



Case Study

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

Client

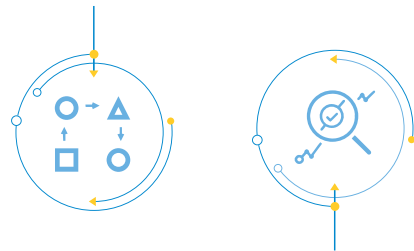
Leading Semiconductor Manufacturer.

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.

Business Benefits



LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 84,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit <https://www.ltimindtree.com/>