aprotech Kaspersky IoT company

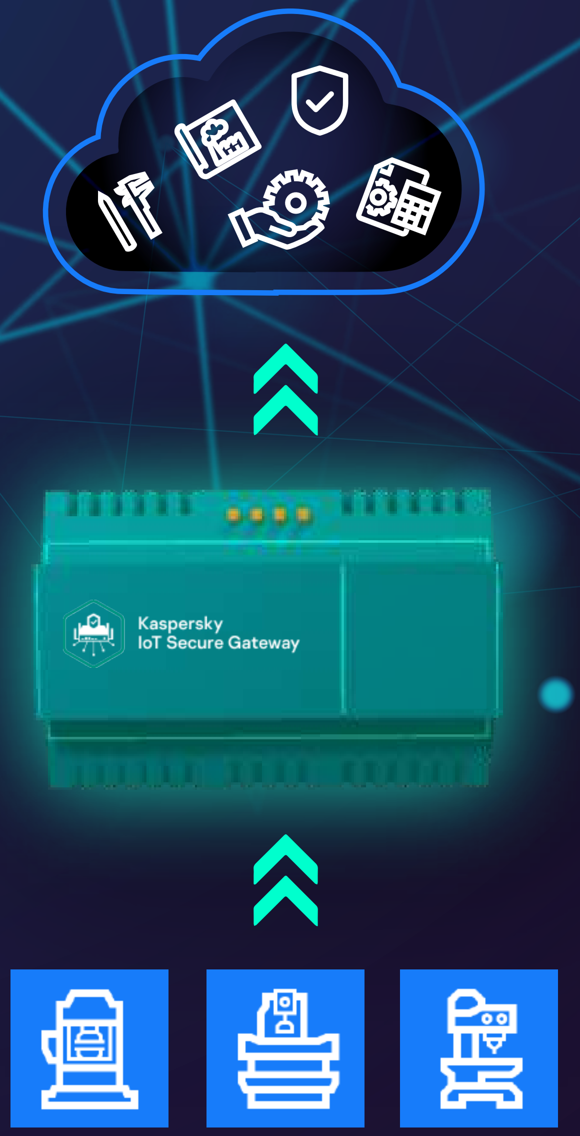
KasperskyOS
Operating system

Kaspersky IoT Secure Gateway

Cyber Immune gateways for connecting
INDUSTRIAL EQUIPMENT
to clouds and business systems

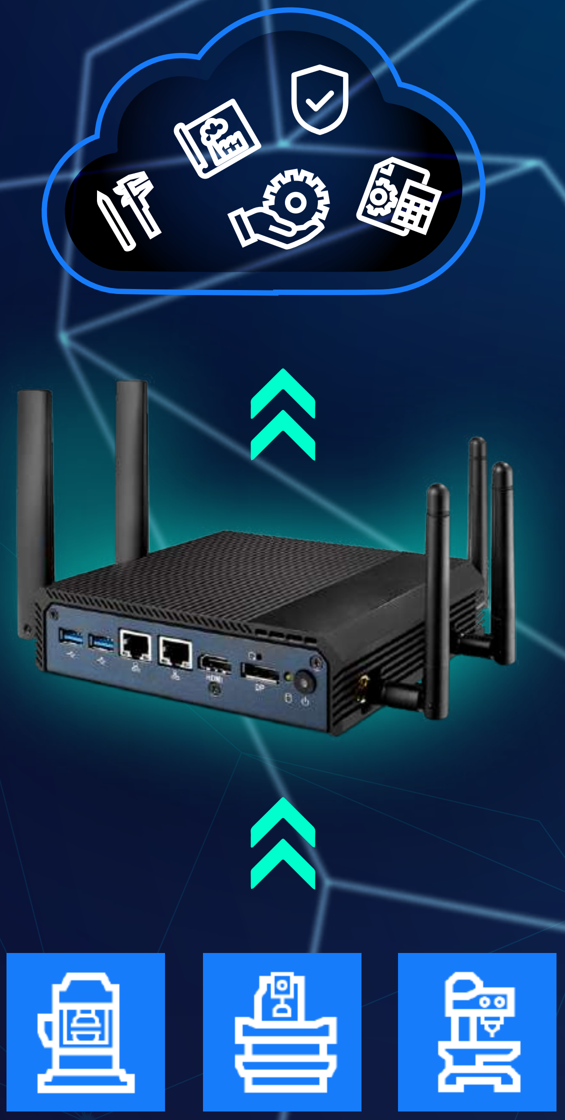
Scenario №1

Gateway as a software data diode (one-way data transmission)



- **Safe and secure transport** of previously unavailable data for business
- **Trusted data received from the gateway help** to build digital analytics and equipment operation forecasting services
- **Operation monitoring** of CNC machines
- **Operation monitoring** of special vehicles (quarry equipment, trucks)
- **Analysis of production chains,** including logistics tracking (RFID)

Scenario №2 Gateway as a router (two-way data transmission)



- Sending security events via the Syslog protocol
- Safe and secure two-way data transport of previously unavailable data for business
- Analysis of industrial protocols (with intrusion detection/prevention functions) to provide protection from external threats
- Control and management of industrial equipment (CNC machines, PLC, printers, robots), monitoring of remote sites
- Protection of the enterprise perimeter, technological data transfer network level protection, creation of a demilitarized zone
- Local network monitoring to detect new connected devices
- Protection of intelligent video surveillance
- Gateway as a part of M2M systems
- Analysis of production chains, including logistics tracking (RFID)

Additional notes:

- Creation of ecosystem using Kaspersky Lab products such as KISG+KUMA+KSRW+ KICS+KSC to provide an end-to-end protection of a production site
- Centralized management of Kaspersky Lab products via Kaspersky Security Center