

UiPath Accelerators for SAP® ECC® and SAP S/4HANA® for Manufacturing

Quickly launch your manufacturing automations

Jump start your Manufacturing automations in SAP with our Accelerators for SAP ECC and SAP S/4HANA for Manufacturing. The Accelerators provide bundles of pre-built activities for common manufacturing and supply chain processes. They also allow you to build automations quickly without requiring in-depth knowledge of SAP BAPI.



Benefits

- Stable and reliable robots
- Accelerate SAP RPA and SAP Testing
- Support both UI and API automations
- Jump start SAP automation projects
- Increase productivity
- Easy download from UiPath Marketplace

Sample use case: managing the Bill of Materials

The Bill of Materials (BoM) is an extremely important artifact in the manufacturing process. It contains information on all the necessary parts to build the final product. It is therefore crucial to carefully but also efficiently create or update a BoM, as errors would prove very costly for the manufacturer.

The activities in the Accelerators for manufacturing such as “Create or change the material BoM” help eliminate errors from manual changes, ensure regulatory compliance and strengthen the supply chain processes.

4 steps to get started

1. Download the Accelerator from UiPath Marketplace
2. Read the Accelerator documentation
3. Install the SAP BAPI Activities package in Studio
4. Build your automations!

Download here

[UiPath Accelerator for SAP ECC for Manufacturing](#)

[UiPath Accelerator for SAP S/4HANA for Manufacturing](#)



Which automations are included in the UiPath Accelerator?

The UiPath Accelerators for SAP ECC and SAP S/4HANA for Manufacturing include the following pre-built activities. Input data is typically submitted in an Excel file.

Create or change the material BoM **CS01**

This automation creates or changes the material BoM.

Component Name (BAPI)
SRC_BAPI_BOM_UPLOAD_SAVE_v2.2

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Maintain networks (incl. all objects) **CN02**

This automation edits network headers, activities and relationships. Multiple operations on the network objects can be carried out with one call.

Component Name (BAPI)
SRC_BAPI_NETWORK_MAINTAIN_v2.2

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Create a planned order **MD11**

This automation creates planned orders with BoM explosion or with manual entry of components.

Component Name (BAPI)
SRC_BAPI_PLANNEDORDER_CREATE_v2.2

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Delete a planned order **MD16**

This automation deletes a planned order from the database. It will delete all corresponding data such as capacity and components when it is executed.

Component Name (BAPI)
SRC_BAPI_PLANNEDORDER_DELETE_v2.2

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Create a production order **CO01**

This automation creates a production order (order to produce a quantity of goods).

Component Name (BAPI)
SRC_BAPI_PRODORD_CREATE_v2.2

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Release a production order **CO05**

This automation releases a production order (order to produce a quantity of goods).

Component Name (BAPI)
SRC_BAPI_PRODORD_RELEASE_v2.2

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Cancel production order confirmation **CO13**

This automation cancels a confirmation for a production order.

Component Name (BAPI)
SRC_BAPI_PRODORDCONF_CANCEL_v2.2

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Enter confirmation time ticket **CO02**

This automation enters confirmation time tickets for operations in production orders.

Component Name (BAPI)
SRC_BAPI_PRODORDCONF_CREATE_TT_v2.2

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Maintain project including networks CJ20N

This automation edits the objects of a project definition. It is possible to edit the project definition, its WBS elements and their hierarchical relationships.

Component Name (BAPI)
SRC_BAPI_PROJECT_MAINTAIN_v2.2

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Create project definition CJ06

This automation creates a project definition that contains data binding for the whole project.

Component Name (BAPI)
SRC_BAPI_PROJECTDEF_CREATE_v2.2

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Creation of a routing CA01

This automation creates routings with all their subordinated objects. You can generate a key date view as well as the complete history of a routing.

Component Name (BAPI)
SRC_BAPI_ROUTING_CREATE_v2.2

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Create WBS elements CJ11

This automation creates WBS element.

Component Name (BAPI)
SRC_BAPI_WBS_CREATE_v2.2

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Create purchase info record ME11

This automation creates purchase info records for every type of procurement using transaction Code ME11.

Component Name (WinGUI)
SRC_INFO_REC_CRT

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Maintain quota percentage for the calendar year MEQ1

This automation maintains quota percentage for the calendar year using transaction code MEQ1.

Component Name (WinGUI)
SRC_QOT_ARRGMT_UPDT

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