Leading global provider of industrial power, control and information solutions
The Connected Enterprise
Implementation & Transformation

Rockwell Automation

20 PLANTS

UP TO 200 SKUs PER ORDER

20 YEARS AVG PRODUCT LIFE

387,000 SKUs

PRODUCT TYPES
- Stock + Configure to Order
- Engineered to Order
The Challenge

Create 5-year plan to **entirely restructure** our facility and supplier network
THE APPROACH

1. Created a 5-year plan
2. Dedicated resources
3. Developed a detailed playbook One and Only One Way
ISSUES DISCOVERED

People  Process  Technology
Collaboration: manufacturing IT and corporate IT

PEOPLE

Mobility

Localized operator workflows

Centralized experts + strategy + processes

High caliber, localized engineers
PROCESS

- Centralized strategy and/or core design
- Tied configuration to metrics
- Centrally managed toolkit
- Supply chain optimization
- Standardization
TECHNOLOGY HEADWINDS

ERP

MES

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The Connected Enterprise
Implementation at Rockwell Automation

Scalable computing
Mobility
Secure Network Infrastructure
Multi-discipline Control & Information
Smart Assets

Rockwell Automation Cloud platform
Modular Information Solution – FactoryTalk VantagePoint EM
Standard Ethernet with Common Industrial Protocol (CIP)
Manufacturing Execution System - FactoryTalk ProductionCentre
Integrated Control and Information - Logix
Data Collection

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The Connected Enterprise
Rockwell Automation Transformation

<table>
<thead>
<tr>
<th>LOWER TOTAL COST OF OWNERSHIP</th>
<th>FASTER TIME TO MARKET</th>
<th>ENTERPRISE RISK MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inventory</td>
<td>Delivery</td>
<td>Time to Want</td>
</tr>
<tr>
<td>120 days to 82 days</td>
<td>Mid-80s to 96%</td>
<td>82% to 98%</td>
</tr>
<tr>
<td>CapEx</td>
<td>Lead Times</td>
<td>Quality</td>
</tr>
<tr>
<td>30% per year in capital avoidance</td>
<td>Reduced 50%</td>
<td>50% reduction in PPM</td>
</tr>
</tbody>
</table>

Private: 50% reduction in PPM

Productivity ➤ 4% to 5% per year
<14% MANUFACTURERS In the U.S. have tied their machines to the enterprise network.

SOURCE: Industry Week
ABOUT CULTURE

Preparation + Agility = Results