



Case Study: End-to-End Automation with Centralized eco-system for design & manufacturing




Leading A&D Supplier

Business Challenges

 Automate the geometry conversion, export & import BOM data with extensive attributes, drawing creation with custom views & dimensions and export of critical dimensions

 Centralized product data/ lifecycle management system with integration to the CAD system

 Establish PLM – ERP integration

Implemented Mateos for integrating:

- Design systems with PLM
- PLM and ERP



Provided automation toolsets for:

- Conversion to Sheet Metal
- Assembly components attributes update through export & import of BOM
- Drawing creation
- Critical dimensions export

Our Solution

Business Impact

 Increased productivity by –

- Reduction in non-value add activities – manual geometry conversions, corrections, drawing creation
- Features assisting in designer & manufacturer decisions
- Data synchronization between systems

 Increased employee & customer satisfaction due to –

- Maintaining a single source of truth for design and manufacturing
- Business process automation
- User experience

The Need: Integrated Design & Manufacturing eco-system for the entire organization

