You can create quality checks for an item or item attribute while creating quality triggers with **Trigger Type** field set to *Production Order* on the **Quality Triggers** page by directly selecting the **Production** button on the production order screen of the Aptean Shop Floor Production Power App.

Resolved issues

The following issues have been resolved in this release.

ID	Description
205689	The system fails to display the specific machine center to which the production orders are scheduled if there are multiple machine centers in a work center.
211981	The item ledger entries are created twice for the output which were not posted due to an interrupted connection between the Business Central and Aptean Shop Floor Production Power App.
211374	An error occurs in the Aptean Shop Floor Production Power App when attempting to retrieve sales comment lines. This issue arises when the Aptean Advanced Comments extension is not installed but available together with the Aptean Shop Floor Production extension in a bundle.
215888	The Expiration date field on the Register Output screen displays the date format as MM/DD/YYYY instead of DD/MM/YYYY upon selecting the language as <i>en</i> .

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2402.3.0.0](#).



3.18.166845.0

Release Note • 6/17/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
205652	An error occurs on the Register Input screen when performing the Save action after selecting the License Plate No. , if the Inventory/Exp. Date field is not automatically updated. This issue occurs when consuming an item on a production consumption line associated with a machine center that has bin code assigned while using the routing link codes.
209921	The Inventory/Exp. Date field on the Register Input screen is incorrectly updated to 1/1/1 as the expiration date when the Use Expiration Dates toggle on the associated Item Tracking Code Card page is turned off.

Note

The minimum version required for the Aptean Shop Floor Production extension to operate with this release is [2402.1.0.0](#).



3.17.166039.0

Release Note • 6/13/2024 • 1 min read

Enhancements/Modifications

You can set up the options on the **Output Expiration Date Calc.** field on the **Shop Floor Production Setup** page for the calculation of the expiration date in the Aptean Shop Floor Production Power App. To know more, see [Shop Floor Production Setup](#). This enhancement addresses the issue reported in the bug ID #186511 & #177965.

Note

For this functionality, it is important that the Aptean Shop Floor Production extension is updated to version [2402.0.0.0](#).

Resolved issues

The following issue has been resolved in this release.

ID	Description
186511/177965	When posting the production order, the Expiration Date field is calculated incorrectly based on the routing start date of the production order instead of the system date in Aptean Shop Floor Production Power App.



3.16.164206.0

Release Note • 6/4/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release.

ID	Description
196992	An error occurs while registering the output for the production order in the Shop Floor Production Power App. This happens when the Aptean Process Manufacturing extension is not installed but available together with the Shop Floor Production Power App in a bundle.
209391	The Lot No. field is not updated on the Register Output screen irrespective of the option selected in the Lot No. Per field on the Shop Floor Production Setup page.



3.15.162117.0

Release Note • 5/24/2024 • 2 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production Power App,

- The date and time format will be displayed based on the language you select on the Aptean Shop Floor Production Power App. To know more, see [Selecting a production order in the Shop Floor Production app](#)
- The **Shipping Container** field on the **Register Output** screen is initially populated with the first packaging code. However, you can manually select a different packaging code from the available options.

Resolved issues

The following issues have been resolved in this release.

ID	Description
180401	The Shipping Container field is not automatically updated with the default packaging code while selecting the Generate new license plate no. action on the Register Output screen.
196324	When selecting the Register Output button on the Production Orders screen of the Shop Floor Production Power App, the output is not posted on the Production Order page in Business Central. This occurs due to the disconnection of the Shop Floor Production Power App from Business Central, resulting in the Posted field on the Shop Floor Production Power App not being marked with a green checkmark.
190824	When selecting the Register Output button on the Production Orders screen, the output is not registered in the Shop Floor Production Power App while it is posted on the Production Order page in Business Central. This occurs due to the disconnection of the Power App from Business Central.
197120	An error occurs while selecting the Print Labels button only when the work center is filled on the Label Printer Setup page in Business Central.



3.14.157470.0

Release Note • 4/30/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
194262	The visibility of certain text and numbers associated with the item number and quantity is low on the Production Orders list screen.
192754	The quantity conversion for the Registered field value is incorrect on the consumption line for items with different unit of measure than the base unit of measure, leading to an incorrect Remaining field value.
194943	The Expiration date field on the Register Output screen is updated with a value even when the Use Expiration Dates toggle is turned off on the Item Tracking Code Card page for the associated output item in Business Central.



3.12.154734.0

Release Note • 4/15/2024 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production extension, you can:

- Include your output comments when registering output on the Shop Floor Production Power App directly on the label using the Extra Text Fields on the **Label (SHOPFLOOR-OUTPUT)** page. To Know more, see [Print output comments](#)
- Determine the label printer based on the bin and location with the Label Printer Setup using the output bin information. To know more, see [Printer selection](#).

Resolved issues

The following issue has been resolved in this release:

ID	Description
177304	The Total Output Quantity field is incorrectly updated as zero on the Shop Floor Production Status page in Business Central even after registering the output in the Shop Floor Production Power App.



3.11.149287.0

Release Note • 3/18/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
183951	The Lot No. and Expiration Date defined on the Item Tracking Lines for an output item on the Released Production Order page in Business Central does not show on the Register Output screen of the Shop Floor Production Power App.



3.10.14843.0

Release Note • 3/13/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
180177	When the Allowed % Over-pick is defined on the Production BOM page in Business Central and an Alternative item is added in the Shop Floor Production Power App, attempting to input Quantity on the Register Input screen leads to an error, preventing the posting of the Unplanned Consumption.
186636	It was not possible to scan the 2D barcode on the Production Order screen.



3.8.146079.0

Release Note • 2/29/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
183042	On the Register Output screen, the system failed to generate the next available lot no. as the Generate new lot no. was unavailable in the Lot no. field, for an item that has Lot no. Profile selected on the Item Tracking FastTab of the Item Card page in Business Central.



3.8.145675.0

Release Note • 2/28/2024 • 1 min read

Enhancements/Modifications

With this enhancement you can now edit the **License Plate No.** in the Shop Floor Production Power App, when the **Allow Manual Input of License Plate Number** toggle on the **Shop Floor Production Setup** page of Business Central is turned on.



3.7.142319.0

Release Note • 2/9/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
173459	In Business Central, on the No. Series page, when the number series for an item lot number is selected as Manual Nos. and the Register output action is executed in the Shop Floor Production Power App, the system displayed an error. For more information, see Shop Floor Production Setup



3.6.140870.0

Release Note • 2/2/2024 • 1 min read

Resolved issues

The following issues have been resolved in the release:

ID	Description
169835 & 169987	The shop floor production time entries in Business Central were posted with incorrect Item No. and Production Order No. upon posting from the Shop Floor Production Power App.
168734	The system gave an error upon trying to change the status of a released production order to <i>Finished</i> , when the Ending Date Time field on the Shop Floor Production Time Entries page has no value.



3.5.139456.0

Release Note • 1/25/2024 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
170083	An error occurs on the Input screen of the Shop Floor Production Power App when attempting to consume a license plate tracked item.



3.4.137900.0

Release Note • 1/12/2024 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
162548	The Weight Qty. to correct field value is inaccurately calculated for catch weight items on the Register a correction screen of the Shop Floor Production Power App.
24945	On the Shop Floor Production Power App, when registering output for a Lot No. profile created based on the expiration date, it was possible to modify the expiration date.



3.3.131089.0

Release Note • 11/29/2023 • 2 min read

Features

With this release of the Aptean Shop Floor Production Power Apps, you can:

- Record Failure Codes and Failure Text when a production order is set to Fail and when production resumes after a failure. For more information, see [Track and record production failure](#).
- Scan the barcode or the QR code on the **Production Order** screen.

Enhancements/Modifications

Modifications were made for this extension to accommodate the negative output on the **Output register** page for catch weight and non-catchweight items. To know more, see [Correct Output quantity](#).

UI/UX changes

The following UI/UX changes have been made in this release:

- The **Failure Code** and **Failure Text** fields are added to the **Shop Floor Production Status** and **Shop Floor Production Time Entries** tables.
- The barcode or the QR code is displayed on the **Production Order** screen.

Resolved issues

The following issues have been resolved in the release:

ID	Description
158994	On the Shop Floor Production Power App, the system throws an error for <i>Start-up</i> operation with quality checks enabled for the specified work center associated with the released production order.
161395	The system restricts the user from canceling the amendment for the output record after the error is thrown.
151202	Multiple partial outputs with the same lot number but different expiration dates can be registered.



150970	On the Output page, the quantity and weight quantity displayed on the progress bar does not match with the values on the registered lines for the license plate tracked catch weight items.
158563	Security roles in the PowerApps environment allows users to perform operations avoiding the defined restrictions.



3.1.124113.0

Release Note • 10/18/2023 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
154690	<ul style="list-style-type: none">An error occurs when attempting to correct the registered output linked to a production order that has been stopped and put back in production.On the PO DETAILS page, the Shop floor status displays incorrect color in relation to the production order status.



