



# 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.**

**Founding member of 3D PDF Consortium**, with most advanced, automated 3D PDF publishing with high-fidelity, multi-CAD MBD support

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

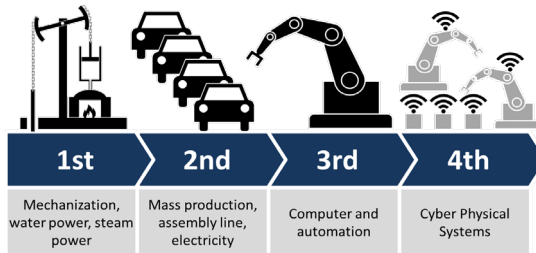
**Worldwide network** of technology and integration partners.



# Smart, Connected, Collaborative

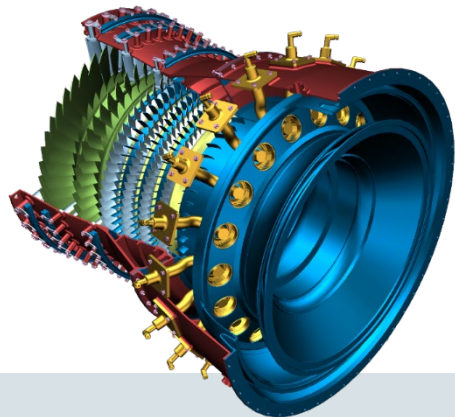


**Intelligent Information Management (IIM)** defines all the strategies, methods, and tools utilized to capture, create, store, secure, analyze, deliver, and automate data. IIM is all about Data AND Content, not Data OR Content. - *AIIIM*



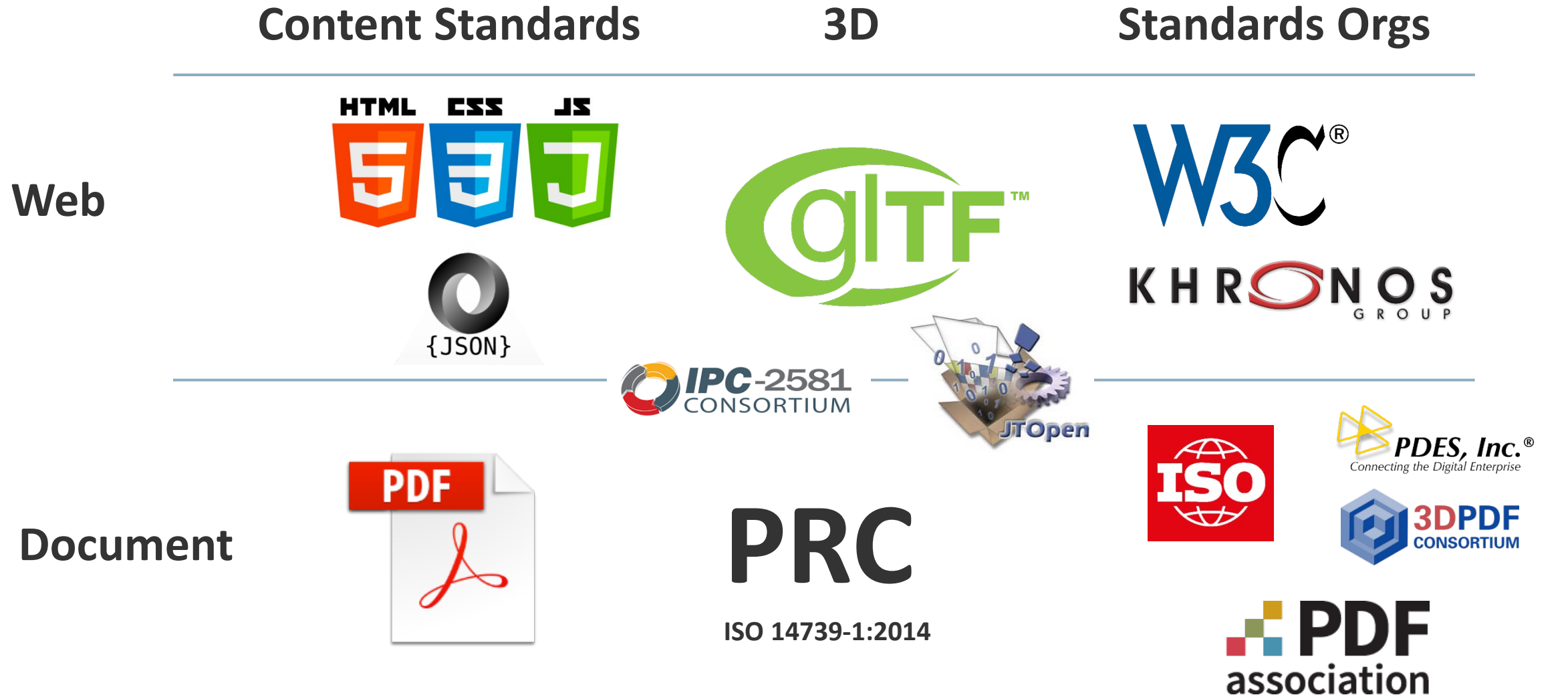
**Industry 4.0** fosters what has been called a "smart factory". Over the Internet of Things, cyber-physical systems communicate and cooperate with each other and with humans in real-time both internally and across organizational services offered and used by participants of the value chain. - *Industrie 4.0 Working Group*

