How to Assess and Build a DX Strategy With a Digital Transformation Maturity Assessment

Evaluate Every Aspect of Your Business

One method to facilitate the creation of a Digital Strategy and a Roadmap to begin the journey, is to start with a Digital Transformation Maturity Assessment (DTMA). A DTMA is a comprehensive evaluation process used to determine an organization's current level of digital maturity. This assessment helps organizations understand where they stand with digital transformation and identifies areas for improvement. It creates a client's specific roadmap for starting or continuing their Digital Transformation journey—including current state, future state, basic architecture, risks and first steps.
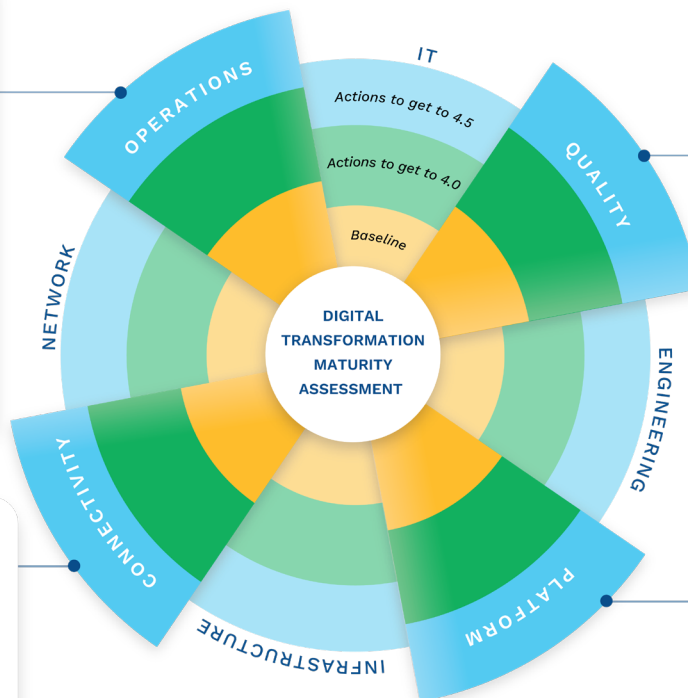
Our deliverable is a final report that includes the evaluation, assessment, road map and maturity score. Key outputs are a digital strategy, a recommended basic architecture & technology, and a recommended proof-of-concept project to demonstrate the technology. Below is a graph depicting excerpts from an actual DTMA performed for one of our clients.

OPERATIONS
- **Baseline Score: 3.75**
  SAP with some predictive maintenance using vibration sensors
- **DX Improvement: 4.0**
  Install an ML Ops platform to run in real time; build dashboards for operators & managers
- **Ideal Scenario: 4.5**
  Unified Namespace data platform to include all IT and OT and extend to the cloud for all to use

CONNECTIVITY
- **Baseline Score: 2.5**
  Plant has no access to corporate IT or SAP data
- **DX Improvement: 4.0**
  Demonstrated ability to deploy cloud-based solutions with open platform and open source applications
- **Ideal Scenario: 4.5**
  Plant has optimized EDGE and cloud services, achieving 100% connectivity

QUALITY
- **Baseline Score: 3.25**
  QC ensures that all products are manufactured consistently throughout the corporation
- **DX Improvement: 4.0**
  Deploy a comprehensive QMS System with electronic workflow
- **Ideal Scenario: 4.5**
  Use AI and data analytics to predict quality issues before they happen

PLATFORM
- **Baseline Score: 2.5**
  Siloed and fragmented; no data integrity
- **DX Improvement: 4.0**
  Integrate siloed data into a data bus for use by AI and proactive/predictive capabilities
- **Ideal Scenario: 4.5**
  A complete EDGE/Cloud ML Ops platform to support model building, management, and deployment

DIGITAL TRANSFORMATION MATURITY ASSESSMENT

OPERATIONS · IT · QUALITY · ENGINEERING · PLATFORM · INFRASTRUCTURE · CONNECTIVITY · NETWORK

Actions to get to 4.5
Actions to get to 4.0
Baseline

These suggested actions are representative of some of the potential benefits of taking the first steps toward adopting a corporate-wide digital strategy and ensuring your plants are on board.

CONTINUA PROCESS SYSTEMS

Get Started By Scheduling Your DTMA