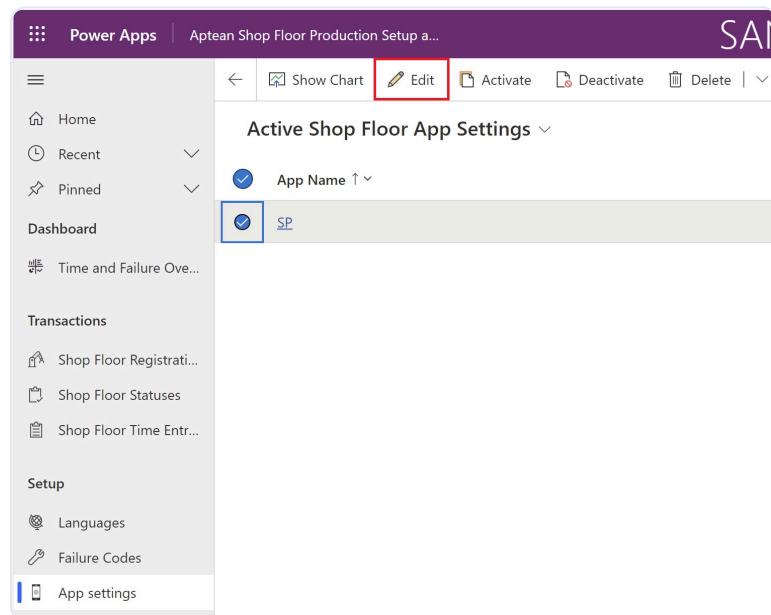
3.1.121665.0

Release Note • 10/6/2023 • 4 min read

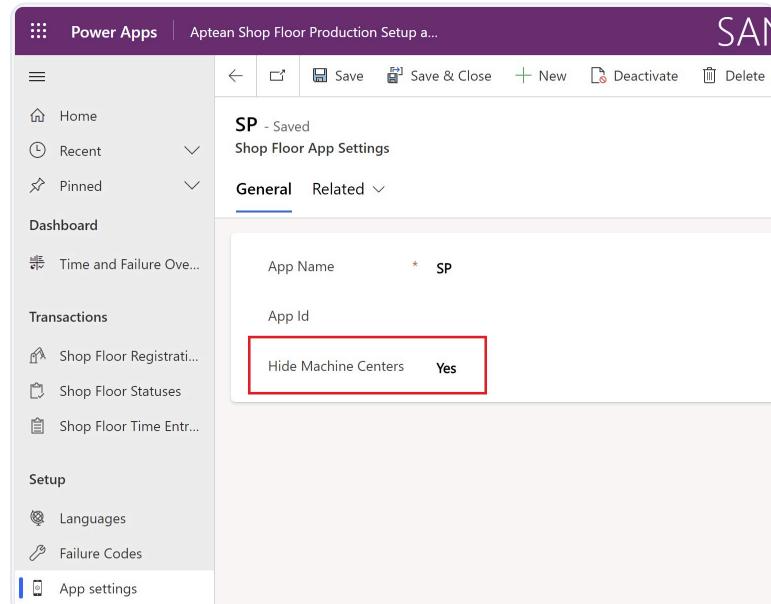
Enhancements/Modifications

The following enhancements have been made in this release:

- Customers using only the Work Centers can now hide the machine centers in the Shop Floor Production Power App. Through the Shop Floor Production Model Driven Power App, the **Hide Machine Centers** field can be set to **Yes** for the **SP Shop Floor Production Setup** record on the **SP Shop Floor App Settings** page.



The screenshot shows the 'Active Shop Floor App Settings' list in the Power Apps interface. The 'Edit' button is highlighted with a red box. The 'SP' record is selected and highlighted with a blue box.



The screenshot shows the 'SP - Saved' record in the 'Shop Floor App Settings' table. The 'Hide Machine Centers' field is highlighted with a red box and has the value 'Yes'.



- The **Quantity**, **License Plate No.** and **Shipping Container** must have values before saving the Output. The **Refresh**, **Cancel**, and **Close** buttons are disabled while saving the **Register Output**, **Register a correction**, and **Register Input**.
- The Production Order List loading speed is optimized. It is recommended to limit the period length specified in the **Date Formula Show Prod. Orders** field on the **Shop Floor Production Setup** page in Business Central.

 **Tip**

As a general guideline, try to avoid loading more than 150-200 orders for each work center to ensure smooth operations. This approach will enhance the speed and efficiency of your production order list.

Resolved issues

The following issue has been resolved in this release:

ID	Description
152252	When the Aptean Weigh Scale extension is installed, the related WSC fields are missing, and errors occur while saving the output corrections.



3.0.120757.0

Release Note • 10/3/2023 • 1 min read

Enhancements/Modifications

Modifications were made to this extension to work in conjunction with the Aptean [Weigh Scale](#) extension. This enables you to post consumption and/or output using a weigh scale for any item with a weight unit of measure.

Integrations

The Aptean Shop Floor Production Power App extension

- Is integrated with the Aptean **Weigh Scale** extension. To know more, see [Integrations](#).
- Enables you to use catch weight items when posting consumption and/or output while using it in conjunction with both the Aptean **Weigh Scale** and Aptean **Catch Weight** extensions.

UI/UX Changes

The following UI/UX changes have been made in this release:

- On the Shop Floor Production Power App, the following fields are added on the input and output pages:
 - **Weight from Scale**
 - **Tare Weight**
 - **Weight Quantity**
- The **Quantity** field is available on the output page if the Aptean **Catch Weight** extension is also used.



2.2.113728.0

Release Note • 8/22/2023 • 1 min read

Enhancements/Modifications

You can now access the comprehensive list of the essential Components on a Production Order using the Aptean Shop Floor Production Power App. This list allows you to view the components associated with the routing line connected to the specific work or machine center you're using. By selecting a work center in the Power App, the system uses the Routing Link Code from Business Central to display the components directly linked to that code on the **Input** page.



2.2.112686.0

Release Note • 8/11/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
140495	While posting the output on the Shop Floor Production Power App in a different time zone than UTC time, and the time in that time zone is already on the next day, the Item Ledger Entry that is created will have a Posting Date for the following day.



2.2.109215.0

Release Note • 7/17/2023 • 1 min read

Resolved issues

The following issue has been fixed in this release:

ID	Description
135887	Unable to post the output through the SFP Power App for a production order line that has multiple routing lines with Machine Center linked to the same Work Center.



2.2.108148.0

Release Note • 7/10/2023 • 2 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production Power Apps, you can

- View the information related to the batching process.
- Use the default batch consumption and default batch output quantities during input and output registration.

UI/UX changes

The following UI/UX changes have been made in this release:

- The **Qty. per Batch**, **Qty. per Batch (WU)**, **Planned Batches**, **Registered Batches**, and **Remaining Batches** are added to the **Register Input** page.
- The **Qty. per Batch**, **Planned Batches**, **Registered Batches**, and the **Remaining Batches** fields are added to the **Register Output** page.
- The number of batches is displayed along with the standard quantity and the UOM on the Production Order list and the individual **Production Order** page.
- The **Switch to batch quantity** and **Switch to standard quantity** buttons are added to the **Input** page.
- The item picture will not be displayed on the **Register Input** and **Register Output** page for items with batch quantities.
- The related weight quantity values of the Catch Weight items are added to the **Input**, **Register Input**, **Output**, and **Register Output** pages.
- The **Weight Qty. output registered** field is added to the **PO Details** page.

Resolved issues

The following issue has been resolved in this release:

ID	Description
114453	When selecting the lot number on the Register Input page, the Lot no. field displays incorrect quantities.



2.1.104012.0

Release Note • 6/16/2023 • 1 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production Power Apps, an error message has been added while re-opening the **Finished Production Orders** processed through *Job Queue*. To know more about *Job Queue* deprecation, refer to [What's new in version 2.0.100805.0](#).



2.1.102651.0

Release Note • 6/8/2023 • 2 min read

Enhancements/Modifications

With this release of the Aptean Shop Floor Production Power Apps, the Aptean Shop Floor Production Work Instruction Setup app now offers support for up to ten SharePoint Document Libraries. Each library has a capacity to hold up to 2000 items. The Workinstructions in Power Apps can load and allow searching and selection from these 2000 items. Any additional items stored in the SharePoint Document Library will not appear in the list and cannot be found using the search function in the Workinstructions.

Note

The SharePoint libraries don't support subfolders, so you cannot use or set up any work instructions in this case.

Resolved issues

The following issue has been resolved in this release:

ID	Description
122272	When the user attempt to manually assign a new work instruction to an item in the Work Instruction Setup app, all the recently uploaded instructions in SharePoint are not displayed while selecting from the list of available records in the Add instruction list.

UI/UX changes

The following UI/UX changes have been made in this release:

1. In the **Add instruction** page, the SharePoint folder displays the Document Library path along with the list of items.
2. The **Backward** and **Forward** arrows are added to run through the Document Libraries Setup.
3. SharePoint folder column is removed from the lines on the **Add instruction** page.