**The Digital Thread** refers to the communication framework that allows a connected data flow and integrated view of the asset's data throughout its lifecycle across traditionally siloed functional perspectives. - *Industry Week*

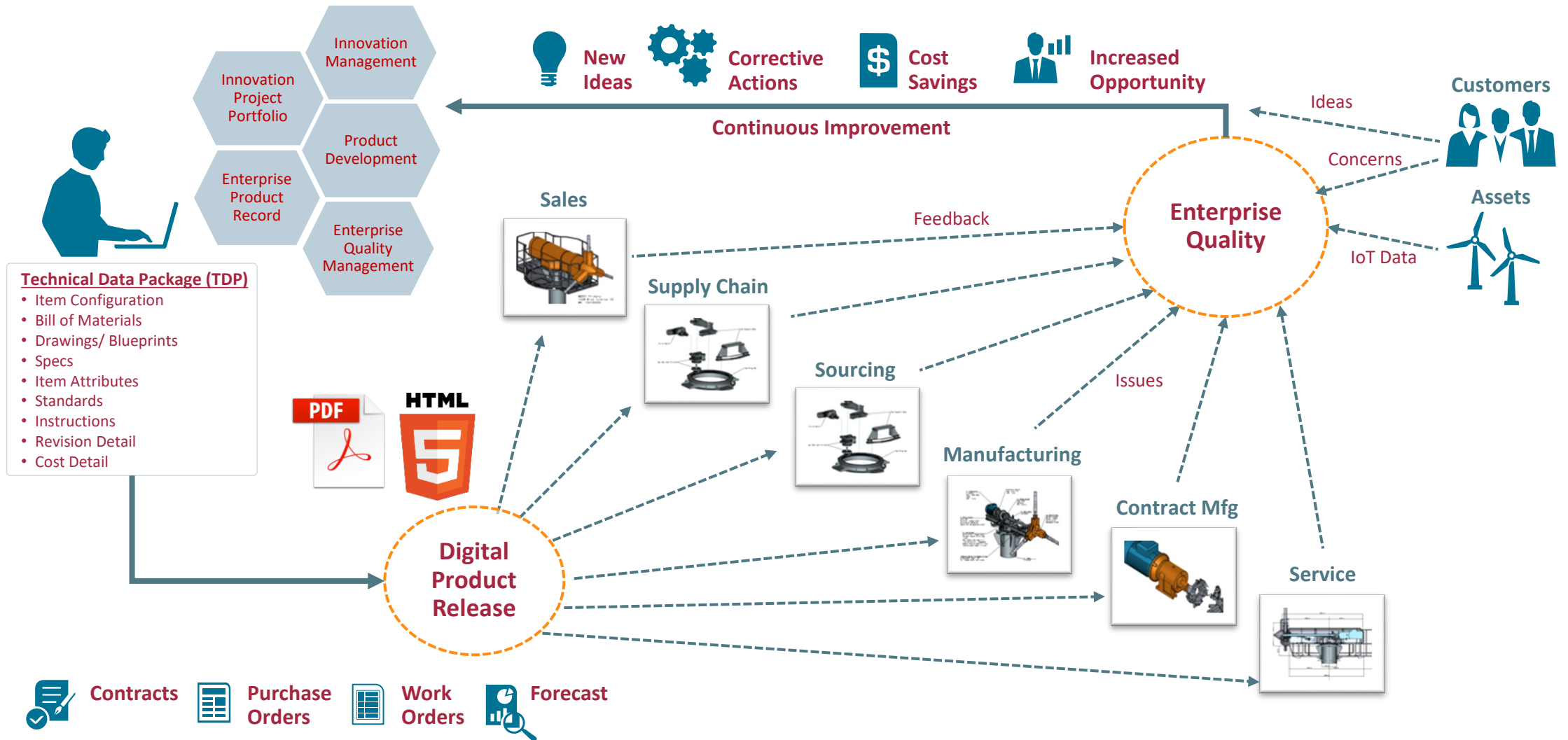


**Model-Based Enterprise (MBE)** is a fully integrated and collaborative environment founded on 3D product definition detailed and shared across the enterprise; to enable rapid, seamless, and affordable deployment of products from concept to disposal. - *MxD*

