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Connected Manufacturing

Increasing Agility, Efficiency, and Business Outcomes with IoE

Round table with Analysts

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Complexities of the Manufacturing Value Chain



What Is the Opportunity?



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Global Industry Partnerships



Stanley Black & Decker Reynosa Transforming Operations with IoT

StanleyBlack&Decker

"With the help of the Cisco and AeroScout Industrial solution, we are on our way toward realizing our vision of a virtual warehouse and fully connected factory, with complete visibility and traceability."

-Gary Frederick, CIO Industrial Division, Stanley Black & Decker



Challenge

- Get better transparency of real-time production to schedule
- Dissect why actual labor costs exceeding standard costs
- Need to understand effects of shift changes
- Gain better visibility to real-time OEE

Solution

- Leverage Cisco WiFi in the plant
- Combine with AeroScout RFID tags
- Integrate RFID Tags to PLC to Quality Scale

Results

- 24% in OEE in router line
- Reduced labeling error rate by 16%
- Improved labor utilization from 80 to 92%
- Reduced inventory holding costs by 10%



Thank you.

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