5G IoT for Manufacturing

Advancing global adoption of 5G IoT for Smart Manufacturing
5G IoT can help realise manufacturers’ business drivers

Core business drivers:
- Minimise production line downtime
- Maximise productivity and quality
- Real-time decision making
- Cost effectiveness
- Focus on core business

- Secure, reliable and scalable network
- Guaranteed bandwidth
- Edge processing and ultra-low latency
- Capex vs opex
- Decouple operation of the network
5G private and dedicated networks
Benefits propositions

**Product Build & Quality**
- Remote Expertise (AR/VR)
- Automation with Robots and Cobots
- Smart, Connected Tooling
- Defect Monitoring with Machine Vision
- End-to-End Traceability

**Factory Efficiency**
- Predictive Maintenance
- Asset Tracking
- Power and Heat Management
- Machine Vision for Plant Management
- Replenishment of machines and workstations with AGVs
We welcome you to join the 5G IoT Manufacturing Forum

Objective: to educate, support and advance global adoption of 5G IoT by the manufacturing industry and wider industrial sectors.

https://www.gsma.com/iot/manufacturing/
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