# Open Standards for Technical Content



# Technical Data Packages and the Digital Thread



# The Value of Digital Transformation



**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



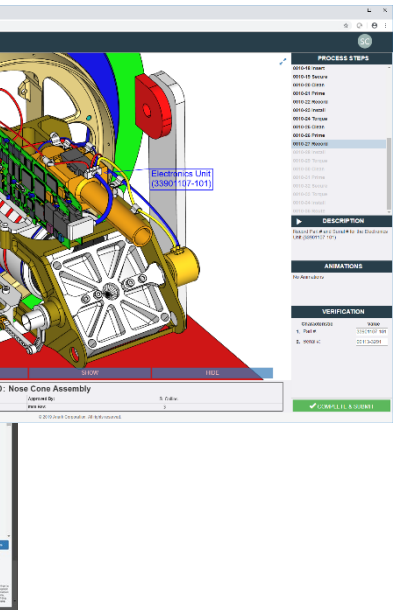
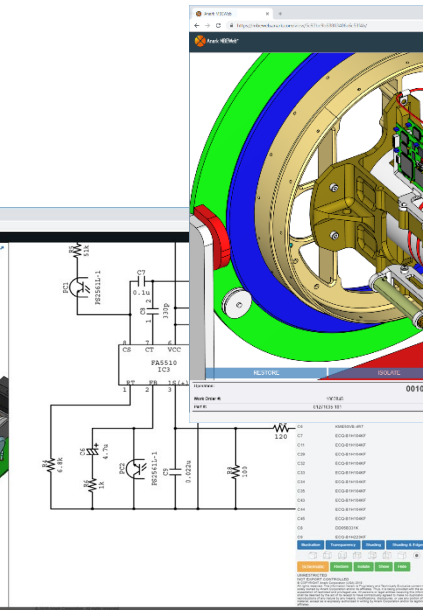
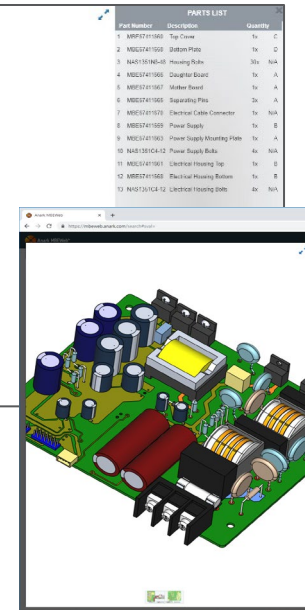
