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

LTI 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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