2.0.100866.0

Article • 5/30/2023 • 2 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
114290	In SFP Power Apps, when posting the Co-Product as an output, the expiration date calculation is sourced from the main item instead of the co-product item.
107087	While registering, the production output is not updating bi-directionally (Power Apps and Business Central), leading to an incorrect display of information.
115063	The number of open production orders is not increased when re-opening the finished production orders. The open Production Order does not consider both the lines and header when multiple Production Order lines exists for the same production order.

UI/UX changes

The following UI/UX changes have been made in this release:

- The **Planned Quantity**, **Registered Quantity**, and **Remaining Quantity** fields are added on the **Output Registration** page.
- The **Refresh** button is added on the **Input**, **Input Registration**, **Output**, and **Output Registration** pages to get the latest quantity status from Business Central.
- The layout for the **Register Output** page has been modified to match the layout of the **Register Input** page.
- For unplanned output items a page is added to create the line for the given quantity before starting output registration.
- The description of an output item is displayed on the Input Line for unplanned output items, similar to how it is displayed for Co-Product Output Items.



1.7.96796.0

Article • 5/8/2023 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
118633	In the Aptean Shop Floor Production Power App, when the Production Order status is changed after changing the number of operators, in some cases the system creates a duplicate production order status record instead of updating the existing entry.
114291	In the Aptean Shop Floor Production Power App, when sorting the orders, it is sorted based on only starting date and time of production order line instead of capturing the starting date and time of the Production Order routing line.



1.7.95092.0

Article • 4/29/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
114314	In the SFP Power Apps, when registering a new output, the Expiration date field is non-editable.



1.7.93939.0

Article • 4/29/2023 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
91403	On the Quality Alerts page, incorrect quality alerts reflect when a work center is added, started, or stopped.
111390	On the Output screen, an error occurs while selecting the Register Output action button after saving the output line for a License Plate tracked item.
114291	On the Released Production Orders page, while sorting the orders, it is sorted based on only starting date instead of capturing the starting date and time.



1.7.91977.0

Article • 4/29/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
111891	The Weight Quantity field on the New output line page for Co-Product is not calculated correctly.



1.7.89440.0

Article • 4/3/2023 • 1 min read

Enhancements/Modifications

To improve user experience, the error message that appears when opening PDF work instructions from SFP Production Order has been updated to state "File not found on SharePoint."

Resolved Issues

The following issue has been resolved in this release:

ID	Description
108837	When opening the Instructions page of a production order, the page is not reset and displays the PDF of the previously accessed work instruction.



1.6.88684.0

Article • 12/13/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
94305	In the Production process, when you tap the Register output button for the first time on PowerApps, an error occurs on the Output page. However, the output gets posted on the Released Production Order page in Business Central. The error states, "You cannot assign new numbers from the number series" even though the Manual Nos. checkbox is selected. For more information, see Output registration .



1.5.88247.0

Article • 4/3/2023 • 1 min read

Enhancements/Modifications

Modifications were made to the Shop Floor Production Setup and Monitoring App (Power Apps) to accommodate the changes in Aptean Shop Floor Production extension (Business Central) [version 1.12.88238.0](#).

Note

The fields on the **Shop Floor Production Time Entries** page of the Shop Floor Production Setup and Monitoring App are non-editable.

Resolved issues

The following issues have been resolved in this release:

ID	Description
97535	On the Production Order screen, in the Description field, the text is being cut off after 56 characters instead of 100 characters. On the Input screen, in the Item No. field, the text is being cut off after 6 characters instead of 20 characters.
104639	The number of active orders are displayed incorrectly on the work center.



1.5.79364.0

Article • 4/3/2023 • 1 min read

Resolved issues

The following issue has been resolved in this release:

ID	Description
87589	In Power Apps, the total number of production orders on the order list is inclusive of the finished production orders.



1.5.75047.0

Article • 4/29/2023 • 1 min read

Enhancements/Modifications

Modifications were made for this extension to accommodate the changes in the Aptean Catch Weight extension. To know more see, [What's new in version 2.0.75084.0](#).

UI/UX changes

The following UI/UX changes have been made in this release:

- On the **PO Details** page, the **Weight Quantity planned** and **Weight Qty. output registered** fields are added to show the weight quantity information.
- You can now register the consumption input by tapping anywhere on the consumption item line. The **Register** button that previously performed this action on the **Input** page has been removed.
- The **Register Quantity** field on the **Register Input** and **Register Output** page has been renamed to **Quantity**.
- The **Weight Quantity** field is added on the **Register Input** and **Register Output** page to register the quantity of the Catch Weight items.
- On the **Output** page, the Catch Weight information is added to the output status bar and the Catch Weight UoM is moved to the table header.



1.4.70093.0

Article • 4/3/2023 • 1 min read

Resolved issues

The following issue has been fixed in this release:

ID	Description
87375	Shop Floor Production user settings in the Power Apps are not fetched due to mismatch in user principal.



1.4.68785.0

Article • 4/3/2023 • 1 min read

Resolved issues

The following issues have been resolved in this release:

ID	Description
81070	On the Power Apps platform, while performing the quality check if you click the recheck button before the Save button, a loop is created. This makes the quality check incomplete as the question line is non-editable.
82027	While opening the production order for the first time with the Power Apps platform on a tablet, an error occurs as '-' is used in the field value instead of '0'.
81430	On the Power Apps platform, when the API is slow and the PostProductStatus is not available, the PowerApps code reads the PatchStatus leading to an error.



Introduction

Article • 7/30/2025 • 5 min read

The Aptean Shop Floor Production (SFP) extension enables you to register the input and output of a production order on the shop floor in an easy way. Registering the duration of a production order in different stages can also be done with the Aptean Shop Floor Production extension.

Note

If you are using the Shop Floor Production in Business Central, select the Aptean [Shop Floor Production \(BC\)](#) extension to see the related help document.

This extension consists of the following components:

- Setup in Microsoft Dynamics 365 Business Central
- Shop Floor Production app
- Shop Floor Production Work Instruction Setup app
- Shop Floor Production Setup and Monitoring app

Before registering the input and output on the shop floor, a number of settings must be set in Dynamics 365 Business Central, such as setting up releasing work centers for the Shop Floor Production Power App.

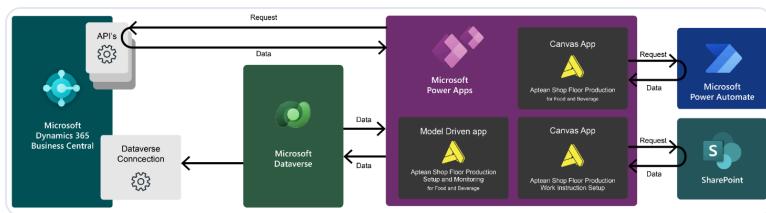
The Shop Floor Production Power App can be used to register the input and output of a production order. Per production order, details, work instructions and comments are shown. When starting with a production order, you can indicate the status of the production order. The status indicates the stage in which the order is, for example whether the order is starting up, paused or when there is a failure. The duration of the status Start-up, Production and Failure are recorded by means of time entries by using the Post Shop Floor Production Time Entries report or schedule the report as a recurring Job Queue Entry.

In the Shop Floor Production Work Instruction Setup app, work instructions can be linked to a work center, to an item, or to a work center - item combination.

The Shop Floor Production and Shop Floor Production Work Instructions can be displayed in different languages. The Shop Floor Production Setup and Monitoring app can be used to set up these languages and translations. Furthermore, this app shows all registrations that were made in the Shop Floor Production Power App.

The registrations in the app are stored in the Dataverse table and posted to Business Central in *Real Time* via APIs. The registrations are processed in Business Central via the Standard Output and Consumption Journals. Firstly, the Journal and Journal Batch Setup needs to be done via the Shop Floor Production Setup. For registration, the following fields are checked:





Note

When you choose real-time posting, the time entries are also sent by the APIs. The shop floor production time entries will be created when you select one of the following production routing status in the Shop Floor Production Power App:

- Start-up
- Production
- Failure

- Prod. Order No.
- Prod. Order Line No.
- Operation No.
- Item No.
- Lot No. (only when Lot No. is required)
- Expiration Date (only when item Tracking Code = "Strict Expiration Posting")
- Unit of Measure Code
- Quantity
- Location (only when Location is mandatory in Inventory Setup)
- Bin Code (only when Bin is mandatory on Location)

If an error occurs while creating the Item Journal Line, a total of 3 attempts are made to create this Item Journal Line. When after 3 attempts an error message still occurs, the processing status of the Order is converted to "Error" in the shop floor production registration entries will be shown in SFP Power Apps. At the same time, the created Item Journal is also converted to an Error batch. Once the error has been resolved, the batch can be manually sent again, and the status will change to "Processed."