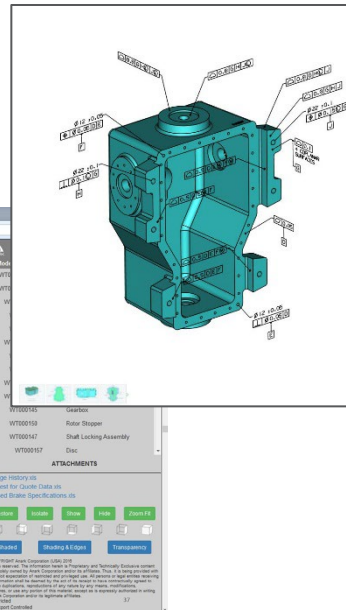
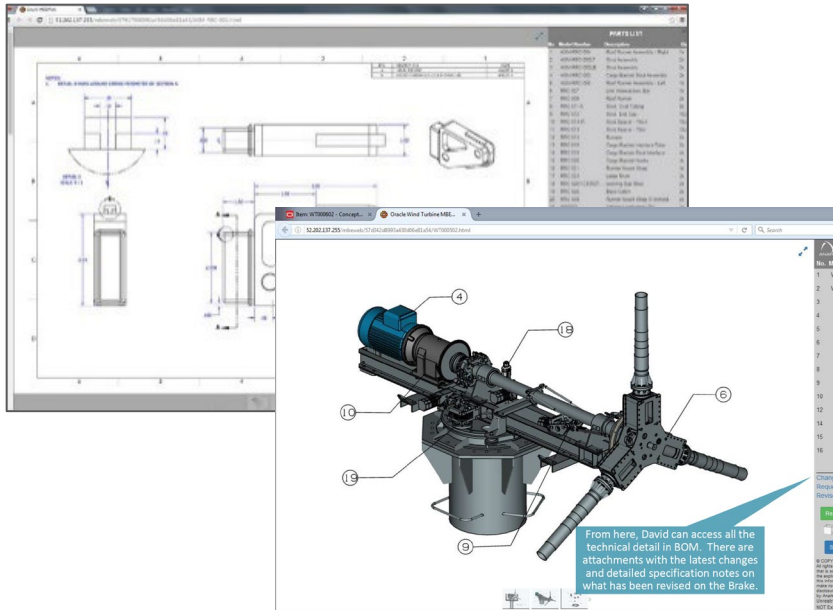
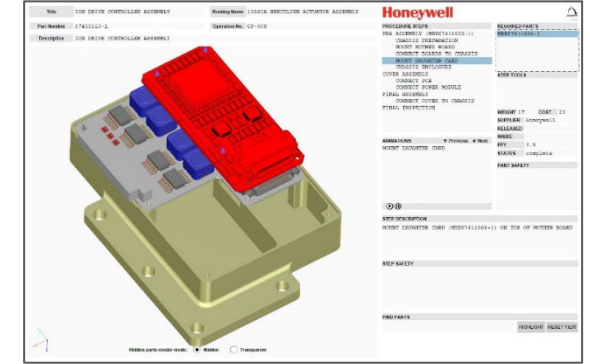
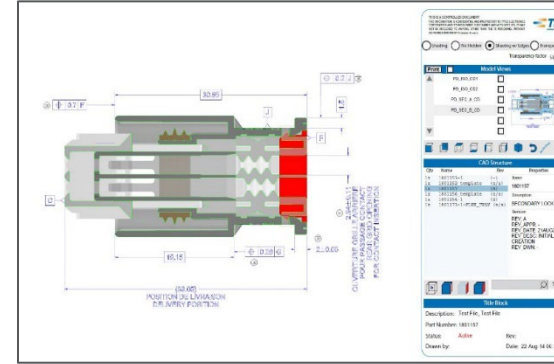
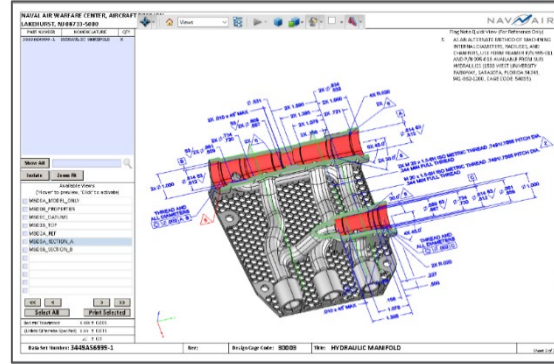
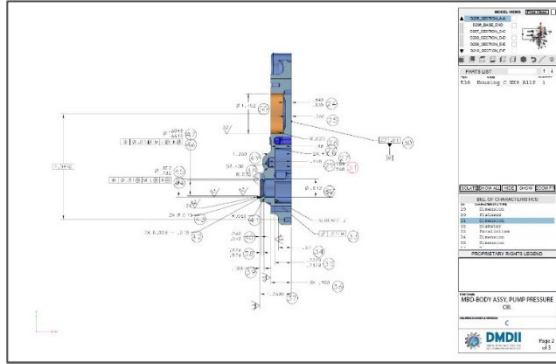
**77%**  
reduction  
in supplier  
response time

