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Kaspersky IoT Secure Gateways for new 3D-printing business models

Challenges

- Monitor performance of 3D printing mini-factories in real time
- Optimize operations of digital 3D printing machines, reduce maintenance and material costs
- Enable new business models:
 - Manufacturing as a Service
 - Production on Demand
- Ensure continuous and secure operation of internal digital factory systems

Solution

- Connecting 3D machine fleet to Redfab digital platform via Kaspersky Cyber Immune IoT gateways
- Continuous polling of production and telemetry data, secure transmission of commands and production programs through the gateways
- Protection of 3D machine digital systems from cyber attacks using Kaspersky IoT Secure Gateway

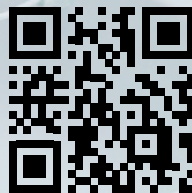
Business value

- Efficient operation of digital mini-factories, minimizing production costs
- Quick pre-production and manufacturing launch on demand
- Reduced equipment maintenance costs
- Expansion to global markets of 3D digital factories through innovative business models





Full description
of the solution



Cyber Immune gateways
for efficient and secure
digital transformation

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