For a seamless user experience, ensure the following prerequisites:

- Assign PowerApps licenses to users.
- SUPER users must provide the SHOPFLPRODBASICFDW Permission Set to all users in every company and assign SHOPFLPRODFDW to users that actually use the Shop Floor Production functionality.

This prevents errors in various Role Centers and enables users to receive notifications about function changes or



upgrades.

Note that without the SUPER permission, users can access the extension and PowerApps but cannot customize or edit specific features and fields.

 **Important**

The Aptean Shop Floor Production Power Apps is being deprecated and will no longer be supported after January 28, 2026. To continue receiving updates and support, turn on the **Enable SFP in BC** toggle on the **Shop Floor Production Setup** page to use the Business Central-integrated version. For more information, see [Migrate from Aptean Shop Floor Production Power App](#).



Business Central setup

Article • 10/29/2024 • 1 min read

Before being able to use the Shop Floor Production Power App, the following setup must be done first in Microsoft Dynamics 365 Business Central.

- [Manage permission sets](#)
- [Work centers setup](#)
- [Shop floor production setup](#)
- [Routing line for labor costs](#)
- [Create a production order](#)
- [View the status of a released production order](#)
- [Shop floor production registration entries](#)
- [Use of number series](#)
- [Error handling](#)
- [Production order routing lines status](#)
- [Shop floor production order status](#)
- [Most common errors](#)



Manage permission sets

Article • 10/29/2024 • 3 min read

Permission sets in Business Central define a user's access level to various features and data within this extension.

We provide the following system permission sets:

- Direct
- Indirect

Direct permission sets

Users with this permission set can perform specific actions directly without requiring additional approvals or workflows. These sets include permissions to read, modify, delete, and create data.

The direct permission set ID for this extension is *SHOPFLPRODFDW*.

Indirect permission sets

Users with this permission set can perform specific actions. This is used in conjunction with other permission sets to allow you to perform certain actions. These permissions typically involve additional conditions or approvals before the action can be completed.

The indirect permission set ID for this extension is *SHOPFLPRODBASICFDW*.

User-defined permission sets

In addition to the system permission sets we provide, you can create new permission sets or copy system permission sets and modify or delete access to specific entities according to your requirements. For more information, see [Assign permissions to users and groups](#).

Assign a permission set



1. Select the Search icon  , enter **Users**, and then choose the related link.

The **Users** list page opens.

2. Navigate to the username for which you want to assign the permission set and select it.

The **User Card** page opens.



3. On the **User Permission Sets** FastTab, in the **Permission Set** field, enter the valid permission set for this extension.

The associated fields are automatically updated based on the entered value.

The user has the necessary permissions to use the features of the Aptean Shop Floor Production extension, ensuring secure and role-based access.



Work centers setup

Article • 4/17/2024 • 4 min read

To register input and output in the Shop Floor Production Power App, the work centers must be visible. You can specify whether a Work Center should be visible in the Power App, on a per-Work Center basis. When using machine centers, the machine center follows the setting of the linked work center.

Furthermore, only users who have been assigned to a Work Center can access it within the app. Users with the SUPER role in Office365 can assign users to specific Work Centers.



1. Select the Search icon , enter **Work Centers**, and then choose the related link.
2. On the Work Centers list, select the required **No.** to open the **Work Center Card** page.
3. Turn on the **Show in Shop Floor** toggle to show the work center in the Aptean Food and Beverage Shop Floor Production Power App.
If the Work Center is Blocked, and the **Show in Shop Floor** is set to true, the Work Center is still visible in the Power App.
4. Turn on the **Labor** toggle when the work center must be used for posting labor costs. To ensure that no consumption or output entries can be posted in the Aptean Food and Beverage Shop Floor Production Power App on the work center that is used for labor costs, is it possible to specify either the **Labor** or the **Show in Shop Floor** field, not both.

Note

When you refresh a production order with the **Labor** toggle turned on for the associated work center, the **Run Time**, **Setup Time**, **Wait Time**, and **Move Time** field values in the Prod. Order Routing line will be set to '0' and become non-editable. This is applicable regardless of the production order type.

1. On the action bar, click **More options** > **Related** > **Work Ctr** > **Office365 Users**.
2. Select **New** and enter the e-mail address of the Office365 User.

Note

On the **Posting** FastTab, if the **Unit Cost Calculation** field is set to *Time*, both the direct and indirect costs from the work center will not be posted, and no capacity ledger entry will be created.

The Office365 User is now linked to the Work Center.

When the **Show in Shop Floor** toggle is turned on and office365 users are linked to a work center, the work center will be shown for these users in the Shop Floor Production Power App.



Note

The number of Shop Floor Production users cannot be more than the [Quantity of subscriptions](#) in the [Subscription Overview](#) page.



Shop floor production setup

Article • 4/17/2024 • 7 min read

The following steps outline the shop floor production setup.



1. Select the Search icon , enter **Shop Floor Production Setup**, and then choose the related link.
2. You can set up how a lot number will be assigned to the output lines of a production order when an output is registered on the Shop Floor Production Power App. On the **General** FastTab, in the **Lot No. Per** field, choose the relevant option from the dropdown:
 - *Production Order*: The same lot number will be assigned to all output lines in the production order.
 - *Output Journal*: A different lot number will be assigned to each output line in the production order.
 - *User Defined*: This method offers more flexibility. You can manually change the suggested lot number on the **Register Output** page using the **Generate new lot no.** button.
 - > **[!NOTE]**
 - > If the **Manual Nos.** checkbox is selected on the **No. Series** page of the lot number setup, users can manually edit the lot number on the **Register Output** page in the Shop Floor Production Power App.

Note

When an item with a lot number profile is produced, the lot number assigned to the related output lines is based on the lot number profile setup. For more information, see [Create Lot No. with Lot No. Profile](#).

1. Enter the **Date Formula Show Prod. Orders** field with the period length. It shows the period length of the production orders to send to the Shop Floor Production. If the field is not filled, the period length of the production orders to send to the Power App will be the system date plus one day.
This field specifies the period length in which the production orders should be sent to the Shop Floor Production Power App. Here, you can work with the same date formulas as known within Dynamics 365 Business Central. If this field is not filled, the period length of the production orders to be sent to the Power App is the system date + 1 day.
2. In the **Job Queue Category Code** field, choose the code from the dropdown menu which is used for the Job Task that creates the Quality Checks.
3. In the **Max Recurring Quality Checks** field, enter the number of recurring quality checks that may exist with an open status for a production order. When the maximum number is reached, no new recurring quality checks are created for the production order by the Aptean Quality Control extension. If the value entered is zero, then there is no limit to the maximum number of quality checks. The maximum value applies to both trigger actions Recurring (Time) and Recurring (Output Quantity).
To post the registration entries in Dynamics 365 Business Central, the journal templates for output and consumption are used. For posting time as capacity, the batch names on which the postings takes place must be specified (Output and Error Batch).



4. In the **Display Barcode on Production Order Screen** field, select an option from the dropdown to specify the type of barcode to be displayed on the **Production Order** screen of the Shop Floor Production Power App. The options are:

- *Do not display* – In this case, neither barcode nor QR code will be displayed on the **Production Order** screen.
- *Display Barcode* – The barcode will be displayed on the **Production Order** screen.
- *Display QR Code* – The QR code will be displayed on the **Production Order** screen.

5. Turn on the **Allow Manual Input of License Plate Number** toggle to edit the **License Plate No.** field value in the Aptean Shop Floor Production Power App.

6. In the **Output Expiration Date Calc.** field, select an option based on which the expiration date is calculated in the Aptean Shop Floor Production Power App. The options are:

- *Routing Start Date* – The expiration date will be calculated based on the date value in the **Starting Date – Time** field of the last routing line in the **Prod. Order Routing** page associated with the production order line.
- *Posting Date* - The expiration date will be calculated based on the system date.
- *Item Expiration Setup* - The expiration date is calculated based on the selection made in the expiration setup for specific items. This option is available only when the Aptean Expiration Management extension is installed in conjunction with the Aptean Shop Floor Production extension. To know more, see [Item Expiration Setup](#)

> [!NOTE]

> For this functionality, it is important that the Aptean Expiration Management extension is updated to version [2402.0.0.0](#).

7. In the **Output Journal Template Name** field, select the required journal template used for posting output and time entries.

8. In the **Time Entries Journal Batch Name** field, select the required journal batch used for posting time entries.

9. In the **Time Entries Error Journal Batch Name** field, select the required error journal batch used for storing fault posting lines of the time entries.

10. In the **Consumption Journal Template Name** field, select the required journal template used for posting consumption.

11. Turn on the **Post Time Shop Floor** toggle, to post the time registrations as capacity entries.

12. Turn on the **Restrict Consumption Bin** toggle to filter license plate information in the selected bin.

13. In the **Production Registration Entry Nos.** field, select the required number.

This number series will be used when shop floor production registration entries will be created from shop floor production time entries.

