

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

