

# Scope of Work: Magento – SAP Integrations

Project: Magento – SAP Integration Enhancements

Date: December 26, 2025

Total Project Cost: 12,200 AED

Total Duration: 6-7 Weeks

## 1. Project Overview

This project covers enhancements to the Magento-SAP integration, specifically focusing on shipment charge automation, order sync dashboard improvements, special pricing synchronization, and a bi-directional loyalty program integration. It also includes a complete code audit and documentation handover.

## 2. Detailed Technical Scope

### 2.1 Shipment Charges Integration (Magento → SAP)

**Objective:** Automate the mapping of local and international shipment charges in the order payload.

- **Local Charges:** Apply specific logic for orders under/over 100 AED.
- **International Charges:** Capture charges directly from the Magento Invoice.
- **Integration:** Map shipping charges into the order JSON payload and validate with SAP.

### 2.2 Order Re-Sync Dashboard Enhancements

**Objective:** Improve visibility and control over order synchronization.

- **New Columns:** Add "SAP Sync Status" and "SAP Entry" columns to the grid.
- **Filtering:** Enable filtering for "Synced" vs. "Unsynced" orders.
- **Re-Sync Features:** Implement manual and bulk re-sync functionality, restricted only to failed orders.

### 2.3 Special Pricing Integration (SAP → Magento)

**Objective:** Sync advanced pricing data from SAP to Magento.

- **Data Points:** Sync Special Price, Start Date, and End Date.
- **Integration:** Map data to Magento's "Advanced Pricing" section.
- **Automation:** Implement auto-update logic to reflect SAP changes immediately.

### 2.4 Loyalty Program Integration (Bi-Directional)

**Objective:** Enable a two-way sync for loyalty points between Magento and SAP.

- **Sync Logic:** Real-time synchronization of points (Magento ↔ SAP).
- **Transaction Handling:** Manage earning, consumption (redemption), reversals, and point expiry.
- **Scenarios:** Handle points usage during checkout and adjustments during cancellations.

## 2.5 Code Audit, Documentation & Handover

**Objective:** Ensure code quality and maintainability.

- **Audit:** Review existing integration code for performance and standards.
- **Documentation:** Provide technical documentation and admin manuals.
- **Handover:** Support the handover process to the client team.

## 3. Commercial & Timeline Breakdown

Module	Scope Summary	Timeline	Cost (AED)
1. Shipment Charges	Local/Intl logic, JSON mapping, Validation	1 Week	1,500 AED
2. Sync Dashboard	Status columns, Filters, Bulk Re-sync	2 Weeks	3,400 AED
3. Special Pricing	SAP → Magento Advanced Pricing sync	1.5 Weeks	2,100 AED
4. Loyalty Program	Bi-directional sync, Earn/Burn logic	2 Weeks	3,700 AED
5. Audit & Handover	Code audit, Documentation, Support	0.5 Week	1,500 AED

<b>TOTAL</b>		<b>6-7 Weeks</b>	<b>12,200 AED</b>
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## 4. Payment Milestones

The following payment schedule is recommended based on project progress:

1. **30% Advance (Project Kick-off):** 3,660 AED
2. **40% Mid-Project:** 4,880 AED (Upon completion of Dashboard & Pricing integration)
3. **30% Final:** 3,660 AED (Post UAT & Handover)

## 5. Prerequisites (Required for Start)

To initiate the project and ensure timely delivery, the following access must be provided by the client:

- **Code Repository:** Access to the GitHub/Bitbucket repository.
- **Server Access:** SSH/FTP access to the **Staging Server**.
- **Database Access:** Access to the Staging Database (MySQL/phpMyAdmin).
- **SAP Credentials:** API endpoints and authentication details for the SAP test environment.

## 6. Assumptions & Notes

- **SAP Changes:** Any required changes on the SAP side are out of scope.
- **Support:** Post go-live support beyond the handover period is not included.
- **Validity:** This scope and quotation are valid for 15 days.

## 7. Warranty & Support

- **Development Warranty:** Any bugs, errors, or issues directly attributable to the development work defined in this scope will be fixed at no additional cost after the handover.
- **Scope of Warranty:** This covers the functionality explicitly listed in Section 2. New feature requests or issues caused by third-party changes (e.g., SAP API updates after delivery) are not covered under this warranty