

# IloT in a Future State Environment: Working on your Smart Manufacturing strategy? Digital Transformation? John Dyck, Keynote Address at DMC 2019

The Future of IloT - a pragmatic perspective on how the IloT Ecosystem needs to evolve in order to see the value creation we all expect!

Working on your Smart Manufacturing strategy? Digital Transformation? For most manufacturers, scaling up beyond Proof of Concept is proving to be a challenge! The idea of 'Pilot Purgatory' has become far too familiar!

Most manufacturing leaders today would agree that there's significant value to be captured under the umbrella of IloT (Digital Transformation, AI/Machine Learning & Predictive Analytics, Digital Twin, etc.). Industry experts have talked extensively about a multi-trillion-dollar value tied to IloT, but for most manufacturers, connecting the dots between this vision and their own journey has proven to be elusive. The idea of predicting process behavior or machine failures using AI and/or Machine Learning is generally accepted as possible – and many are in the process of piloting these concepts – but for all but the earliest of early adopters, this is still in the realm of 'vision'. The entire industry – manufacturers, vendors, system integrators, machine builders, academia, etc. – needs to engage in this transformation, if we're to avoid propagating the complexity and proprietary behaviors that have characterized the last two decades on this journey. The path forward to Smart Manufacturing demands a dramatic reduction in the cost and complexity of how we justify, select, implement and manage these systems, and perhaps even more importantly, the cultural transformation that will ultimately pave the way for this journey.

