



PLM Road Map & PDT Fall 2020

Essential Elements to Create a Connected & Collaborative Digital Enterprise

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Anark Corporation

Leading provider of technical content management and visual collaboration software and solutions

Empowering Digital Transformation within Aerospace, Energy, High Tech, Automotive, Transportation, Marine, Utilities, and Medical Equipment sectors

Enable customers to generate and manage role-specific technical data packages (TDPs) and connected digital workflows for more efficient communication & collaboration along the Digital Thread.

Anark Corporation HQ in Boulder, Colorado, with offices in the Washington DC, Detroit, Chicago, San Francisco, and Bangalore, India.

Worldwide network of technology and integration partners.



Industry 4.0 & Digital Transformation Trends

A hand holding a glowing blue globe with digital connections and the text 'IOT' below it. The background is dark with blue light effects and a network of glowing lines connecting various points.

- OEMs & their suppliers need to improve quality, minimize waste, comply with regulations, and more rapidly satisfy customer demand.
- Digital Transformation strategies are built upon smart, connected Digital Thread/Twin, IOT, AI, AR, additive mfg, and Model-Based Enterprise (MBE) processes and solutions.
- Cloud, big data, mobile, and IOT empower smart, connected digital processes for efficient, information-rich data sharing and collaboration throughout the enterprise and supply chain, and into the field.

The Value of Digitalization



20%
improvement
in new product
introduction



30%
reduction in
engineering time



20%
reduction in
manufacturing
and supplier
rework



74%
reduction
in design,
manufacturing
and inspection
cycle time



77%
reduction
in supplier
response time

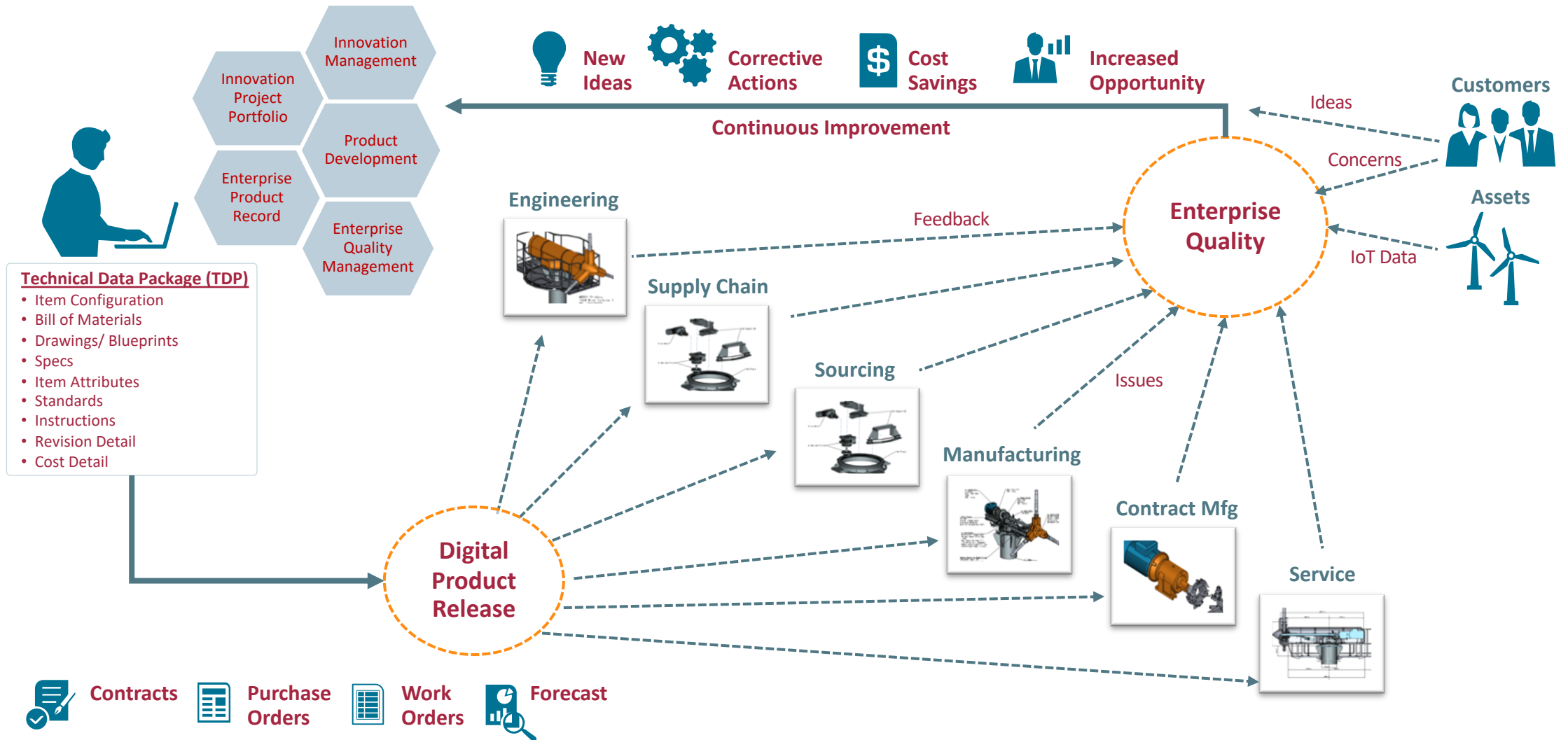
Sources: Benchmark & research studies presented by LNS Research, US Navy Naval Air Command, and National Institute of Standards & Technology (NIST)