14. In the **Capacity Unit of Measure Minutes** field, select the required Unit of Measure Code.

This is the Unit of Measure Code which reflects the minutes setting. The time duration in the time registrations from the Shop Floor Production Power App are in minutes.



15. On the **Batching** FastTab, turn on the **Default Batch Consumption Quantity** toggle to auto-populate the batch quantity of the component during input registration on the Shop Floor Production Power Apps.
16. Turn on the **Default Batch Output Quantity** toggle to auto-populate the batch quantity of the production order line during output registration on the Shop Floor Production Power Apps.
17. In the **Batch Consumption Quantity Warning** field, you can specify whether to display the warning message if the entered consumption quantity does not match the defined batch quantity for the component line.
18. In the **Batch Output Quantity Warning** field, you can specify whether to display the warning message if the entered output quantity does not match the defined batch quantity for the production order line.
19. On the **Shop Floor Production Setup** page, on the **General** FastTab, when the **Allow Manual Input of License Plate Number** toggle is turned on, the **License Plate No.** field on the **Register Output** screen of the Shop Floor Production Power App can be entered manually for a License Plate Tracked item.

 **Note**

Using the manual mode, you can enter any license plate number. Use caution to input accurate information and avoid potential issues.



Routing line for labor costs

Article • 4/17/2024 • 4 min read

In the Shop Floor Production Power App, the duration of a routing line in the status Start-up, Production and Failure is registered as time registration entries. These entries are sent to Dynamics 365 Business Central and it is possible to post these time entries as capacity costs. Capacity costs are the costs that are associated with internal labor and machine costs. These capacity costs will be registered for the setup time and production time.

The machine costs for the setup time are calculated by the total duration of time entries for a routing line in the status 'Start-up', for the production time the total duration of all time entries with the status 'Production' are used.

The labor costs for the setup time are calculated by the total duration of all time entries for a routing line in the status 'Start-up' times the number of operators who worked on it. This also applies to the calculation of labor costs for the production time, using the total duration of the time entries with the status 'Production'.

Machine costs are posted directly on the linked work center, for the labor costs a separate work center must be created. This work center must be added to the routing and linked to the routing line to which the labor costs apply.



1. Select the Search icon , enter **Routings**, and then choose the related link.
2. Select and click the required **No** from the Routings list to open the **Routing** page.
3. In the **Operation No.** field, enter the operation number for the specified routing line.
4. In the **Routing Line Labor Cost** field, select the required **Routing No.**

When capacity entries are created for labor costs, these will be posted on the routing line linked as routing line labor cost.

Important

The last routing line for a Production Order Line should be used to Show in Shop Floor. Only one Show in Shop Floor Routing Line is supported per Production Order Line.

The Labor Routing Line should be linked to this Show in Shop Floor Routing Line and only one Labor Routing Line is supported per Production Order Line.

In relation to the PRM integration, only the main item may have a Show in Shop Floor Routing Line and/or Labor Routing Line Setup. This doesn't apply for the Co-Product or Unplanned Output Lines.

SFP v2.0 supports scenarios involving multiple routing lines. However, it's important to note that the output quantities are posted only on the last routing line. In cases where it's not the last routing line, the system will generate a capacity ledger entry, aligning with the standard behavior of Business Central.



Create a production order

Article • 4/17/2024 • 2 min read

When all setup is done, a production order can be created to use in the Shop Floor Production Power App. The production order is shown in the Shop Floor Production Power App if it meets the following points:

- The production order has the status 'Released'.
- The **Show in Shop Floor** toggle on the work center card is turned on for the work centers linked in the routing of the production order and also it will be last routing line in the production order line.
- The user who has logged in to the Shop Floor Production Power App is linked to the work centers linked in the routing of the production order.

If the status of a production order with the status 'Firm Planned' or 'Planned' will be changed to the 'Released' status, the system does several checks and add some extra data that is required for the Shop Floor Production Power App. The system performs the following checks when changing the status of a production order to 'Released':

- In the **Inventory Setup**, if the **Location Mandatory** is true, check whether the Location is filled in the Prod. Order Line and Component lines.
- In the **Location Setup**, if the **Bin Mandatory** is true, check whether the Bin Code is filled in the Prod. Order Line.

These checks are performed after changing the status of the production order to 'released'. When creating a released production order immediately and the location and/or bin code is required, an error occurs when registering the output or consumption.

The system also fills the predefined lot number in the production order Line with the next lot number from the lot no. series from the Item card. If no lot no. series exists, the system will give an error.

Note

The Shop Floor Production Power App specifically accepts only Source as an item and Sales Order; other options are not supported.



View the status of a released production order

Article • 4/17/2024 • 2 min read

You can access the Shop Floor Production Order Status page from the **Released Production Order** page. You can also view shop floor production order status for each line type individually.

The following procedure describes how to perform this activity.



1. Select the Search icon  , enter **Released Production Orders** and then choose the related link.

The **Released Production Orders** page opens.

2. Select the preferred **No.**

The **Released Production Order** page opens.

3. On the **Lines** FastTab, select **Line > Routing**.

The **Prod. Order Routing** page opens.

4. Select the preferred **Operation No.** and then select **Shop Floor Production Status** on the action bar.

The **Shop Floor Production Status** page opens.

This page displays the status of the production orders associated with the defined entry in the **Prod. Order Routing** page.



Shop floor production registration entries

Article • 4/17/2024 • 14 min read

When consumption and/or output registrations are made in the Shop Floor Production Power App, these registrations are saved in the Dataverse table in Shop Floor Production Registration and posted via API as consumption and/or output in Business Central.

When all entries are posted for a production order, the production order can be finished in Dynamics 365 Business Central. When the status of a production order is changed which have existing unprocessed shop floor registration entries entry type Time, an error is shown.

Shop floor production time entries

Shop floor production time entries will be created when the user selects one of the following production routing status in the Shop Floor Production Power App:

- Start-up
- Production
- Failure

When a production routing status is selected in the Shop Floor Production Power App, a time entry is created in Dataverse and the start time is noted. When the status is changed, the end time is filled, and the time entry made is sent to Dynamics 365 Business Central.



Select the Search icon , enter the **Shop Floor Production Time Entries**, and then choose the related link.

All created time entries are shown.

You can also access Shop Floor Production Time Entries from Released Production Order. The following procedure describes how to perform this activity.



1. Select the Search icon , enter **Released Production Orders** and choose the related link.

The **Released Production Orders** page opens.

2. Select the preferred No.

The **Released Production Order** page opens.

3. On the action bar, select **Related > Order > Entries > Time Entries**.

The **Shop Floor Production Time Entries** page opens.

You can view the following details associated with the defined released production order.

Field	Description
-------	-------------



Entry No.	Specifies the number of the production time entry.
Prod. Order No.	Specifies the number of the production order related to this entry.
Prod. Order Line No.	Specifies the line number of the production order that is related to the entry.
Operation No.	Specifies the number of the production operation related to the entry.
Work Center	Specifies the number of the work center that is related to this entry.
Work Center Name	Specifies the name of the work center that is related to this entry.
Machine Center	Specifies the number of the machine center that is related to this entry.
Number of Operators	Specifies the number of operators who worked on the production order.
Shop Floor Control Status	Specifies the status of the production order routing line that is related to this entry.
Starting Date Time	Specifies the starting date and starting time of this time entry.
Ending Date Time	Specifies the ending date and ending time of this time entry.
Duration in Hours	Specifies the duration of this time entry in hours. This is the time that the routing line had the specific Shop Floor Production Status.
Duration in Minutes	Specifies the duration of this time entry in minutes. This is the time that the routing line had the specific Shop Floor Production Status.
Labor Duration in Hours	Specifies the labor duration of this time entry in hours. This is the total time that the operators have worked on a routing line in a specific status.
Labor Duration in Minutes	Specifies the labor duration of this time entry in minutes. This is the total time that the operators have worked on a routing line in a specific status.
Posted	Specifies if a Production Registration Entry has been created.
Production Registration Entry No.	Specifies the Production Registration Entry No. in which the Time Entry is processed to post as Capacity Cost.
Production Registration Labor Entry No.	Specifies the Production Registration Entry No. in which the Time Entry is processed to post as Capacity Labor Cost.



Corrected	Specifies if the time entry was corrected in Business Central.
Item No.	Specifies the number of the item that is related to this entry.
Item Description	Specifies the description of the item related to the entry.

 Note

The entries will be displayed only if the **Show in Shop Floor** toggle is turned on in the associated **Work Center Card** page.

1. On the action bar of the **BC Time Entries** Subpage, select **New**.

The **BC Time Entries** page opens.

 Note

The **BC Time Entries** Subpage is only visible when the **Shop Floor Production Time Entries** are accessed from the **Released Production Order** page.

The **BC Time Entries** subpage is only visible when there are existing entries on the **Shop Floor Production Time Entries** for the associated **Released Production Order**.

Once the **Posted** checkbox is selected in the **Shop Floor Time Entries**, you cannot edit the time entries, whereas to register further operations, you can create a new entry in **BC Time Entries**.