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

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



# Connected, Collaborative, Traceable, Technical Content & Digital Workflows



From here, David can access all the technical detail in BOM. There are attachments with the latest changes and detailed specification notes on what has been revised on the Brake.



**SIKORSKY CH-53K**

## NAVAIR PMA-261

### *Use Case:*

- NAVAIR PMA-261 (CH-53K) award winning project to accelerate reception of OEM MBE based data to then create MIL-STD-31000 based 3D PDF Technical Data Packages (TDPs)

### *Details:*

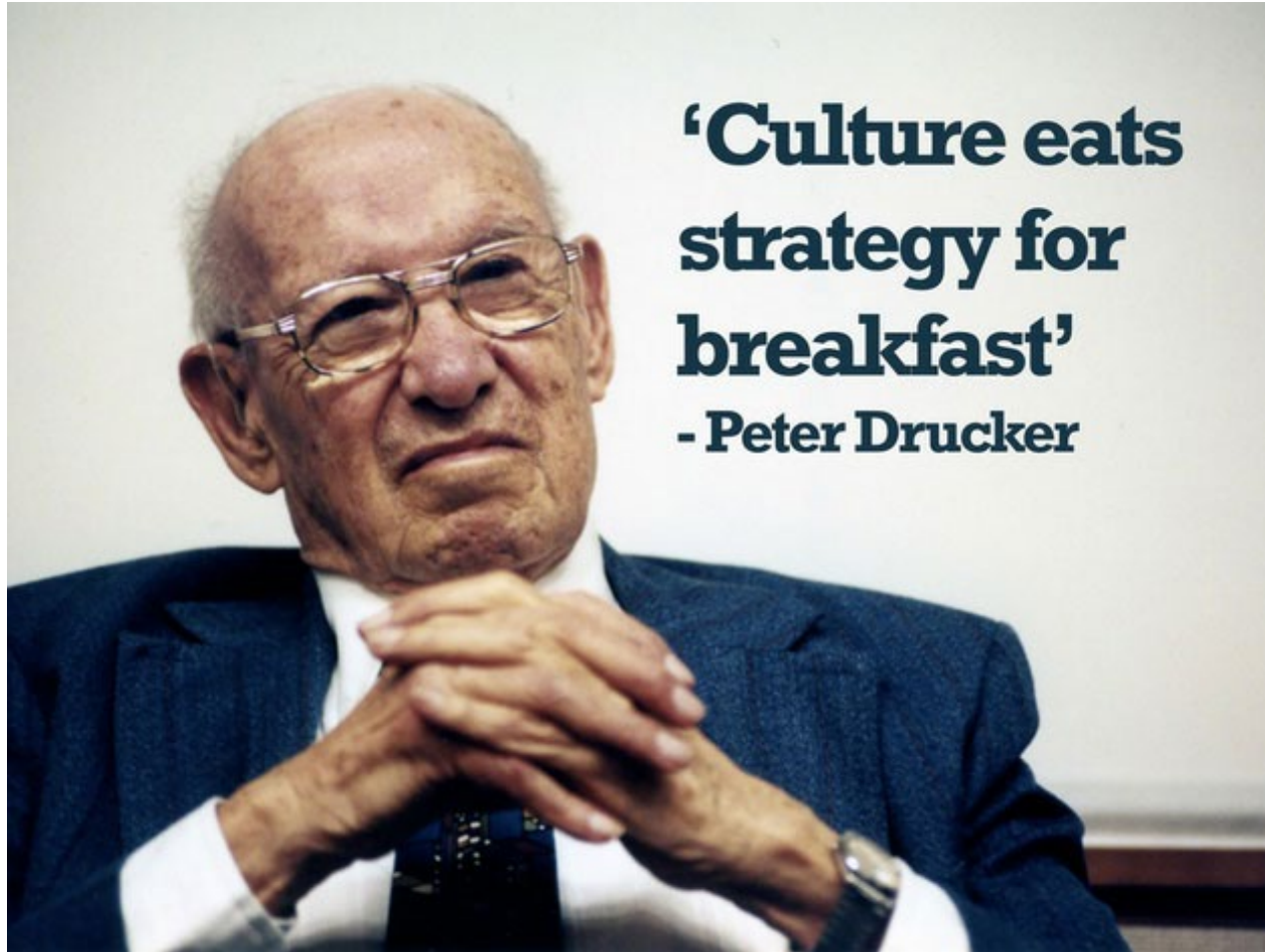
- Validated, standards based 3D PDF TDP needed for effective communication, collaboration and archival with other organizations, especially the Defense Logistics Agency (DLA) and Naval Flight Readiness Centers

