

Kaspersky  
Industrial  
CyberSecurity

**Protect What Keeps  
the World Running**

# 360° situational awareness and risk exposure control for critical infrastructure

Kaspersky Industrial CyberSecurity (KICS) is a purpose-built platform delivering multi-layered protection for operational technology (OT) environments. It ensures continuity of technological process and availability of control systems.

**Dashboard**

**Device by Security state**

- Critical: 416
- Warning: 121
- Normal: 206

**Device by Status**

- Unauthorized: 416
- Authorized: 353
- Archived: 50

**Traffic by protocols**

**Situational awareness**

- Detected 13 devices with the Unauthorized status
- Received 48 events regarding potential malicious activities
- Detected 1262 vulnerabilities
- Detected 125 attempts of PLC program modification
- Detected 2832 unauthorized network interactions
- Detected 43 interactions about unwanted protocols
- Detected 19 devices using outdated OS
- Detected 1 mobile device
- Discovered 12 GOOSE communications offline
- Found 17 changes in device configurations
- Using remote access services
- Detected 4 facts about using Remote Administration Tools class applications

**Configurations compare**

**Risk scores**

**GOOSE-communications statuses**

**PLC02-TM02 - Equipment**

Slot	Module	Vendor	Type	Model	Order No.	Serial number	Hardware version	Firmware version	Bootloader version	Operation mode	requested: Unknown	current: Run
Slot 1	Processor Module	Siemens	CPU	CPU-412-5H	6ES7 412-5HK06-0AB0	SVPF1313847	4.01	3.3.8	32.9.9			
Slot 2	Power											
Slot 3	Digital Input											
Slot 4	Digital Input											
Slot 5	Digital Input											
Slot 6	Digital Output											
Slot 7	Digital Output											
Slot 8	Analog Input											
Slot 9	Analog Output											

## Key business outcomes

Unify workflows and strengthen internal alignment across OT, SecOps, IT and business

Simplify internal, regulatory and industry-specific compliance journey

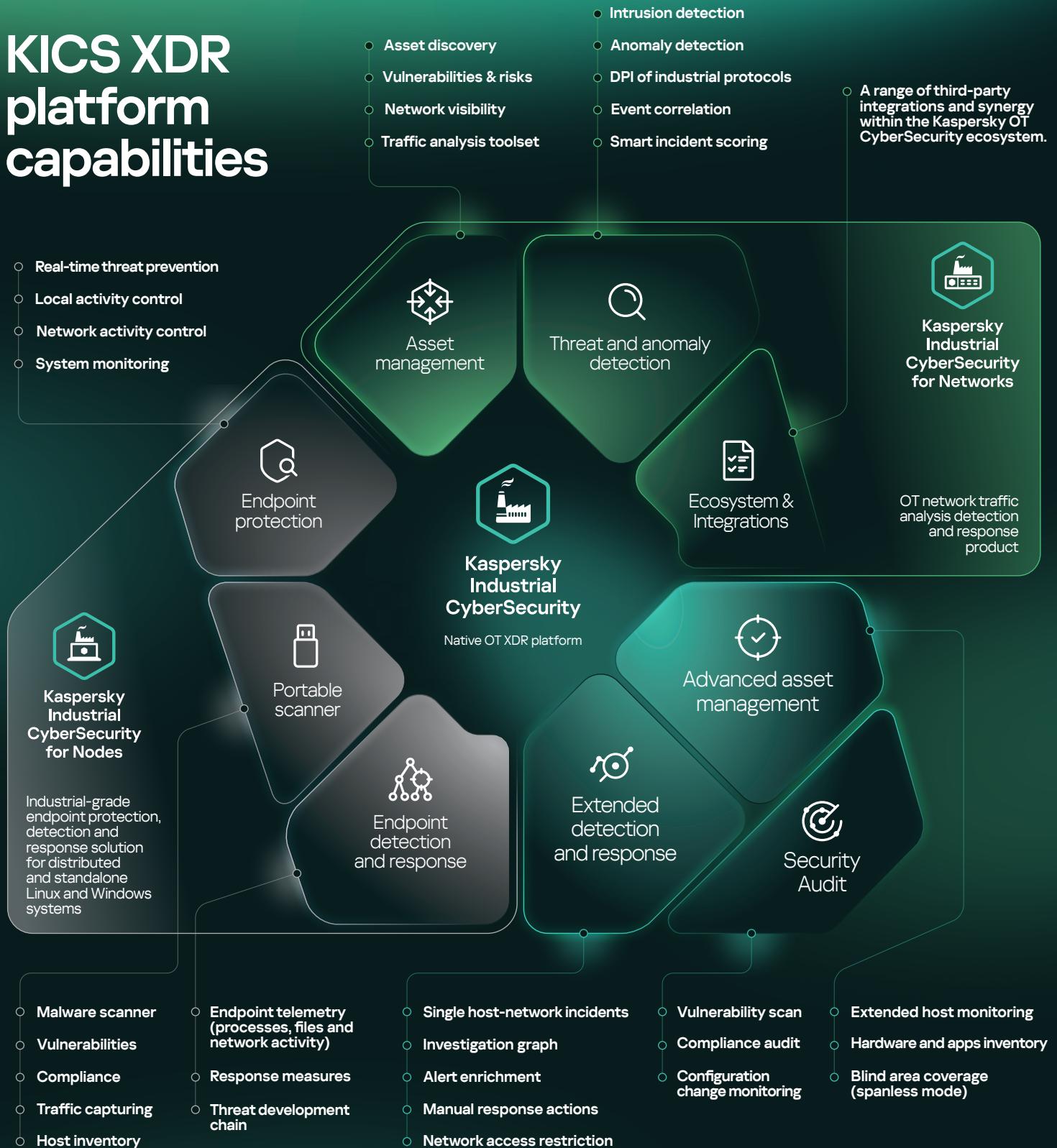
Get ahead in digital transformation and embrace Industry 4.0 innovations securely, without exposing critical processes

