

Gold Training Program Curriculum for SAP EWM

The **Gold** Training Program dives deeper into advanced SAP EWM concepts and practical implementations. Each section is designed to provide a thorough understanding of complex functionalities and their real-world applications:

1. Uploading Tools

Content:

- **Product Master Upload:** Deep dive into uploading bulk product data with /SCWM/PRD_UPLOAD and validation techniques.
- **Packaging Specification Upload (Single/Multiple Levels):** Define and upload packaging specifications for products using tools like LSMW.
- **Storage Bin Upload and Sorting:** Advanced techniques for uploading and sorting bins with /SCWM/LS01N.
- **Fixed Bin Assignment Upload:** Automating bin assignments for optimized workflows.
- **Initial Stock Upload:** Handling initial stock loading during go-live using /SCWM/STOCK_UPLOAD.
- **Storage Bin and Stock Migration:** Techniques for seamless migration of legacy data.
- **Physical Inventory Upload:** Reconcile inventory with real-time data accuracy.

Business Examples:

- A distributor migrating stock for a new warehouse.
 - An e-commerce company configuring multi-level packaging for shipments.
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2. Cutover (Go-Live) Activities

Content:

Master Data/Easy Access Setup:

- **Supply Chain Unit Setup:** Configure SCUs for defining warehouse regions.
- **Intermediate Storage Bin Creation:** Designate bins for staging and interim processes.
- **Assigning Checkpoints and Doors:** Link checkpoints, storage bins, and yard bins for optimized flow.

- **Number Range Configuration:** Define ranges for deliveries, HUs, and other elements.
- **Program Execution:** Run /SAPAPO/VERSION_CREATE_NO_APO for planning and consistency.

Warehouse Operations Setup:

- **Resource Management:** Configure resource groups, devices, and queues.
- **Packaging and Material Setup:** Establish packaging materials for HUs and TUs.
- **Condition Records:** Automate HU label printing for inbound, outbound, and pick lists.
- **Posting Periods:** Update OMSY, IMMPV, and IMMRV for smooth inventory postings.

Business Examples:

- A logistics provider preparing a warehouse for global go-live.
- A retail chain configuring resources for optimized putaway.

3. WRICEF Objects

Content:

- **EWM Tables:** Overview of tables like /SCWM/BINMAP, /SCWM/STOCK, and how to use them.
- **Functional Modules:** Explore critical modules for automation and reporting.
- **BAdIs (Business Add-Ins):** Customizing EWM functionalities for specific requirements.
- **Reports and Enhancements:** Create reports for KPIs like bin utilization and pick rates.
- **Forms (Printings):** Automate forms such as HU labels, delivery notes, and pick lists.
- **Background Job Scheduling:** Automate repetitive tasks for consistency and efficiency.

Business Examples:

- A manufacturer scheduling reports for daily pick efficiency tracking.
- A 3PL company customizing unloading instructions for client-specific needs.

4. Implementation Phases/Requirement Gathering

Content:

- **Project Phases:** Detailed walkthrough of preparation, blueprinting, realization, integration testing, and go-live processes.
- **Key Configurations:** Learn to specify key data structures and integration settings.
- **Documentation:** Prepare detailed test scripts and user manuals for end-users.

Business Examples:

- An automotive supplier synchronizing EWM with SAP TM for logistics.
 - A food distributor aligning warehouse workflows with their ERP system.
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5. Support Project

Content:

- **Incident Management:** Address common post-go-live issues, including integration errors.
- **Queue Management:** Monitor and clear stuck queues in EWM systems.
- **Critical Issues and Change Requests:** Handle high-priority issues with impact analysis.

Business Examples:

- A healthcare warehouse resolving stock discrepancies during picking operations.
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6. Yard Management

Content:

- **Yard Bin Setup:** Configure bins for parking, unloading, and staging.
- **Vehicle Management:** Automate tracking of vehicle arrivals and departures.

Business Examples:

- A port authority integrating EWM with Yard Management to optimize container movements.
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7. SAP EWM-QM Integration

Content:

- **Inspection Integration:** Set up inspection lots and automate stock movements based on quality decisions.
- **Customer Returns:** Manage quality inspection of returned goods and take actions like scrapping or rework.

Business Examples:

- A food manufacturer ensuring compliance during inbound inspection.
- An electronics retailer validating returns for functionality before restocking.

8. SAP EWM-PP Integration

Content:

- **Material Staging:** Automate staging of production materials.
- **Production Order Handling:** Synchronize production orders with stock management.
- **Backflush Processing:** Streamline finished goods movement post-production.

Business Examples:

- A car manufacturer staging parts for assembly line production.

9. SAP EWM-PM Integration

Content:

- **Inbound Spare Management:** Configure efficient storage and retrieval of maintenance spares.
- **Outbound Processes:** Automate spare issuance based on maintenance tasks.

Business Examples:

- An energy provider ensuring rapid availability of critical spares.