### *Benefits:*

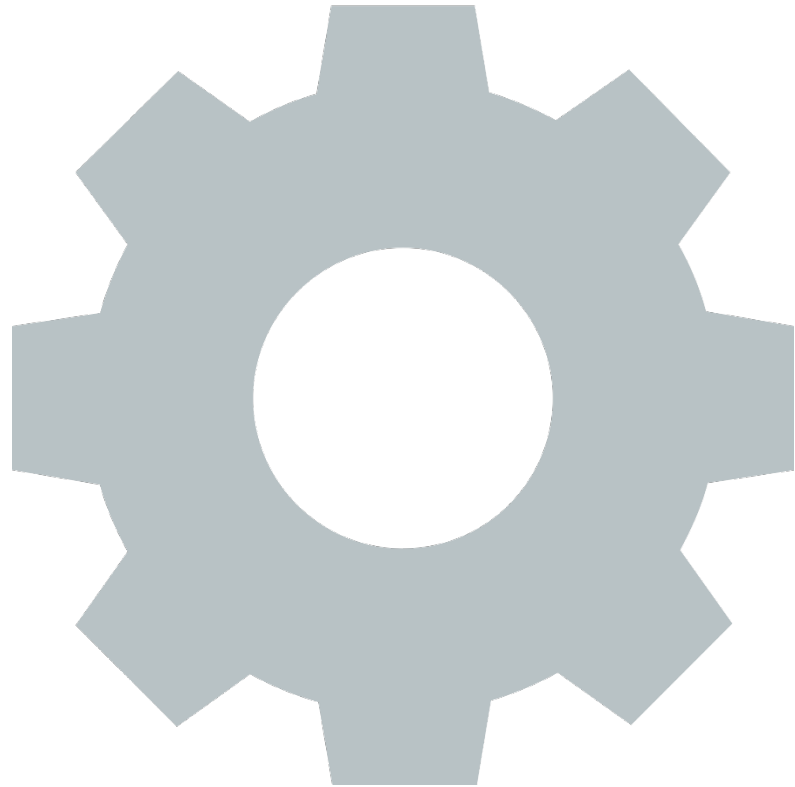
- Avoids manual TDP creation process saving multiple FTE years of labor
- Avoided costs and overhead for delivering native CAD formats to organizations, especially the DLA, since costs to use and handle proprietary formats is not sustainable



