SCADAfence - Securing Industrial Networks

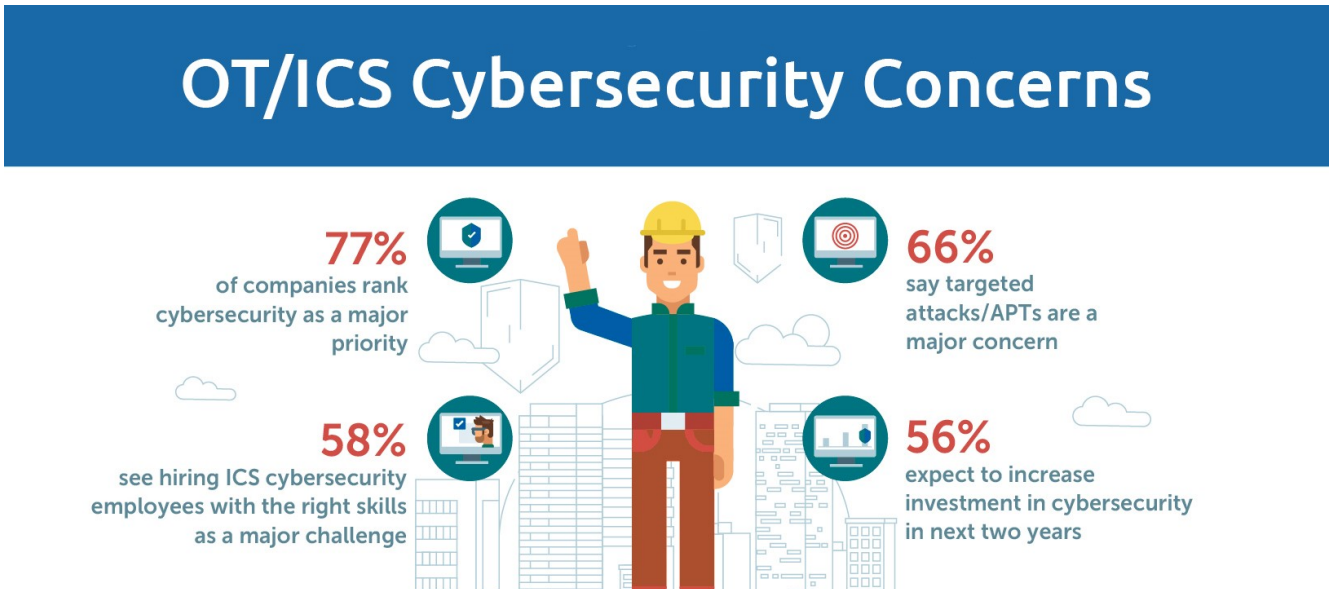
The Business Risks of Industrial Networks

Industrial networks are the foundations of industrial companies, they facilitate communications between conveyor belts, autonomous robots, sensors, boilers and all other elements that form our production industry. The failure of these systems may result in a substantial loss of revenue.

Today, industrial networks still have multiple legacy systems which pose a significant business risk with cyber threats evolving faster than security teams' ability to update those systems.

When we talk about business risk, we are talking about the failure of systems resulting in a company's inability to manufacture goods, to ship products and raise invoices.

Aging IT systems, used within OT networks, as well as legacy PLCs, cause increased security risks compounded by the fact that many of these systems are critical to the business and often cannot be decommissioned or replaced because of high costs, complexity or lack of suitable alternatives.



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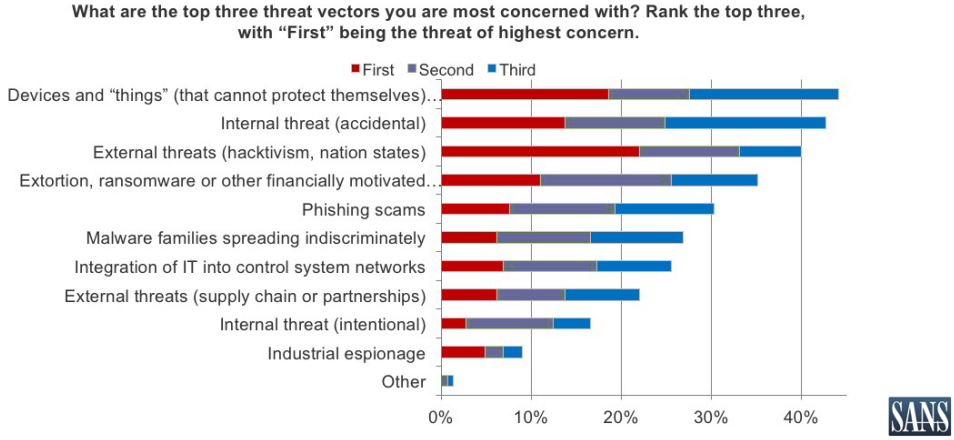
The Magnitude of This Issue

In the last 5 years, over 5,000 organizations got hit by targeted cyber-attacks that crippled their OT networks, halting production to a stop. In addition, the recent widespread cyber-attacks on OT networks primarily used known vulnerabilities of legacy operating systems. Recent examples are the WannaCry and NotPetya cyber-attacks that showed us how huge industrial organizations lost +10.1 Billion dollars, and they were completely avoidable.

Over the years, IT has evolved but OT hasn't changed much. This is mainly due to the fact that OT used to be air gapped. When it was air gapped, using "unpatchable" systems like Windows XP or Windows 2000 wasn't an issue. In addition, OT manufactures, such as Siemens and Mitsubishi, never took security into consideration up until the digital transformation started. However, due to digital transformation, the attack vectors into OT networks are growing exponentially and need to be addressed.

Top OT Security Threat Vectors



Reducing the Risk

SCADAfence genuinely helps organizations reduce their risk of cyber-attacks from day one, by providing full visibility into your OT networks, and monitors them constantly for suspicious behavior with minimal false positives.

The deployment of the platform is very simple. No agents are required, and no professional services are needed. It's plug and play, and the platform integrates seamlessly with your existing cyber security investments. It's as easy as 1...2...3...

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Within a few hours, SCADAfence helped us reduce risk by over 90%" says ***Akira Sugawara, the General Manager of Mitsui Fudosan.***

MITSUI FUDOSAN

By integrating SCADAfence into our environment, we were finally able to add OT visibility and monitoring to our ongoing security operations says ***Halil Aydin, IT Infrastructure and Operations Director of Vestel.***

VESTEL

With SCADAfence, we feel secure while we bring our production environment into the Industrial IoT era" says ***Itzik Baruch, the VP Technical Services of Taro Pharmaceuticals.***

TARO

30%-40% more assets were detected with your platform; SCADAfence has also shown us assets that were not detected with any other OT systems says ***Hirohisa Yamaguchi, EVP & Head of Manufacturing integrations at Fujitsu.***

FUJITSU

I'm 100% confident in the system detection capabilities of SCADAfence" says ***Yaakov Aflalo, the CIO of RAFA.***

Rafa.

Securing Today's OT Networks

SCADAfence is the global technology leader in OT cyber security. We enable organizations with complex OT networks to embrace the benefits of industrial IoT by reducing their cyber risks and by mitigating operational threats. We do this with our non-intrusive platform, which provides full coverage of large-scale networks while offering best-in-class detection accuracy, asset discovery and user experience with minimal false-positives. We deliver the security and visibility to some of the world's most complex OT networks, including the largest manufacturing facility in Europe. We enable organizations in manufacturing, building management and critical infrastructure industries to operate securely, reliably and efficiently as they go through their digital transformation journey.

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