

Cisco IoT Driving Digital Transformation at Emerald



“ The Cisco AS Solution Validation Services team was essential in helping us realize our vision of reaching a broad range of new clients with the ability to supply them with a secure reliable self-deployed solution.”

Amir Aloni
CEO, Emerald

“ Our Cisco team working with the local IoT Ecosystem Center helped Emerald validate manufacturing use cases and the customer results exceeded expectations.”

Ohad Richberg
Cisco

For more information

To learn more about the Cisco IoT solutions, visit: www.cisco.com/go/iot



Challenge

Emerald provides production and resources management solutions globally. Emerald LeaderMES systems operate in highly demanding manufacturing environments worldwide. Emerald worked with Cisco to shrink the time to production for its manufacturing process automation system. The leadership team sought self-deployed solutions that would drastically decrease installation time, reduce complexity, and increase security.



Business outcomes

- Expanded market opportunity by applying Emerald LeaderMES to digital manufacturing transformation
- Reduced solution installation time from an average of 4 weeks to 1 day
- Worldwide deployment scope due to compact size and remote management
- Rapid time to value with measurable customer impact—OEE improvement, workforce optimization, and manufacturing process cycle time reduction



Solution

- IoT connectivity: Cisco® 819 Industrial Router with WiFi access point
- Fog application framework: Cisco IOx
- Fog application: LeaderMES
- IoT security: policy-based network controls, IOx application security



Securely connect ▶



IOx
IOS
Application framework
Linux



Immediately transform ▶



Deliver insight ▶