# Process, Culture, & Technology



- Interoperability and access to complete & current technical data are essential
- Open industry standard formats are essential, and should serve as a cornerstone of effective digitalization to empower efficient, flexible data distribution, visualization and collaboration
- Leadership & organizational commitment and alignment is critical for successful digitalization strategy and process.
- Tools for effective collaboration and access from virtually any device, from any location, increasingly important
- ROI for successful implementation is huge!



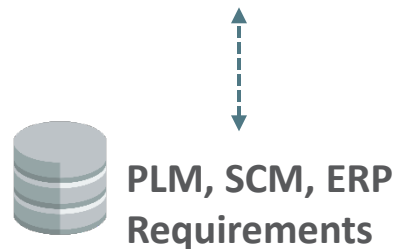
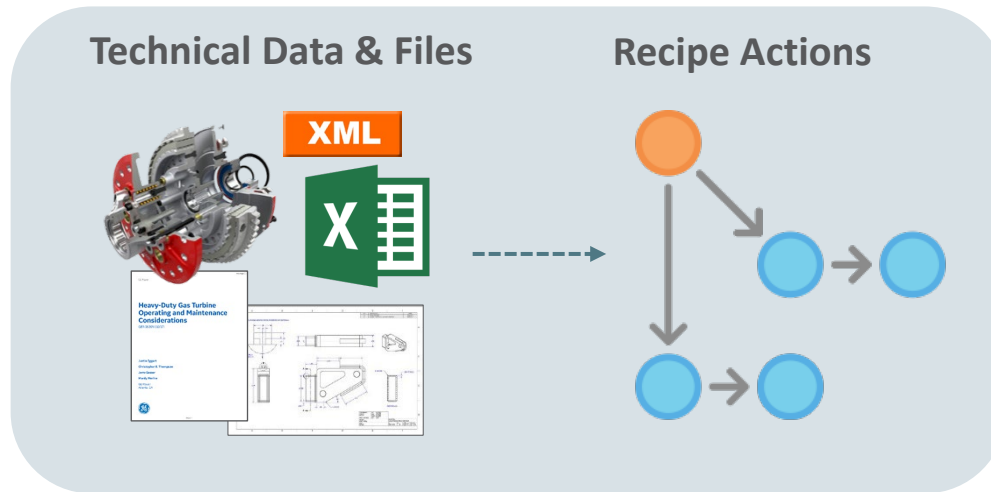
**Thank You, Q&A**

**[solutions@anark.com](mailto:solutions@anark.com)**  
**[www.anark.com](http://www.anark.com)**

# Anark Content Services for the Digital Thread



Publishing Automation Services



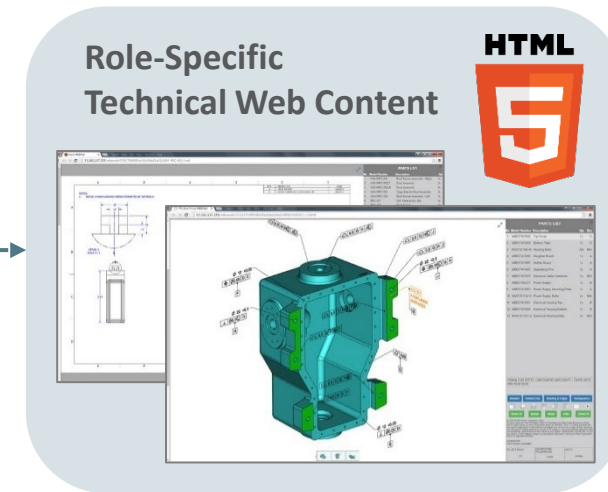
PLM, SCM, ERP  
Requirements



PDF



Content Management & Collaboration Services



PLM, SCM, ERP, MES, IOT  
Requirements

Consume & Collaborate

