

Case Study

Fueling Quality Master Data in Heterogeneous & Hybrid Solution Landscape

to Transform a US-Based
Semiconductor Manufacturer



Client

Our client is a North Carolina, US-based global silicon carbide technology and production leader.



Challenges



Data cleansing and enrichment in line with the new material coding solution and harmonization with the existing solution



Managing the status of prospective suppliers and customers



Extending the role as a supplier and shipping to their party managing number ranges



Missing multiple attributes in SAP standard Service Oriented Architecture (SOA) messages forced to shift to SAP ALE-IDOCS



Meta-data synchronization after go-live with a custom solution approach



LTIMindtree Solution

- LTIMindtree analyzed and strategized the Master Data Governance (MDG) policy to ensure quality master data for all planned digital transformations.
- Implemented cloud-based SAP MDG hub on S/4HANA for all key enterprise master data objects (material, business partner, and finance).
- Connected SAP MDG hub to on-premise and on-cloud SAP and non-SAP applications. Cloud Integration Gateway (CIG) and Cloud Platform Integration (CPI) integrated with cloud applications (SAP ARIBA and SAP Salesforce).
- Implemented the following Master Data Management (MDM) business processes to fulfill the business requirements:
 - Central MDG
 - Master data consolidation
 - Data quality management
 - Mass record processing
 - MDG analytics

Business Benefits

100%

business rule-based validation for critical attributes of master data to ensure data integrity

80%

improvement in SLA by collaborating and orchestrating business users with an escalation mechanism

85%

increase in the quality of spend analytics and corporate reporting by consolidating master data

100%

automation of integration with SAP Software-as-a-Service (SaaS) applications and non-SAP legacy analytics application with an intelligent platform

95%

improvement in user experience through mass changes and record processing functionality

About LTIMindtree

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 nearly 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 www.ltimindtree.com.