1. On the **General** FastTab, fill in the following fields.

Field	Description
Entry No.	Specifies the number of the production time entry.
Prod. Order No.	Specifies the number of the production order related to this entry. It gets inherited from the specified released production order.
Prod. Order Line No.	Specifies the line number of the production order that is related to the entry.
Operation No.	Specifies the number of the production operation related to the entry.
Work Center	Specifies the number of the work center that is related to this entry. The value is inherited from the production routing line associated with the production order.
Work Center Name	Specifies the name of the work center that is related to this entry. The value is inherited from the production routing line associated with the production order.
Machine Center	Specifies the number of the machine center that is related to this entry. The value is inherited from the production routing line associated with the production order.



Number of Operators	Specifies the number of operators who worked on the production order.
Shop Floor Control status	Specifies the status of the production order routing line that is related to this entry.
Starting Date Time	Specifies the starting date and starting time of this time entry.
Ending Date Time	Specifies the ending date and ending time of this time entry.
Duration in Hours	Specifies the duration of this time entry in hours. This is the time that the routing line had the specific Shop Floor Production Status. This value is calculated automatically based on the starting date time and ending date time. This field cannot be edited.
Duration in Minutes	Specifies the duration of this time entry in minutes. This is the time that the routing line had the specific Shop Floor Production Status. This value is calculated automatically based on the starting date time and ending date time. This field cannot be edited.
Labor Duration in Hours	Specifies the labor duration of this time entry in hours. This is the total time that the operators have worked on a routing line in a specific status. This value is calculated automatically based on the starting date time, ending date time, and number of operators. This field cannot be edited.
Labor Duration in Minutes	Specifies the labor duration of this time entry in minutes. This is the total time that the operators have worked on a routing line in a specific status. This value is calculated automatically based on the starting date time, ending date time, and number of operators. This field cannot be edited.

Post shop floor production time entries

When the Production Time Entries are created, you can post these as capacity entries. To be able to post the time entries the **Post Time Shop Floor** Checkbox on the **Shop Floor Production Setup** page must be turned on.



1. Select the Search icon , enter **Post Shop Floor Production Time Entries**, and then choose the related link.

The **Post Shop Floor Production Time Entries** report page opens.

2. On the **Options** FastTab, turn on both the **Process Time Entries** and **Post Shop Floor Production Registration Entries** toggles to combine all the time entries with **Entry Type** as *Time* into Shop Floor Production Registration Entries. Subsequently, these merged entries will be posted as Capacity. This reflects the available resources or capacity in your system.

Alternatively, turn on only the **Post Shop Floor Production Registration Entries** toggle, which instructs the system to specifically identify unposted Shop Floor Production Registration Entries with **Entry Type** as *Time* and



Status as *Not Processed*. Then, the system will proceed to post all the entries as Capacity.

 **Note**

The system throws errors during the initial posting of time entries because of missing setup information (e.g., General Ledger accounts). This can result in unposted Shop Floor Production registration entries with the *Not Processed* status. The **Post Shop Floor Production Registration Entries** toggle enables you to post unprocessed entries.

3. On the **Filter** FastTab, set filters based on which time entries should be posted.

4. Select **OK**.

After posting the time entries, a Shop Floor Registration Entry of type Time is created. This entry is posted as a capacity entry by means of an item journal.

You have two possibilities while posting time in shop floor:

- If you select **No**, then time entry will be shown in Business Central in the production order and can be used for reporting purposes. The registered time is not posted as a capacity entry
- If you select **Yes**, then the time will be posted as a capacity entry. This requires a special setup of the Routing:
 1. First, create one or multiple Labor Work Centers. *Show on Shop Floor* must be false.
 2. The efficiency factor of this labor work center must have a high value, so the run time of this operation doesn't influence the lead time of the production order.
Alternatively, you can work with parallel routings.
 3. Add the labor work center as a separate line to the routing, but don't do this on the last line of the routing.
The last line is always used for registering the output in the inventory and this must contain the work center that is shown in the Shop Floor Production.
 4. Create a link to the Labor Work Center in the routing line which contains the Work Center which is shown in the Shop Floor Production in the field *Routing Line Labor Cost*.

The time entry is created automatically in Business Central, but posting has to be done manually or by scheduling the report as a recurring job queue entry. You can't change a production order to Finished before capacity is posted (if *Post Time in Shop Floor* is set as yes).

 **Note**

If you also use the [Aptean Food and Beverage License Plating](#) extension, the Job Queue copies the entry to the Shop Floor Registration table, including the License Plate No.

While creating Item Journal Output or Item Journal Consumption record, if the item is license plate tracked, then the Item Tracking line will also contain the License Plate No.



 Note

The **Posted** checkbox on the **Shop Floor Production Time Entries** page is only selected for the *Start-Up* and *Production* operations of the associated **Released Production Order**.

Post capacity for time entries

The Shop Floor Production Registration Time Entry allows recording the time dedicated to production time for each cost calculation. Linking the costs to the recorded time ensures accurate financial tracking and auditing.

1. Create a **Released Production Order** in Business Central.
2. **Register** the time in SFP Power App by changing its status after a few minutes.
3. **Finish** the open order in SFP Power App.
4. Run the **Post Shop Floor Production Time Entries** report in Business Central to process the created time entries as Shop Floor Production Registration Entries and then post them via the **Output Journal** as Capacity Costs.

 Note

The report will skip the **Shop Floor Production Registration Entries** created for time entries that have already been posted.

1. Time entry shows the **Shop Floor Production Registration Entry No.** and **Shop Floor Production Registration Entry Labor No.** of the entries that have been created.

The **Total Set-Up** and **Run-Time** of the combined Time Entries for the **Set-Up** and **Production Time** are also created. Now, the time entries with the **Shop Floor Production Registration Entry No.** and **Shop Floor Production Registration Entry Labor No.** are created, and the **Capacity Ledger Entries** based on the setup are posted.

 Note

You can run the report manually when it is scheduled for the *Job Queue* processing.

The report can only be executed when the **Post Shop Floor Production Registration Entries** toggle is turned on. This condition ensures that entries can be posted after corrections have been made on the Shop Floor Production Registration Entry Type. For example, **Entry Type** as *Time* which was previously in an error state has now been reset to the status of *Not Processed*. When the **Post Shop Floor Production Registration Entries** toggle is turned on, the report will not generate any new **Registration Entries**. Instead, it will solely post the Shop Floor Production Registration Entry Type as *Time* that will be pending as capacity.



 Note

If you run the **Post Shop Floor Production Time Entries** report in Business Central after manually creating **BC Time Entries** with the status *Production* and *Start-up*, the system creates **Capacity ledger Entries** accordingly. For more information, see [Post Shop Floor Production Time Entries](#).



Use of number series

Article • 4/17/2024 • 1 min read

On the **Shop Floor Production Setup** page, on the **Posting** FastTab, in the **Production Registration Entry No.** field, select or enter the required value.

It generates the number series for creating Shop Floor Production Registration Entries based on time entries.

Note

Make sure to give a unique number series, (i.e., a, b..z, A, B..Z). Both the time entries and shop floor registration entries will not be sent to Dataverse. Hence, you can use the same number series for each company.



Error handling

Article • 4/17/2024 • 2 min read

While handling the **Shop Floor Registration Entries** to post the time as Capacity, they run into an error. Depending on the cause of the error, the **Item Journal Line** will not be created, or posted.

Note

The cause of the issue is visible in the **Error Text** field on the **Shop Floor Production Registration Entries** page. Then, while posting, the failed **Item Journal Lines** will be moved to the **Output Error Journal**. After resolving the cause of the error, you can post the **Error Journal**. In this case, the Shop Floor Production Entries will be changed to status *Processed*, and the Capacity will be posted.

1. You can also delete the lines from the **Error Journal**. In this case, the Shop Floor Production Registration Entries will be changed to the status *Not Processed*, and the **Post Shop Floor Production Time Entries** report can be run again with the **Post Shop Floor Production Registration Entries** toggle turned on. This report will post all the **Shop Floor Production Registration Entries** with the status *Not Processed*. As a result, the status will be changed to *Processed*, and the Capacity will be posted.
2. When the error blocks the creation of the **Item Journal Line**, the status of the lines can be changed back to *Not Processed* after resolving the error. Then, the **Post Shop Floor Production Time Entries** report can be run again with the **Post Shop Floor Production Registration Entries** toggle turned on. This report will post all the **Shop Floor Production Registration Entries** with the status *Not Processed*. As a result, the status will be changed to *Processed*, and the Capacity will be posted.

Note

- If an error occurs during creating the item journal line, a roll back will be done and the number of attempts will be increased in the Production Registration Entry. Three attempts are made before the status of the entry changed to Error. After resolving the error journal batch, post the **Item Journal** manually. The status in the Production Registration Entry will be changed to *Processed*.
- You can change the status of the entries by performing the **Change Status Processed** action on the **Shop Floor Production Registration Entries** page.