Successful Digitalization is empowering OEMs and their suppliers come to market faster, with higher quality products, with significant cost savings.

Deployment Challenges

- Customers struggle with PLM/ERP systems functionality gaps & limited interoperability which stymies adoption.
- Existing solutions for data sharing, collaboration, and visualization are often proprietary, rigid, ad-hoc and poorly suited for a modern web-based Digital Thread paradigm.
- Customers challenged with managing wide array of disparate technical data types/file formats required to achieve enterprise digitalization.
- Until recently, enterprise OEMs and their suppliers have been slow to implement public cloud strategies.
- Process & culture change is hard

Technical Data Packages and the Digital Thread



Embrace Open Standards

Content Standards

3D

Standards Orgs

Web



Document



PRC

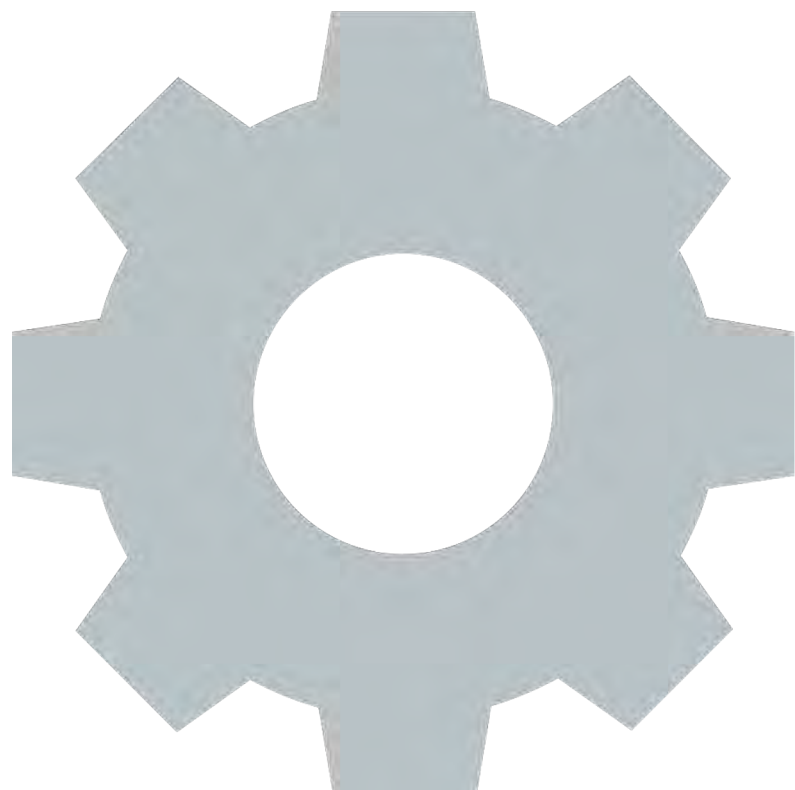
ISO 14739-1:2014



Process, Culture, & Technology



- Digital Transformation requires organizational commitment, management support, team member alignment
- Connected, managed access to right data, at the right place, at the right time with intuitive collaboration essential for successful enterprise-wide digitalization
- Focus on objectives, outcomes, ideal processes first
- Resilient, open, flexible platforms & applications to support process key
- Be ready for rapid continuous change...



Thank You