Using the SIMATIC BATCH Integration Toolkit, batches of SIMATIC BATCH can be generated, started, closed, archived, deleted, etc. automatically. Based on WinCC Scripts the SIMATIC BATCH Integration Toolkit is fully integrated on the WinCC OS. Based on the toolkit functionality, project specific user interfaces for SIMATIC BATCH can be customized. Depending on the user requirements the Batch Control Center (BatchCC) may not be required on the operator stations. In addition the toolkit provides a standardized XML based interface to external systems. Based on external orders batches are automatically created. Feedback after batch execution is also provided in standardized XML format. The data exchange format complies to the industry standard ‘B2MML’.

**Use-Cases**
- Automatic
  - Batch creation
  - Batch releasing
  - Setting of parameters
  - Batch start/abort/stop/resume

Creation of project specific operator interfaces for WinCC (avoid using the Batch Control Center)

**Customer benefits**
- Automate repetitive batch handling tasks
- Easy handling of batch control via WinCC
- The user interface can be modified according to customer’s requirements
  - Faster operating
  - Minimum risk of operating errors
  - Reduced training requirements
- Open interface based on industry standards

**Use-Cases**

**Customer benefits**

**SIMATIC BATCH**

Integration Toolkit

Industrial Technologies
Available Modules

**SB Toolkit (Simple Batch Management):**
- Basic functionalities for configurable, automatic Batch management:
  - batch releasing, completion, archiving, deletion
- Only simple setup/configuration via engineering tool required

**SB Toolkit (WinCC Integration):**
The toolkit provides functions to access SIMATIC BATCH via WinCC pictures and scripts without usage of BatchCC. There are possibilities related to:
- Batch management:
  - create and/or start batch
- Batch control:
  - stop, continue or abort batch
- Batch parameterization:
  - set batch parameters

WinCC engineering is required to obtain a project specific solution based on the provided base functionalities.

**SB Toolkit (ERP Integration):**
Based on a standardized, XML based interface, order data coming from an external system can be used:
- To create batches
- To provide detailed batch data as feedback after the batch has been executed
- Only simple setup/configuration via engineering tool required

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**Price information**

**SB Toolkit (Simple Batch Management):**
- SB Integration Toolkit for Batch Management
- Software setup is delivered via email
- Price: 3,250 € (L-Price)
- MLFB 9AE4100-4BT10

**SB Toolkit (WinCC Integration):**
- SB Integration Toolkit for WinCC Integration
- Sample WinCC pictures, documentation
- Software setup is delivered via email
- Price: 5,750 € (L-Price)
- MLFB 9AE4100-4BT20

**SB Toolkit (ERP Integration):**
- SB Integration Toolkit for ERP Integration
- Software setup is delivered via email
- Price: 9,875 € (L-Price)
- MLFB 9AE4100-4BT30

**General note:**
- "WinCC Integration" Package includes "Batch Management"
- “ERP Integration” includes Batch Management and WinCC Integration
- One license for the „SIMATIC BATCH API“ is required for SIMATIC BATCH project to use the toolkit and needs to be acquired separately.