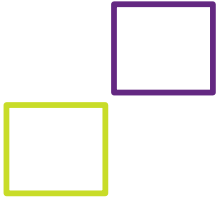


eParts catalogue solution for a leading engine manufacturer of diesel engines, agricultural pump sets and generating sets.



Integrated CAD – BOM management

CAD based 3D illustrations for parts list information and associative sBOM creation from upstream eBOM

Service manual instructions

Access to serial number specific service circular instructions for product repair and maintenance.



Process integrations

Change management process to maintain up to date sBOM with engineering source data and automate publish of parts information to ERP system

Key metrics

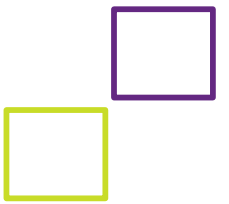
eParts catalogue solution delivered for 476 models having ~6000 part list, ~9000 interactive illustrations & ~2000 service circulars defined for 1 million engine serial numbers

Accurate 3D parts information available at the point of sale

Improve parts ordering accuracy

Reduced operational cost for Parts Catalog release and maintenance

Project Highlights



Upgrading Enovia from Version 10.5 to Enovia Version V6R2012

Customer: Manufacturer

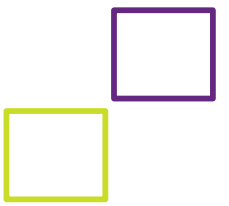
Applications: Engineering Central, Designer Central, Team Central CATIA V5 Integration

Duration: 5 Months

Total Effort: 130 Man-days

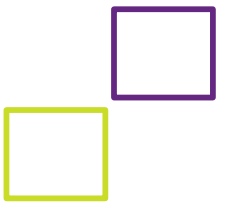
Key Challenges: 5 FCS Sites, CATIA V5 Integration

Key Activities /Highlights



- Routing Automation is upgraded with V6 data structure
- Project executed with Onsite-Offshore Model with collaboration and deployment tools like Mantis, SVN, Ant, MxUpdate
- Restructured old code with ENOVIA best practices
- CATIA V5 Integration upgraded and new configurations from DSC V6 are adapted
- New Search pages introduces

Challenges Faced



- Configuration Parameters of **Designer Central** is changed drastically between ENOVIA 10.5.x to V6R2012
- **Licensing model** was not in 10.5 but was there in V62012.
- Lots of customization around ECO and Part Process and adoption of that customization in latest OOTB Release was a challenge
- New UI adoption on lots of customized code.
- **No Documentation was available** on Customization done over 10.5 so it was a challenge to covert customization with latest release functionality

Achievements

