



Kaspersky Industrial Cybersecurity Business Evolution

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Industrial Cybersecurity Market Trends



Connected everything

Implementing connected systems & devices is a **top priority** for industrial organizations in 2018/19



Market is there and growing

Hundreds of millions were invested in Industrial Cybersecurity Solutions in 2017/2018

Global ICS Cybersecurity Market estimated at **\$ 1,8 billion**

The Gap Between IT and OT Cybersecurity

Industrial organizations are investing in security for their IT networks, but they are not putting the right cybersecurity practices in place to protect their operational networks

77%

have implemented response measures in the case of incidents affecting corporate IT

52%

have dedicated response measures in place to deal with OT/ICS cybersecurity incidents

ICS Cybersecurity is Sometimes an Afterthought



Bad experience in the past discourage new approaches to ICS cybersecurity



Understaffing

In the energy sector, **61%** see the main cybersecurity management challenge as hiring employees with the relevant skills.



Underfunding

Although in **53%** of industrial companies, top management personnel are involved in ICS protection issues, **66%** do not have a dedicated budget for securing critical infrastructure.

How We Help



Kaspersky® Industrial CyberSecurity

SERVICES

PRODUCTS

Training
and Awareness

Expert Services
and Intelligence

Industrial
Endpoint Protection

Industrial
Anomaly and
Breach Detection

Centralized Security
Management



Kaspersky®
Security
Awareness



Kaspersky®
Security
Trainings



Kaspersky®
Security
Assessment



Kaspersky®
Incident
Response



Kaspersky®
Threat
Intelligence



**KICS
for Nodes**



**KICS
for Networks**



**Kaspersky®
Security
Center**

KICS Experience 2018

	Energy	Oil&Gas	Metallurgy	Chemistry	Food& Beverage	Manufacturing	Pulp & Paper	Water & Utilities	Total
Completed projects	9	6	8	3	5	5	1	3	40

▶ Europe

▶ Middle East

▶ Africa

▶ Asia Pacific

▶ China

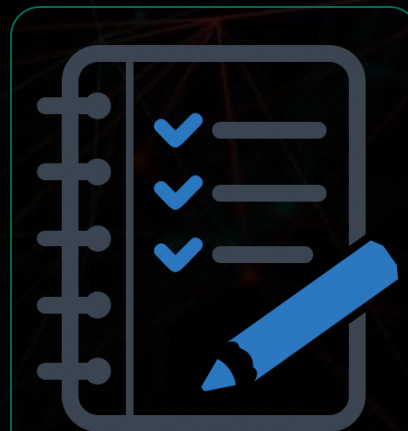
KICS Solution Updates

Industrial
Anomaly and
Breach Detection



KICS for
Networks

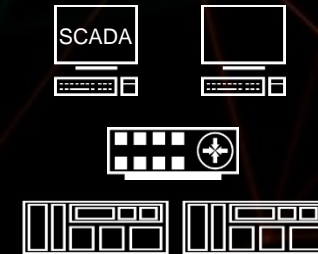
KICS Networks 2017



Event Centric Model

-Event log

KICS Networks 2018-2019



Device
Centric Model
+ Ease of Use

- Event Correlation
- Asset Discovery
- Network Map
- Vulnerabilities Assessment

KICS Solution Updates

2017

Industrial
Anomaly and
Breach Detection



KICS for
Networks

**Industrial Anomaly Detection
via process control rules**

2018

Industrial
Anomaly and
Breach Detection



KICS for
Networks

+

Machine Learning for Anomaly Detection

**Cyber AND Physical impact
detection via ML and Neural
Network**

**Thank you and Welcome to Exhibition
Zone!**

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