

Northrop Grumman Case Study

American global aerospace and defense
Technology company



Project: EasyPDP an intuitive and productive Product Definition Package (PDP) solution

The Business Challenges:

- Authoring/editing within source system non intuitive, error prone, and time consuming (Notes, Processes, Finishes, Materials, Product Structure, Effectivity,...)
- Need to introduce timely enhancements to the system and user interface
- Poor user adoption due to usability and productivity
- User productivity impacting program schedule and cost

Benefits & Highlights of eQube DaaS based solution

- Initial solution deployed in Production within 3 months
- User productivity increased by more than 30%
- Training time reduced from 40hrs to 1hr
- User adoption increased
- Consistent EasyPDP interface for both Teamcenter Unified and Teamcenter Enterprise benefiting user training, adoption and productivity

Features

- The EasyPDP ‘for-purpose’ app, for most use cases. consolidated and orchestrated task-based activities in single click operations within a single screen
- No modifications to Teamcenter or Teamcenter Customer customization layers were required
- Orchestrations driven by business processes
- Reduction of over 90% of user interactions (picks and clicks/windows)
- Increased user productivity with improved quality

eQ Process

- eQ Products used: eQube®-MI and eQube®-API Gateway
- eQube® Web App Toolkit for building the EasyPDP app
- eQ Smart Cache technologies used for performance

