Case Study

Implementation & Customization of Agile Product Data Management Solution for Leading Semiconductor Manufacturer
Client
Leading Semiconductor Manufacturer.

Challenges
- Replace insufficient, obsolete, and highly customized PDM process.
- Leverage current NPI process.
- Centralized and single enterprise repository for materials and Bill of Material (BoM).
- Early delivery of New Product Introduction (NPI) data into other systems.
- Tighter integration with design tools, manufacturing, and supply management systems.

LTIMindtree Solution
- Development of web services to interface product data with downstream systems using Agile Integration Service (AIS).
- Data conversion and migration from Legacy/Enterprise systems.
- Configuration for accurate access privileges and process extensions that allow to dynamically modify workflows.
- Customization of Agile functionality using Process Extensions.
- Development of data and business rule validators.
- TIBCO middleware based integration for communication between Agile and other systems.
- Changes in product data captured using ACS and published to Topics for other systems to stay updated.
- Process extension used to validate the product, BoM, etc. at specific workflow stages to ensure accuracy of data.
- Rules for validation fed from an XML.
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