

Case Study: DFQ Automation with integrated Centralized eco-system for design & manufacturing



Leading A&D Supplier



Business Challenges



Automate the quality checks, drawing creation with custom views & dimensions and creation of manufacturing artifacts



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



Establish PLM – ERP integration

Implemented Mateos for integrating:

- Design & CAD Manufacturing systems with PLM
- PLM and ERP



Provided automation toolsets for:

- Design quality checks coupled with business process
- Creation of manufacturing artifacts
- Drawing creation
- Creation of Assembly Instruction Documents



Our Solution



Business Impact



Increased productivity by –

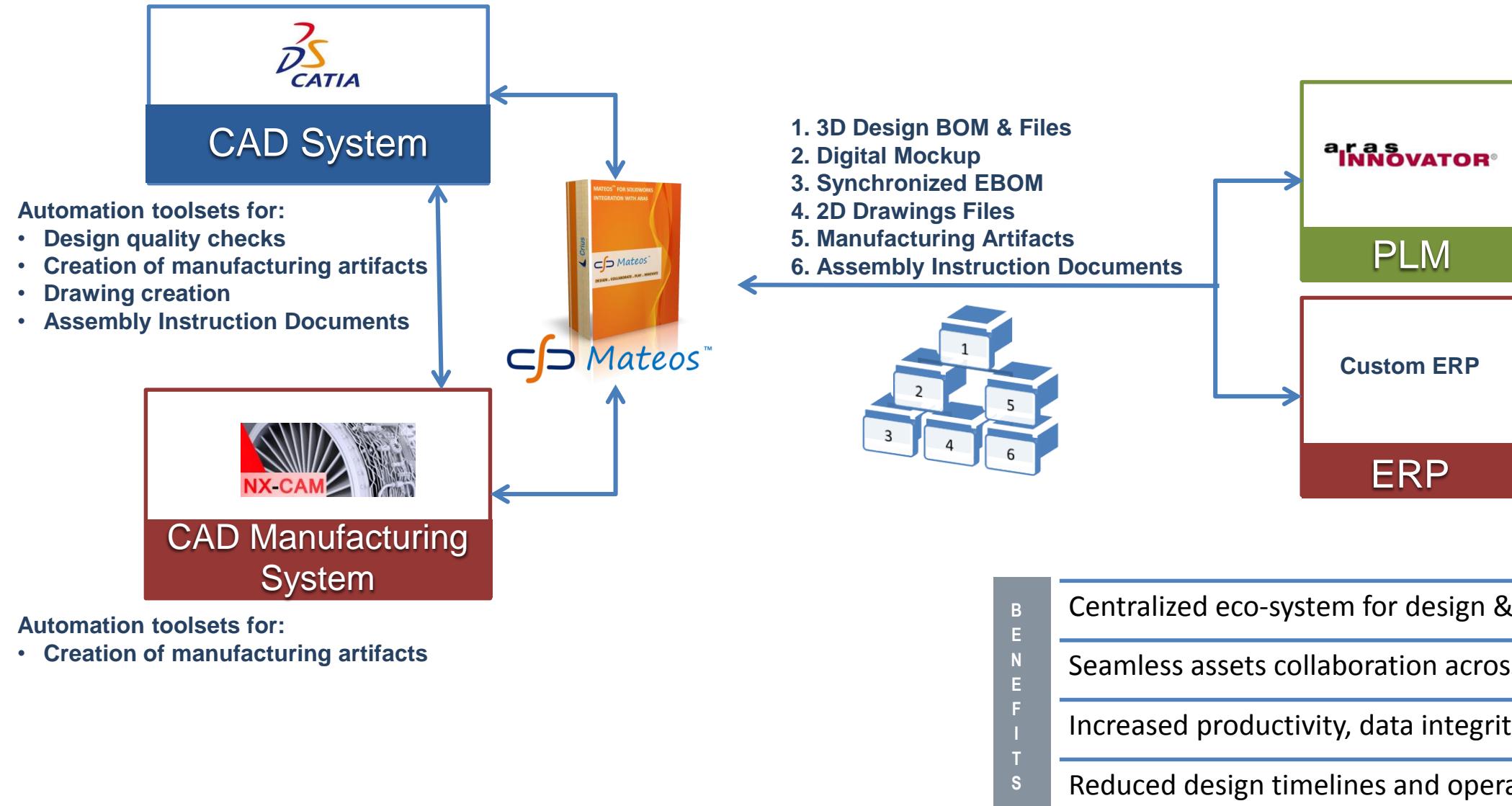
- Reduction in non-value add activities – manual geometry conversions, corrections, drawing creation
- Features assisting in designer & manufacturer decisions
- Data synchronization between systems



Increased employee & customer satisfaction due to –

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

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



Screenshots

