

FIVE COMMON PITFALLS TO SCALING DIGITAL TRANSFORMATION IN MANUFACTURING

1 Siloed Implementation

By pursuing digital transformations as a theoretical exercise, many companies unwittingly set up independent delivery teams that are decoupled from business leaders, site operations, manufacturing excellence and central IT. Others focus too much on replicating a single site experience, failing to appreciate wider network complexities.

2 Technology-driven rather than value-driven

A technology-first rollout means that solutions are deployed without a clear link to real value opportunities, business challenges or capability requirements. The result: undermining crucial buy-in from the people charged with making deployment work.

3 Letting the 'perfect' defeat the good

By waiting until a fully-fledged, ideal-state data and IT/OT (information technology/operational technology) architecture is defined and implemented before rolling out Industry 4.0 solutions, manufacturers lose out on the shorter time-to-impact made possible through a proven and pragmatic minimal viable architecture.

4 Analysis Paralysis

Performing a full and deep upfront analysis of an entire network can leave a manufacturer out of steam before a transformation can get off the ground. Instead, robust, accurate-enough insights can be gleaned from a well-developed extrapolation methodology.

5 Failure to adapt

By deploying a one-size-fits-all approach, manufacturers miss the opportunity to build in the customization and adaptation needed to leverage the unique circumstances, culture and values of separate factory sites.

Contact us today to discuss your Industry 4.0 or Digital Transformation journey.

Source: McKinsey & Company "Capturing the true value of Industry 4.0" April 2022