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



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## **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.

QUALITY

Baseline Score: 3.25

QC ensures that all products are manufactured consistently

throughout the corporation

Deploy a comprehensive QMS

Use AI and data analytics to predict quality issues before

DX Improvement: 4.0

Ideal Scenario: 4.5

System with electronic

### **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

# Actions to get to AS Baseline ENGINEERING MATURITY ASSESSMENT

INFRASTRUCTURE

MAOTTALORM

# PLATFORM

workflow

they happen

- 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

## 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

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.

