

# Building Innovative Manufacturing Platforms for Industry 4.0

The manufacturing industry has historically been an early adopter and a direct beneficiary of technological advancements. Successive industrial revolutions have steered the industry from a world of scarcity to one of surplus—quality goods and alternate options. This rise in quality of life has been made possible through the combined capabilities of mass manufacturing and precision engineering.

# Manufacturing 1.0



Water and steam-powered machines increased production capabilities.

# Manufacturing 2.0



Electricity became a more efficient energy source, enabling machine mass production.

# Manufacturing 3.0



Transistors and integrated circuit chips made full automation possible. Integrated systems enabled humans to plan, schedule, and track product flow.

## Manufacturing



IoT enables machines to share and analyze information and make intelligent actions. It incorporates robotics, AI, augmented reality, and other cognitive technologies.

After championing precision, efficiency, and scale, our factories are gearing up for the next big step in their evolution—collaborative and self-aware platforms. The experts are calling it Industry 4.0.

## **Current Challenges in Manufacturing**



Large numbers of specialized machines working in isolation



Manual intervention needed for successive stages of manufacturing



No systems to harness, analyze, and translate information into actionable changes



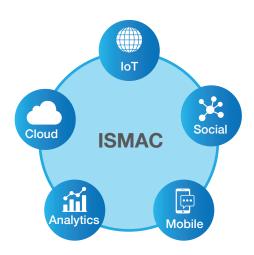
Staff involved in repetitive tasks

# Factories of Tomorrow—Industry 4.0





#### **Our Services**



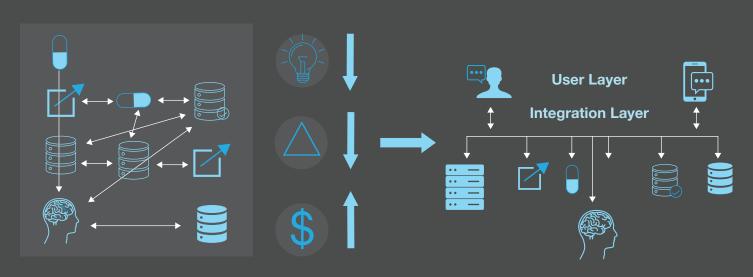


The Cooper Power Systems' acquisition integration project of Cannon Technologies led by Kellton Tech was completed in 5 months with a successful go-live that was the smoothest go-live of my career.

#### **Diane Bulgrin**

Director of IT, Cooper, an Eaton company

## **Digital Connected Enterprises**



**Disparate applications** 

**Integrated Enterprise Environment** 



Kellton Tech's team of experts were instrumental in our project to localize the SAP core model from our French parent company and ensure a successful implementation for our Houston and Tulsa operations. Both projects went live on-time and on-budget with no major disruptions to the business.

#### Rich Kelley,

Vice President of Operations, Sercel

# **Enterprise Solutions**





We have been performing SAP S/4HANA implementations and migrations since 2015

### The Kellton Tech Advantage



Process Orientation ISO 9001:2015 CMMI Level 5



**Quick Go-to-market** Stability with agility



**Multi-front Engagement**Cost-effective onshore,
offshore, and hybrid models



**Years of Experience** working with ISVs



SAP and Kellton Tech have enabled us to fully integrate our order-to-cash business processes with our purchasing and production functions. This has allowed better financial reporting as well as a more accurate inventory of raw materials and finished goods."

# Jennifer Homann,

Chief Operating Officer, Bethyl Laboratories Inc,



# Some of Our Manufacturing Clients



**PHILIPS** 











Kellton Tech is a "Born Digital" technology consulting and services company with operations across the US, Europe, and Asia. Our team of 1,500 plus dedicated Kelltonites takes a technology agnostic approach to deliver innovative solutions that drive exceptional business value, empowering... "Infinite possibilities with Technology"



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