

- Visibility to real-time overall equipment effectiveness and line productivity and reducing production line change over time

Solution

- Implemented AeroScout Real-Time Location System (RTLS)
- Cisco® Wi-Fi infrastructure and plantwide Ethernet

Results

- Provided 24 percent increase of overall equipment effectiveness (OEE) On the router production line
- Allowed faster decision making because of immediate notifications of any issues
- Reduced labeling DPMO by 16 percent
- Realized labor utilization improvements from 80 to 92 percent
- Provided better labor ergonomics (line layout redesign to reduce excess of motion and repetitive movements) and reduced labor training
- Increased throughput by around 10 percent
- Reduced inventory or material holding costs by 10 percent
- Empowered employees on the line to notify supervisors of product quality



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