Adapt to evolving cyberthreats with a future-proof, scalable solution

Gain the advantages of data sovereignty and transparent ownership costs

Benefit from seamless integration with Kaspersky's best-in-class IT cybersecurity portfolio

# KICS XDR platform capabilities



## Operational benefits

### Low footprint

With modular deployment and tunable resource consumption, KICS does not impact system performance or process continuity, and also prevents software bloat.

### Compatibility

Over 125 versions of Windows and Linux supported and more than 200 IACS systems and devices tested guarantee compatibility with your existing infrastructure.

### Native integration

KICS for Nodes and KICS for Networks seamlessly work together to provide frictionless integration, centralized management and extended cross-product capabilities.

# Solution architecture and use cases

## Advanced asset management with AI profiling

Identify all connected devices and their interactions with asset discovery toolset and ultimate network visibility to take control over shadow infrastructure, leaving no unknown devices in your OT environment.

## Extended detection and response

Detect malicious or unsafe activity and contain threats before they impact process, with detects for 5000+ network attacks, DPI for 50+ industrial protocols and safe response options.

## Continuous security audit

Gain comprehensive security posture awareness across distributed, air-gapped and highly sensitive isolated environments with 3100+ pre-defined audit rules and 1300+ OVAL vulnerability tests.

### 3 Business & enterprise

#### Security operations center

#### Kaspersky Next XDR Expert

### 2 Monitoring & control



#### Kaspersky Industrial CyberSecurity for Nodes

##### Site supervisory control



### 1 Automation & protection

#### Kaspersky Industrial CyberSecurity for Networks

##### Substation automation system



passive monitoring (SPAN)

##### Main process control system



network response

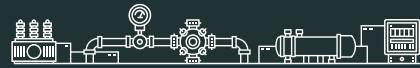
endpoint response

alerts from hosts and network

KICS for Networks passively ingests network traffic from:

- Own network sensors
- SD-WAN collectors
- Endpoint agents
- Portable scanner

### 0 Technological process



## Integration cases



#### Kaspersky Next XDR Expert

Used together, the KICS Platform and Kaspersky Next XDR Expert provide unified IT-OT XDR capabilities and complex protection for converged infrastructures.



#### Kaspersky Machine Learning for Anomaly Detection

Integration with the Machine Learning for Anomaly Detection (MLAD) solution enables KICS for Networks to send telemetry for analysis and receive alerts for detected anomalies.



#### Kaspersky SD-WAN

KICS can leverage the SD-WAN infrastructure to collect industrial traffic, provide centralized monitoring and protect distributed industrial objects and systems.



#### Kaspersky Industrial CyberSecurity