GLOSSARY OF SAP S/4HANA EWM ABAP

A Quick Reference Guide to SAP Terminologies

SAP S/4HANA EWM ABAP
Key Concepts

ZaranTech

Concept/Term	Definition
SAP S/4HANA EWM (Extended Warehouse Management)	A module within SAP S/4HANA that manages complex warehouse operations like inventory management, order fulfillment, and warehouse logistics.
ABAP (Advanced Business Application Programming)	SAP's proprietary programming language. Used to create applications, reports, and custom functionality within SAP systems.
EWM Inbound Process	The process that involves receiving goods into the warehouse, including inbound deliveries, goods receipt, and stock placement.
EWM Outbound Process	The process of preparing and shipping goods from the warehouse to customers, including picking, packing, and shipment.
Warehouse Management (WM)	A predecessor of EWM that provides basic inventory and location management within SAP.

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Concept/Term	Definition
Storage Location	A physical area within a warehouse where goods are stored. It is part of the warehouse structure in SAP EWM.
Warehouse Task	A work item created in EWM to handle a specific action within the warehouse, such as picking or putaway.
Warehouse Order	A collection of warehouse tasks grouped together for execution, typically by a specific warehouse worker.
Handling Unit (HU)	A package or container that groups goods together for storage and transport within the warehouse.
Stock Transport Order (STO)	An order used to transfer stock between different locations or plants within SAP.

Concept/Term	Definition
Goods Receipt (GR)	The process of recording the receipt of goods into inventory, typically after a purchase order delivery.
Goods Issue (GI)	The process of issuing goods from inventory to fulfill customer orders or internal needs.
Pick and Pack	The process of selecting goods from storage (picking) and preparing them for shipment (packing).
SAP Fiori for EWM	A modern user interface for SAP EWM that provides simplified, mobile-friendly apps for warehouse tasks.
Cross-Docking	A process where goods are directly transferred from the receiving area to the shipping area without being stored in the warehouse.

Concept/Term	Definition
Wave Management	The process of grouping warehouse tasks (picking, packing, etc.) into waves to optimize throughput and efficiency.
SAP EWM Master Data	Core data objects such as products, storage bins, warehouse layouts, and resources, which are essential for warehouse operations.
EWM Resource Management	The management of resources (e.g., warehouse employees, machines) in SAP EWM to optimize task execution and capacity planning.
Batch Management	A functionality in SAP that manages goods in batches, enabling tracking and traceability within EWM.
Bin Location	The specific location within a warehouse where inventory is stored. SAP EWM supports detailed tracking of bin locations.

Concept/Term	Definition
RF Device (Radio Frequency)	A mobile device used by warehouse workers to scan barcodes, update warehouse tasks, and access SAP EWM in real-time.
Goods Receipt Inspection	The process of verifying the quality of received goods before they are added to inventory.
Putaway	The process of storing goods in designated storage locations in the warehouse after goods receipt.
Picking Strategy	The method used to select goods for picking, such as first-expired, first-out (FEFO) or first-in, first-out (FIFO).
Packing Instructions	Defines the packing process and how goods are grouped and packaged for shipment in EWM.

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Concept/Term	Definition
EWM Customizing	The process of configuring EWM settings, including warehouse structure, processes, and workflows.
EWM System Configuration	The setup of system settings in SAP EWM to adapt the warehouse operations to the business processes.
Transfer Order (TO)	A document that specifies a transfer of stock within the warehouse, usually created for putaway or picking.
Transfer Order Confirmation	The process of confirming the execution of transfer orders in the system, indicating completion of tasks.
Batch Split	The process of splitting goods in the same batch into multiple parts for different uses or shipments.

Concept/Term	Definition
Stock Overview	A real-time view of stock in the warehouse, including details about quantities, locations, and batch information.
Storage Type	A classification in the warehouse that groups storage locations based on specific characteristics (e.g., high-rack storage).
Storage Section	A subdivision of a storage type in the warehouse, used to further categorize inventory (e.g., fast-moving goods).
Product Master Data	Key information about products stored in the warehouse, such as dimensions, handling characteristics, and batch management rules.
Task Confirmation	The action of confirming a warehouse task has been completed, updating the system with real-time status.

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Multiple Locations	Handling multiple storage locations for a product within SAP EWM, enabling better organization of stock.
Load Management	The process of managing the loading of goods into vehicles, including order consolidation and route optimization.
Shipment Confirmation	The process of confirming the completion of shipment activities, including goods issue and delivery confirmation.
EWM Document Flow	The chronological sequence of documents, such as purchase orders, goods receipts, and transfer orders, in EWM.
Advanced Shipping Notification (ASN)	A notification sent by the supplier to inform the customer of the shipment details before goods arrive.

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Concept/Term	Definition
Integration with SAP S/4HANA	The seamless integration between SAP S/4HANA and SAP EWM for real-time inventory management, logistics, and order fulfillment.
EWM SAP Cloud Integration	Integration capabilities for connecting SAP EWM with other SAP Cloud applications, enhancing logistics visibility and control.
EWM Mobile App	A mobile application designed to optimize warehouse operations by enabling workers to access EWM functionalities on the go.
EWM Interface	Allows communication and data exchange between SAP EWM and external systems, such as Warehouse Control Systems (WCS).
EWM Monitoring	Real-time monitoring of warehouse tasks, orders, and processes, ensuring smooth and efficient operations.

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Concept/Term	Definition
SAP EWM Analytics	Reporting and analysis capabilities within EWM for tracking warehouse performance, including KPIs and efficiency metrics.
Handling Unit Management	Manages packaging units (handling units) within SAP EWM, including tracking, transport, and storage information.
Workforce Management in EWM	The process of managing warehouse worker assignments, capacity planning, and resource utilization in SAP EWM.
EWM Integration with SAP MM (Materials Management)	Integration of SAP EWM with MM for streamlined procurement, inventory management, and logistics.
EWM Integration with SAP SD (Sales and Distribution)	Integration between SAP EWM and SD for efficient order fulfillment, shipment, and customer deliveries.

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