Production order routing lines status

Article • 4/17/2024 • 2 min read

In the Shop Floor Production Power App, you can indicate the status of the production order routing line. The production order information of all released production orders with the status the routing line is currently in from the Shop Floor Production Power App.



Select the Search icon  , enter **Prod. Order Routing Status**, and then choose the related link.

The routing line information of all released production orders with the current status from the Shop Floor Production Power App are shown. The current status of the routing line is also shown on the production order routing line page in the production order.

Note

The **Capacity Ledger Entries** are updated with each Routing Line to track resources, such as labor hours, machine usage, and overhead costs from previous operations. However, the **Item Ledger Entries** are updated only against the final Routing Line.



Shop floor production order status

Article • 4/17/2024 • 3 min read

You can see the status of any released production order on the Shop Floor Production Status page. This page gives an overview and the latest routing status regarding the associated released production order. The following procedure describes how to perform this activity.



Select the Search icon  , enter **Shop Floor Production Status** and then choose the related link.

The **Shop Floor Production Status** page opens.

The following fields are displayed on this page:

Field	Description
Entry No.	Specifies the number of the production status entry.
Prod. Order No.	Specifies the number of the production order related to this entry.
Prod. Order Line No.	Specifies the line number of the production order that is related to the entry.
Item	Specifies the default name assigned to the item on related documents such as orders or invoices. This description can be translated to show up in the language of the customer or vendor.
Description	Specifies the description of the defined item.
Operation No.	Specifies the number of the production operation related to the entry.
Number of Operators	Specifies the number of operators who worked on the production order.
Shop Floor Control Status	Specifies the status of the prod. order routing. This status is set up in the Shop Floor Production app.
Starting Date Time	Specifies the starting date and starting time of this time entry.
Ending Date Time	Specifies the ending date and ending time of this time entry.
Recurring Value	Specifies the recurring value of this time entry.
Total Production Time in Minutes	Specifies the total production time in minutes of this time entry. This is the time that the routing line had the specific Shop Floor Production Status.
Quality Trigger Recurring Check	Specifies the quality trigger recurring check of this time entry.



Work Center No.	Specifies the work center number associated with the time entry.
Total Output Quantity	Specifies the total output quantity of this time entry.
Failure Code	Specifies the code stating the reason behind the failure of the Released Production Order. This value is inherited from Power Apps.
Failure Text	Specifies the descriptive text that accompanies the failure code. It provides further details regarding the failure code. This value is inherited from the Power Apps.

 Note

The value of **Failure Code** and **Failure Text** fields are inherited from PowerApps and are in sync with **Shop Floor Production Time Entries** associated with the **Released Production Order**.



Most common errors

Article • 6/5/2024 • 2 min read

This table provides a comprehensive overview of common errors encountered in the Aptean Shop Floor Production extension and effective solutions to resolve them.

Error
You cannot see a work center in the Power App.
You can see a work center, but no production orders are shown, but production orders are present in Business Central.



	<p>production orders will be shown up to work date + date formula. Production order has <i>Released</i> status. Shop Floor Production license is enabled in Business Central.</p>
<p>The item is lot tracked but you can't enter a Lot Number in the Output Registration.</p>	<p>The Routing Line with the work center is not the last line of the Production Order Routing. You can still enter a quantity, but this quantity doesn't change the inventory and is only registered in the Capacity Entry.</p>
<p>Entries of Type Time in Shop Floor Registration Entries in Business Central are not processed.</p>	<p>Run the Post Shop Floor Production Time report by turning on the Post Shop Floor Production Registration Entries toggle to retry posting capacity for the Time registered via Output Journal.</p>
<p>Entries of Type Time in Shop Floor Registration Entries in Business Central are in Error state.</p>	<p>The Item Journal Line is created and moved into the Error Journal.</p>



	<p>resolve the error and post the Error Item Journal Lines. When the Item Journal Line is not created, resolve the error and change the status to <i>Not Processed</i> for the Shop Floor Production</p> <p>Registration Entry via Actions and run the Post Shop Floor Production Time Entries by turning on the Post Shop Floor Production</p> <p>Registration Entries toggle to retry posting capacity for the Time registered via Output Journal.</p>
<p>You receive a notification, <i>GetSalesCommentLines failed</i> while opening a production order</p>	<p>Install the Aptean Advanced Comments extension and turn on the Allow HttpClient Requests toggle on the respective Extension Settings page.</p>



Selecting a production order in the Shop Floor Production app

Article • 7/19/2023 • 5 min read

Before registering the input and output on a production order, the correct production order must be selected in the Shop Floor Production Power Apps. Production orders are displayed depending on the Company, Work Center and Machine Center.

On the first page, choose your language. By default, the language is set to the language of the device you are working on. Translations and language options are set up in the Shop Floor Production Setup and Monitoring app. If the language of the device is not adjustable, English will be selected by default.

The date and time format fields on the Shop Floor Production Power App change according to the selected language. The table below shows the languages and their respective date and time formats.

Language Code	Language Name	Date Format	Date-Time Format
da-DK	Danish (Denmark)	dd-mm-yy	dd-mm-yy HH:mm
de-DE	German (Germany)	dd.mm.yy	dd.mm.yy HH:mm
en-US	English (United States)	mm/dd/yy	mm/dd/yy hh:mm tt
en-AU	English (Australia)	dd/mm/yy	dd/mm/yy h:mm
en-CA	English (Canada)	yy-mm-dd	yy-mm-dd h:mm
en-GB	English (Great Britain)	mm/dd/yy	mm/dd/yy h:mm
en-NZ	English (New Zealand)	yy/mm/dd	yy/mm/dd h:mm
es-ES	Spanish (Spain)	dd/mm/yy	dd/mm/yy h:mm
fr-FR	French (France)	dd/mm/yy	dd/mm/yy HH:mm
fr-BE	French (Belgium)	dd-mm-yy	dd-mm-yy HH:mm
fr-CA	French (Canada)	yy-mm-dd	yy-mm-dd HH:mm
nl-NL	Dutch (Netherlands)	dd-mm-yy	dd-mm-yy HH:mm
nl-BE	Dutch (Belgium)	dd/mm/yy	dd/mm/yy H:mm

On the pages with data you can refresh the information. When selecting refresh the most current data is retrieved. It is important to know that it is necessary to be online to see the most up-to-date information.



Company

When opening the app, the desired company must first be selected. All companies in your Microsoft Dynamics 365 Business Central are displayed.

- Select a company.

Work Center

After the company has been chosen, the Work Centers of the chosen company are displayed. Dynamics 365 Business Central allows you to view the number of open released production orders per Work Center. The work centers that are shown meet the following requirements:

- In the setup of the Work Center in Dynamics 365 Business Central is indicated that the Work Center will be visible in the app. When in the setup of the Work Center, the Work Center is blocked, but the setup indicates that it will be visible in the app.
- The Office365 User who is logged into the app must be set up as user of the Work Center in Dynamics 365 Business Central.
- Select a work center.

Machine Center

The machine center screen will only be visible when a machine center is linked to the selected work center and there is more than one machine center in the selected work center.

Note

When multiple machine centers are available within the work center, you can view the list of machine centers along with their associated production orders, regardless of whether any specific machine center has active production orders.

- Select a Machine Center

Important

In the routing lines, you can add a work center with an associated machine center for planning purposes. However, the production orders are displayed in the Aptean Shop Floor Production Power App only when the work center is replaced by the associated machine center. Additionally, the system will not display the related routing lines with work centers that have associated machine centers.



Production Order

The available Production Orders Routing Lines are displayed. Production Orders are displayed when they meet the following:

- The Work Center Routing Line must be linked to a Work Center.
- The status of the order must be Released.
- The starting date of the order must be within the System date + the date filter set in the Shop Floor Production Setup in Dynamics 365 Business Central.
- There is a choice whether Finished Orders should be visible in the overview. If there is a checkmark at the bottom of the **Show finished production orders** page, finished orders are visible. If the order is still active in Business Central, the Finished Production Order can be reopened. Otherwise, the list will be refreshed and the Finished Production Order will be removed from the list.
- Select a Production Order.

! Note

A message appears stating that the Aptean Advanced Comments for Food and Beverage extension is not installed. The future release integration will be changed to resolve this behavior. However, this error does not

impact the functioning of the extension.



Processing in the Shop Floor Production app

Article • 7/10/2024 • 18 min read

Once you have selected a production order in the Shop Floor Production Power App it will navigate to the start page of the production order.

The following actions can be taken from the start page:

- Show Work Instructions
- Show Input Components/Register Consumption
- Show Posted Output/Register Output
- Read Production Order Details
- Change Status Production order
- Read Production Order Comments
- Show Quality Checks
- Scan barcode or QR code

Progress bars in the tiles visualize the progress of the input and output registration. The progress of the input is calculated based on the number of consumption lines that are fully registered. Lines that are 'back flushed' or 'forward flushed' are not included in the bar, but mentioned separately. For the output progress, a percentage is calculated based on the finished quantity compared to the planned quantity.

