GLOSSARY OF SAP
S/4HANA EXTENDED WAREHOUSE MANAGEMENT

A Quick Reference Guide to SAP Terminologies

Concept/Term	Definition
SAP S/4HANA EWM (Extended Warehouse Management)	A part of SAP S/4HANA that optimizes warehouse operations by managing inventory, order fulfillment, and supply chain processes in real-time.
Warehouse Task	A work unit generated in SAP EWM that specifies a specific operation like picking or putaway. Managed by warehouse workers.
Warehouse Order	A collection of warehouse tasks grouped for processing by a worker, often based on a set of related activities.
Storage Bin	The smallest unit of storage within a warehouse in SAP EWM. Used to track and organize inventory at a detailed level.
Warehouse Process Type	Defines the type of process (e.g., receiving, picking, shipping) that will take place within a given warehouse area.

Concept/Term	Definition
Handling Unit	A physical or logical container used for storing goods, which can be tracked and managed in SAP EWM.
Cross-Docking	The process of moving goods directly from receiving to shipping areas without storing them in the warehouse, improving efficiency.
Putaway	The process of moving goods from receiving to their designated storage location in the warehouse.
Picking	The process of selecting and preparing goods from their storage locations for shipping or production.
Packing	The act of preparing goods for shipment by consolidating them into packages, often with specified packing instructions.

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SAP S/4HANA EWM
Key Concepts

Concept/Term	Definition
Shipping	The final step in the warehouse process, involving the preparation of goods for transport to customers or other locations.
Inbound Process	A set of activities related to receiving goods into the warehouse, including receiving, putaway, and inspection.
Outbound Process	The set of activities related to shipping goods out of the warehouse, including picking, packing, and delivery.
Wave Management	The process of grouping warehouse tasks (picking, packing, etc.) into waves to optimize processing and reduce handling time.
RF (Radio Frequency) Device	A mobile device used by warehouse workers to scan barcodes and update SAP EWM in real-time, streamlining warehouse processes.

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Concept/Term	Definition
SAP Fiori for EWM	A set of user-friendly, mobile-ready applications that provide simplified access to SAP EWM functionalities and improve user experience.
Workforce Management	Managing resources (e.g., workers, equipment) in SAP EWM to ensure tasks are assigned efficiently and capacity is balanced.
Inventory Management	The process of managing stock in the warehouse, including tracking quantities, locations, and movements of inventory items.
Batch Management	A functionality that enables tracking and managing goods in batches within the warehouse, providing traceability and control.
Storage Type	Defines the organizational structure for storing materials within a warehouse. Can represent different storage methods (e.g., high-rack, shelf).

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Concept/Term	Definition
Storage Section	A division of a storage type within a warehouse, used to group goods by characteristics such as size, temperature, or handling requirements.
Location Structure	Defines the physical layout of a warehouse, including storage bins, aisles, and areas that categorize goods.
SAP EWM Cockpit	A user interface in SAP EWM that provides real-time monitoring and management of warehouse operations, including task tracking and performance.
Task Confirmation	A process used by workers to confirm the completion of a warehouse task, updating the status of inventory and processes in SAP EWM.
SAP WM (Warehouse Management)	The predecessor to SAP EWM, providing basic warehouse management functions such as inventory tracking and material movements.

SAP S/4HANA EWM
Key Concepts

Concept/Term	Definition
Event Management in EWM	Tracks and manages events, such as delays or exceptions, in warehouse operations. Alerts users about disruptions that require action.
Order Management	The process of managing and processing customer orders, including order creation, picking, packing, and shipping.
Wave Picking	A picking strategy that involves grouping orders into waves to optimize resources and reduce the time spent picking items.
Multi-Order Picking	A picking method that allows workers to pick items for multiple orders in a single trip, improving efficiency.
Order Fulfillment	The process of receiving, processing, and delivering customer orders, including inventory management, picking, packing, and shipping.

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Concept/Term	Definition
SAP EWM Integration with SAP MM (Materials Management)	The integration of SAP EWM with SAP MM, enabling seamless flow of material data for warehouse management and procurement.
SAP EWM Integration with SAP SD (Sales and Distribution)	The integration of SAP EWM with SAP SD to manage sales orders, shipping, and inventory levels for customer orders.
Inventory Counting	The process of physically counting inventory and reconciling the counts with SAP EWM records to ensure accuracy.
Stock Transfer	The movement of goods between different storage locations, either within the same warehouse or across multiple warehouses.
Real-Time Monitoring	The ability to track and manage warehouse activities as they happen, using tools like SAP Fiori or SAP EWM Cockpit for up-to-the-minute updates.

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SAP S/4HANA EWM
Key Concepts

Concept/Term	Definition
Stock Visibility	The ability to see the real-time status and location of stock within the warehouse, providing transparency for managers and workers.
User Roles and Permissions in EWM	Defines the level of access each user has within SAP EWM, ensuring that employees have the necessary access to complete their tasks.
Batch Split	The process of dividing a batch into smaller quantities for further processing or distribution, based on specific requirements.
Advanced Shipping Notification (ASN)	A message sent from the supplier to notify the customer about shipment details before the goods arrive at their destination.
EWM Mobile Applications	Applications that allow warehouse workers to perform tasks like picking, packing, and confirming work directly from mobile devices.

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SAP S/4HANA EWM
Key Concepts

Concept/Term	Definition
Transport Management in EWM	The management of goods transportation from the warehouse to customers, including shipment planning, loading, and tracking.
SAP EWM Performance Optimization	Techniques and best practices for improving the efficiency of SAP EWM processes, such as optimizing data loads and streamlining workflows.
Dock Appointment Scheduling	A feature that allows managing and scheduling dock appointments for inbound and outbound shipments to avoid delays and optimize warehouse operations.
Customizing SAP EWM	The process of configuring SAP EWM to align with specific business processes, including warehouse structure, workflow, and task management.
Material Flow System (MFS)	A system that integrates SAP EWM with automated material handling equipment like conveyors and robots to manage warehouse movements.

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Concept/Term	Definition
Direct Store Delivery (DSD)	A process that allows goods to be delivered directly from a supplier to a retail store, bypassing the warehouse for faster delivery.
Replenishment	The process of ensuring that warehouse stock levels are maintained by ordering new stock when current levels fall below predefined thresholds.
Task-Related Reporting	Reports generated based on specific tasks or operations within the warehouse, helping track efficiency and bottlenecks.
Stock Reservation	A process in EWM where goods are set aside for specific orders or activities, ensuring availability when needed.
Automated Guided Vehicle (AGV)	A mobile robot used within the warehouse for transporting goods. Integrated with SAP EWM for automated material handling.

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