



SmartPlant Materials integration with SAP

Custom Integration

Customer Benefits

Streamlined material purchasing, expediting and tracking for capital project materials.

Our Services

Consulting, systems integration, customisation, testing and training.

The Client

Our customer is the largest owner-operator in India, and incorporates operations and maintenance, as well as engineering and construction divisions. The company is currently executing a project to expand a refinery in Jamnagar, India which is considered to be one of the largest such expansions in the world. Around 18 design and engineering contractors are working on the expansion including the customer's own engineering department.

Project Challenge

The company selected Intergraph's SmartPlant Materials application to digitize and automate materials processes from end to end, including within the engineering, construction and operations phases of the Jamnagar expansion project.

As a user of the SAP ERP solution, the company required various points of integration to be implemented between the SmartPlant Materials (SPM) system and SAP, which were not available as standard functionality within the SPM product.

The scope of services included the analysis, development and testing of the required integrations between SAP and SmartPlant Materials environments.

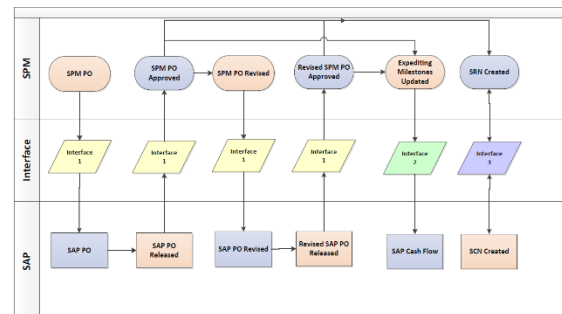
Our Solution

The key integrations between SAP and SPM delivered by TecSurge addressed the following SAP business objects and functional areas:

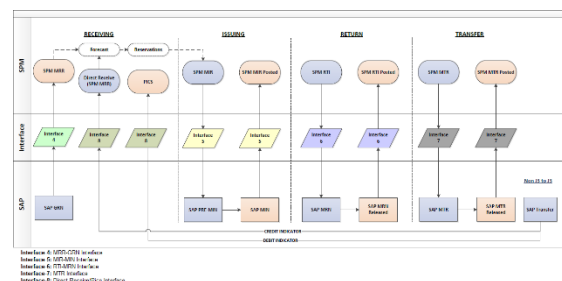
- Purchase orders
- Expediting data
- Goods receiving and receipt
- Material issue, transfer and return

In addition to this major systems integration work, TecSurge also developed, tested and implemented a range of utilities to address specific client requirements including:

- Utilities for free format commodity codes, idents and ident values
- BOM and material requisition import
- Export and import of multiple purchase order to manage expediting data
- Import of work packages
- Setup of priority during forecast runs



Interfaces between SmartPlant Materials (Material Supply Chain Management) and SAP



Interfaces between SmartPlant Materials (Site) and SAP

If a SP Materials custom integration is a service that you need, [contact us](#) today for a quotation.

