



# **GLOSSARY OF SAP S/4HANA EWM PP INTEGRATION**

**A Quick Reference Guide to  
SAP Terminologies**

| Concept/Term                 | Definition  |
|------------------------------|---|
| SAP EWM                      | SAP Extended Warehouse Management is a module that manages complex warehouse operations, including goods movement, storage, and inventory control.        |
| SAP PP                       | SAP Production Planning handles planning and execution of manufacturing processes, including material requirements planning (MRP) and shop floor control. |
| EWM-PP Integration           | The linkage between SAP EWM and PP to synchronize warehouse tasks (e.g., component staging) with production processes (e.g., order execution).            |
| Production Supply Area (PSA) | A designated location in EWM near the production line where components are delivered for manufacturing orders.  |
| Staging                      | The process of moving materials from storage bins to the PSA in preparation for production activities.  |

| Concept/Term      | Definition  |
|-------------------|---|
| Replenishment     | A warehouse process to ensure that PSAs are filled with required components for continuous production without interruption.   |
| Inbound Delivery  | A document used in EWM to track the receipt of goods from suppliers or production, integrating with GR (goods receipt) in PP. |
| Outbound Delivery | A document in EWM that manages goods issued to production or customers, linking to the PP consumption process.                |
| Warehouse Order   | A set of warehouse tasks grouped for execution, such as picking materials for staging in production.                          |
| Warehouse Task    | The smallest executable unit in EWM, such as moving a product from storage to PSA.  |

| Concept/Term            | Definition  |
|-------------------------|---|
| Manufacturing Order     | A production order created in SAP PP that details the production of a specific quantity of finished goods, triggering staging in EWM. |
| Backflushing            | Automatic posting of component consumption in SAP PP upon confirmation of production, often updated in EWM for inventory adjustment.  |
| BOM (Bill of Materials) | A list of components needed to manufacture a product, defined in PP and referenced during staging in EWM.                             |
| Routing                 | A sequence of operations in PP required to produce a material; used to plan time, work centers, and resources.                        |
| Work Center             | A location in production where specific operations are carried out, linked with material staging areas in EWM.                        |

| Concept/Term                          | Definition  |
|---------------------------------------|---|
| Control Cycle                         | A configuration in PP-EWM integration that defines how materials are supplied to production (e.g., Kanban, staging methods).    |
| Advanced Production Integration (API) | A method in S/4HANA for deep integration between EWM and PP to enable real-time updates and control.                            |
| Component Consumption                 | The process of deducting used materials from warehouse stock as they are consumed in production, reflected in both EWM and PP.  |
| Production Supply Document            | A document in EWM used to control the material supply process to production, generated from production orders.                  |
| Batch Management                      | Handling of materials in batches with unique characteristics, ensuring traceability during production and warehouse operations. |

| Concept/Term              | Definition   |
|---------------------------|--|
| HU (Handling Unit)        | A packaging unit in EWM that combines material with packaging information, used for component supply to production.                  |
| Resource                  | A mobile or fixed unit (person or equipment) executing warehouse tasks in EWM, including staging to PSAs for PP.                     |
| Cross-Plant Configuration | Integration setup that enables EWM and PP to function across different plant codes or locations.                                     |
| Staging Type              | The method of supplying components to production (e.g., pick parts, release order parts, Kanban), configured for EWM-PP integration. |
| Staging Indicator         | Determines the staging method in the control cycle and helps EWM decide how to prepare materials for production.                     |

| Concept/Term                   | Definition  |
|--------------------------------|---|
| Monitor - Warehouse Management | A tool in EWM to track open tasks, warehouse orders, and production staging queues.   |
| Queue Management               | A system in EWM that manages task prioritization for resources, including staging and replenishment tasks.                  |
| Production Supply Kitting      | Grouping components together as kits in the warehouse before sending them to the production line.                           |
| Decentralized EWM              | An EWM system that runs separately from the core S/4HANA system, communicating via integration points with PP.              |
| Kanban                         | A lean manufacturing technique for just-in-time production and replenishment, supported in EWM via control cycles and bins. |

| Concept/Term               | Definition  |
|----------------------------|---|
| Synchronous Goods Movement | Real-time posting of goods movements in EWM and PP for accurate inventory and production tracking.  |
| Material Staging Monitor   | An interface in EWM to review and manage staged materials for production orders.                    |
| Warehouse Process Type     | Defines the kind of warehouse operation in EWM, such as staging, replenishment, or putaway.         |
| Goods Receipt (GR)         | The process of receiving finished goods from production back into warehouse inventory.              |
| Goods Issue (GI)           | The process of issuing materials from the warehouse to production or to customers, recorded in EWM. |



| Concept/Term                   | Definition   |
|--------------------------------|--|
| Postprocessing Framework (PPF) | A tool in EWM to trigger automated follow-up actions like printing labels or posting documents during production staging.        |
| HU Transfer                    | Moving handling units within the warehouse or to PSA using warehouse tasks.  |
| Cross-Docking                  | A technique in EWM where materials are received and immediately moved to PSA without long-term storage.                          |
| Staging Bin                    | The physical or logical bin in EWM where components are placed for production use.   |
| Production Confirmation        | A process in PP that confirms completion of production steps and updates inventory and consumption records, interfaced with EWM. |

| Concept/Term                 | Definition  |
|------------------------------|---|
| Integration Scenario         | A predefined configuration for how EWM and PP interact, such as synchronous staging or decentralized execution.           |
| Warehouse Structure          | The organizational setup of EWM, including storage types, bins, and sections aligned with production requirements.        |
| EGR (Expected Goods Receipt) | A forecasted document in EWM that helps plan and reserve space for incoming production or purchase orders.                |
| Storage Type                 | A classification in EWM representing different areas of the warehouse (e.g., high-rack, PSA, goods issue zone).           |
| Manufacturing Execution      | The execution of production orders on the shop floor, supported by warehouse staging and component availability from EWM. |

| Concept/Term                     | Definition   |
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| Inventory Visibility             | Real-time tracking of stock levels in both EWM and PP modules for components and finished goods.                         |
| Process-Oriented Storage Control | A method in EWM that determines the sequence of warehouse activities based on the process, often used in staging and GR. |
| Production Integration Model     | The configuration template for connecting SAP EWM and SAP PP to ensure synchronized production supply processes.         |
| Manufacturing Bill               | A production-specific BOM that is extended with EWM-specific supply information for integration.                         |
| Component Grouping               | Organizing multiple components together for batch staging to reduce transport effort and optimize warehouse operations.  |