

# Quality Improvement: Using Windchill to manage products throughout the lifecycle



## Executive Summary

DxP Services has helped a major railway company to upgrade its Windchill product, leading to better product management and quality improvement. This solution is part of a long-term roadmap to support PLM extensions to integrate with other departments in the company (Purchasing, Service)

## The Challenge

- Products and structure managed in CAD systems only
- Very high number of products, variants and changes - uncontrollable
  - This can lead to failures, bad products, substandard quality, time lost for repairs
- Customer wants to satisfy the demand for service and operational quality by fast-tracking digitalization

## Our Solution

- Implement a solution that will integrate with CAD structure and create engineering BoM with integrated change management
- Windchill PDMLink 12.1
- CAD Data Management – Creo Parametric, AutoCAD
- Engineering BOM management
- Change Management
- Single Sign-On
- 100 users now live after multi-phase implementation

## Key Results And Benefits

**10%**

Reduction in design errors with improved quality

**100 Users**

Upgraded system up and running for 100 users

**15%**

Reduction in change cycle duration with digitalization

## ABOUT DxP SERVICES

**DxP Services** is an ITC Infotech specialized business unit focused on the implementation and adoption of PTC's industry-leading Windchill®, Product Lifecycle Management (PLM) software, as well as Cloud and Windchill+® SaaS offerings. Created through the acquisition of PTC's PLM implementation services division, **DxP Services** is the largest global PTC PLM ecosystem. The combination of PTC Heritage and ITC Infotech Power means that **DxP Services** is uniquely positioned to help accelerate customers' digital transformation initiatives.

Our portfolio of services augments value at every step of Modern Industrial Evolution; covering Consulting, Implementation, Deployment, and Migration. **DxP Services'** team of PLM Professionals are trusted advisors to our Customers during their Digital Transformation.

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