convergence data
Data-Driven Decisions

Weatherford®

ptc

Background on Project

Weatherford engaged Convergence Data (CDS) to:

- Classify and standardize 1M parts across divisions
- Onboard parts from new acquisitions while mitigating duplication
- Centralize and rationalize parts and promote global reuse
- Publish classification data to PLM/ERP – Windchill/JDE

Our Approach

Define Foundational Classification Parts Taxonomy

Centrally Classify All Parts in Windchill PLM

Identify, Analyze, and Consolidate Duplicate Parts

Workflows for New Item Creation and Reuse

CDS Methodology

- Applied 8-step methodology for parts classification
- Classified and enriched data to drive findability of parts
- Implemented New Parts Introduction (NPI) governance process
- Leveraged analytics to expose duplicate parts by attribute clustering

Key Outcomes

20% Average Reduction in Direct Material Spend

35% Reduction in the number of Parts

40% improvement in Rental Asset Re-Use

25% Increase in Parts Re-use