Note

The barcode or QR code is displayed on the **Production Order** screen if the option to display is selected in the **Shop Floor Production Setup** page in Business Central.

Statuses

For each production order routing line the status can be tracked. These production order routing line statuses will be communicated to Dynamics 365 so the status can always be tracked. By default, the status will be "Not started".

The duration during which the routing line is in the status 'Start-up', 'Production' or 'Failure' is tracked. This duration will be saved as time entries which are forwarded to Dynamics 365 Business Central. In Dynamics 365 Business Central these time entries can be used for informational purposes or posting capacity entries.

You can select any one of the statuses, including Production, Pause, Failure, and Stop. For the status 'Start-up', 'Production' and 'Failure' the duration will be shown in hours and minutes.



Number of operators

To record time entries used for labor costs, it is important to indicate how many operators(employees) are working on the order. As default is one employee selected.

1. Enter the plus or minus icon to enter the number of employees working on the order.
2. You can change the number of operators when the production order routing status is 'Not started', Pause, or 'Stop'.

Finish the Production Order

Once the order is ready, the status can be changed to 'Finished'.

1. Select the **Stop** button.
2. Select the **Order is finished** button.

When you select 'Not yet' button, the status of the order is changed to 'Stopped'. This status can be used when the order is completed at a later time.

The order is now finished. If the **Show finished production orders** checkmark is selected, the finished production order is shown.

1. Select the **Re-open** button.

After re-opening the production order, the status automatically changes to 'Stop'.

Track and record production failure

You can now track and record information related to production failures within a manufacturing or production environment. You can track Failure Codes and Failure Text when setting a work center to *Failure* and when production resumes after a failure. For this, you must first have a released production order with the **Show in Shop Floor** toggle turned on. The following procedure describes how to perform this activity:

1. Launch the Shop Floor Production Power Apps and select the Work Centre associated with the released production order.
2. Select the Production Order you want to work on.
3. Click **Start-up** to begin the production process.
4. Click **Failure** when a failure occurs.
5. Select a **Failure Code** from the available options on the pop-up window.
6. Enter a detailed **Failure Text** to describe the issue.
7. Click **Save**.



Alternatively, click **Don't know yet** if you are unaware of the reason for failure.

You can review this information on the **Shop Floor Production Status** and **Shop Floor Production Time Entries** tables in Power Apps and the **Shop Floor Production Failure Time Entries** and **Shop Floor Production Status** pages in Business Central. The **Shop Floor Control Status** field displays the updated production status. You can also view the **Failure Code** and **Failure Text** on these pages. You can also view the duration of the production in that specific status.

After recording the failure, you can resume production after taking the necessary corrective actions.

8. Click **Production** to restart the production order when you are ready to continue.

If you selected **Don't know yet** in step 7, you must enter the **Failure Code** and **Failure Text** to restart production and then click **Save**.

Instructions

With the Shop Floor Work Instruction Setup app you can add work instructions which are shown in the Shop Floor Production Power App.

1. Select the **Instructions** button.

2. Select a work instruction.

The selected work instruction is shown.

3. Select the **Back** Button.

Input registration

The input of a production order can be registered in the Shop Floor Production Power App. The app shows all items from the BOM that is linked to the production order.

1. Select the **Input** button.

You can register the input on the line depending on the Flushing Method that is selected on the **Item Card** in Dynamics 365 Business Central. When the **Flushing Method** is set to *Manual* you can register consumption.

2. You can now register consumption input by tapping anywhere on the line of the consumption item.

The **Input register** pop-up will be shown.

3. Enter the quantity to be registered in the **Quantity** field.

Note

In the **Weight Quantity** field, you can enter the quantity of the Catch Weight item to be registered.



The quantity that still needs to be registered for this item is shown on top of the screen. It is however possible to register more items or less.

The moment the item is Lot Tracked, the Lot No. Must be registered. Lot numbers that are linked to the item are displayed. The following lot numbers are not shown:

- Lot numbers that are blocked.
- Lot numbers with an Inspection status for which the Production Consumption Availability type is blocked.
- Select the required **Lot No.**

You can see the **Expiration Date** and the remaining lot **Quantity** in the inventory when selecting a specific **Lot No.**

When on the **Location Card** in Dynamics 365 Business Central, **Bin mandatory** is set to 'true', the Bin Code must also be selected. The Bin codes for which the item and (if applicable) the lot numbers are found are shown in the list. After selecting a Lot No. the first Bin Code in the list is selected per default.

1. Select the required **Bin Code**.

2. Enter the **Comment**.

This is an optional field.

3. Select the **Save** button.

Now the input quantity is registered.

To quickly understand if enough input was already registered for each line, a colored circle is shown next to the registered quantity. A green icon indicated the exact quantity that was planned is also registered. A blue icon indicates less was registered. A yellow icon indicated more than planned was registered.

1. Select the **Back** Button.

Note

If you also use the Aptean [License Plating](#) extension, in the Input Register pop-up, if the item is on a license plate tracked location, you can enter the Register Quantity and then choose the License Plate No. and the Lot no. that contains the item.

Batch quantities on the input page

When the Aptean [Process Manufacturing](#) extension is installed, you can define the batch quantities for a specific item.

You can also view the information related to the batching process, enabling the identification of the necessary quantities for production.

The system checks whether the Input Quantity Per Batch field has a value greater than zero on the component lines in the **Production Order** line. If it has a value greater than zero, the following fields are displayed.



- Qty. per Batch
- Qty. per Batch (WU)
- Planned Batches
- Registered Batches
- Remaining Batches

The batch quantity is displayed on the **Input** page.

If the **Default Batch Consumption Quantity** toggle is turned off on the Shop Floor Production Setup page in Business Central, the system will not suggest the batch quantity of the item on the Register Input page. If the toggle is turned on, the system automatically fills the related batch consumption quantity in the **Quantity** field.

 **Note**

When the **Batch Consumption Quantity Warning** field is set as *Warning*, a warning message appears to notify that the quantity entered in the **Quantity** field is different from the **Qty. per Batch**.

If the **Switch to batch quantity** button is selected on the **Input** page, the related **Qty. per Batch**, **Planned Batches**, **Registered Batches**, and **Remaining Batches** values of the item are displayed on the page. You also switch to the standard quantities by selecting the **Switch to standard quantity** button. If you don't use the batching setup, the system will display the standard output quantity as it did before.

 **Note**

When the selected item is a Catch Weight item, the batch quantity values are also shown for its weight quantities.

Output registration

The output of a production order can be registered in the Shop Floor Production Power App. The output can be registered, and the registered lines are visible in the app. It is also possible to correct a registered output line. It is only possible to register output if the routing line status is 'Production'.

1. Click the **Output** button.
2. Click the **Register output** button.
The output register pop-up will be shown.
3. Enter **Quantity**.



 Note

* In the **Weight Quantity** field, you can enter the quantity of the catch weight item to be registered. * You can set up a default output quantity in Microsoft Dynamics 365 Business Central and use it in the Shop Floor Production Power App. For more information, see [Default Output Quantity](#). * The system takes the value of the Predefined Lot No. from the production Order Line and adds 00. Depending on the setup in Dynamics 365 Business Central, a **Lot No.** will be linked to the output. If the field 'Lot no. per' is set to *User Defined*, the app offers the possibility to select the button 'Generate new Lot No.', which will create a new Lot No. * In case the **Lot No. Per** field on the **Shop Floor Production Setup** page is not set to *User Defined*, a number series line should be set up, and manual lots are not supported. The same applies to Lot No. Profile. In this case, a number series line should be set up, and manual lots are not supported. For more information, see [Lot Profile Integration](#).

4. Click the **Generate new lot no** button.



5. Click **Open calendar to select a date** .

The system calculates the expiration date based on the option selected in the **Output Expiration Date Calc.** field and the Expiration Calculation from the item card in Dynamics 365 Business Central. It is allowed to change the expiration date. If a Lot No. already exists in the registered output lines, the expiration date is the same date as the registered output. It is not possible to change this expiration date anymore. If the 'Expiration Calculation' is empty or zero, the expiration date will be equal to the system date. To know more about the options in the **Output Expiration Date Calc.** field, see [Shop Floor Production Setup](#).

6. Select a date.

7. Click the **Ok** button.

8. Enter **Comment**.

This is an optional field.

If you also use the Aptean [License Plating](#) extension, on **Output** screen, select **Register Output** to open new output line pop-up. Click the **Generate new license plate no**. You can also enter the license plate number manually.

 Note

For a License Plate Tracked item, you can now manually fill the **License Plate No.** field on the **Register Output** screen, when the **Allow Manual Input of License Plate Number** toggle on the **Shop Floor Production Setup** page in Business Central is turned on.

The **Allow Manual Input of License Plate Number** field is available on the **Shop Floor Production Setup** page only when the [License Plating](#) extension is installed.

