

Master Data Management Solution for India's Leading Chemical Company



Master Data Management Solution

The Summary

The client is using various modules of SAP ERP system to maintain their important enterprise data. Various other applications were also used to enter & update the data in SAP. Client wants to implement Master Data Management which provides Master Data Creation or Extension request automation with review and approval to avoid duplicate entries and efforts spent on identifying the same and updating the Master data in SAP. This solution will be based on SharePoint 2010 platform.

The Client

Incorporated in the year 1984, Client has grown to become one of the modern and leading Producer of Specialty Chemicals in India. The company started manufacturing activity in May 1984. Ever since, a wide range of product has been manufactured and marketed successfully. Their manufacturing facility is dedicated to the Production of Ethylene Oxide condensates and Propylene Oxide condensates, producing Emulsifiers and surfactants for varied industries like Metal Finishing, Agro Industries, Textile Industries, Leather chemicals, Pharmaceuticals, Oil refineries and many more.

The Challenges

Following were the key challenges faced by the company:

- Manual entries of all Master data creation or extension received from Materials, Production, Costing, and purchasing department.
- Manual validations for duplication or recreation of master data before updating in SAP.
- Tracking of Master Data creation request status.
- Analysis of Request submitted for Master Data Creation in SAP.

Business Requirement

- To automate the process of entering and updating the master data into SAP system.
- Defining validation rules to identify the duplication of requests and triggers for intimation.
- Escalation of request in case request is not addressed in specific number of days.
- Easy to create and track request with notification on success or rejection.
- Analytical reports for statistical analysis of requests.

Project Summary

Industry: Chemical

Client Profile: Client is one of the modern and leading Producer of Specialty Chemicals in India. Their manufacturing facility is dedicated to the Production of various chemical for various industries.

Solution: Client approached AG Technologies to automate the process of entering and updating the master data into SAP system.

Solution Benefit:

- Increased efficiency of SAP Master Data creation process with improved TAT
- Reduction in duplication of Master Data and time spent on validation and corrections.
- Visibility of Request Status and Tracking
- Insight on the Request Creation across organization and time spent on it for better decisions

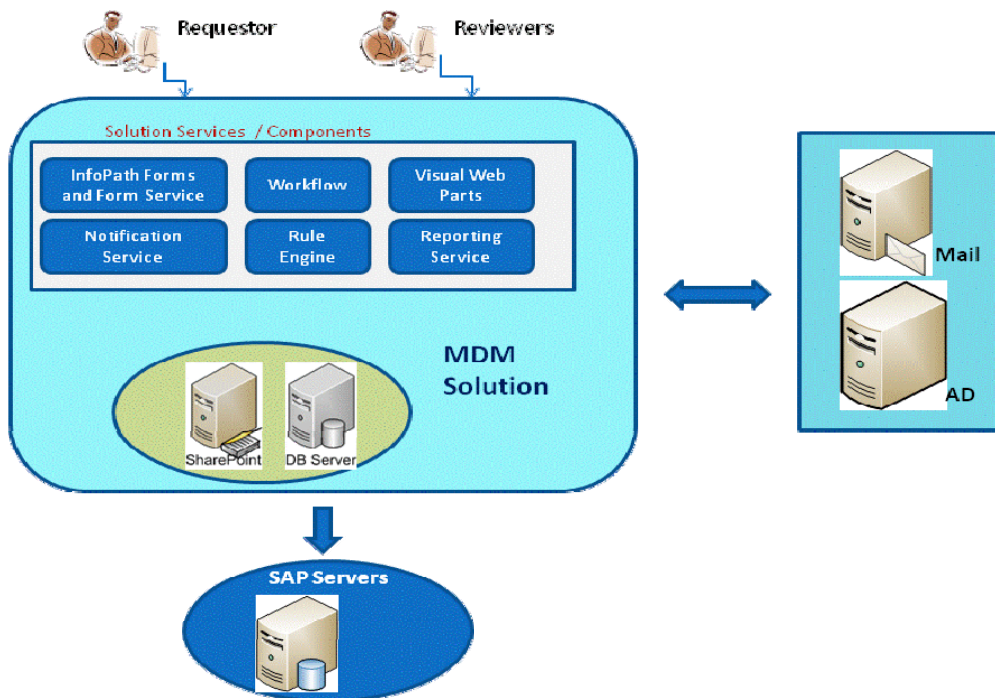
Technology:

- **Technology** : SharePoint 2010
- **Operating System** : Windows 2008 64 bit
- **Database** : MS SQL Server 2008
- **ERP** : SAP R/3

The Solution

Following were the significant business benefits gained after implementing MDM with SharePoint 2010 and integrating with SAP -

- Web based, Intuitive solution using SharePoint for easy access from LAN / WAN.
- SAP Master Data creation or Extension request Forms for master types.
- Master Data Request Review and approval workflows based on type of Request.
- MDM Request Validation Rule engine.
- Request Status Tracker and Email Notification for status updates.
- Integration with SAP for automated updates to Master data.
- Analytical Reports with Charts on Master Data Request.



Solution Architecture and Components

The Benefit

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