

Industrial Strength Security by Byres Security

IT engineers, security experts, and most of the major equipment vendors such as Honeywell, Yokogawa, ABB and others have advocated Defense in Depth strategies for years. So why are the vast majority of control networks still not protected?

Find out:

The answer is simple: existing security products were designed for the needs of IT personnel and enterprise applications, not for industrial control systems.

24 x 7 operation

Control networks routinely run 24 hours per day, 7 days per week, for months or years at a time. Shutting them down even for a few minutes can have serious cost and safety impacts.

IT-focused security products require that the the network must be shut down for installation, configuration and updates. Tofino can be installed, configured and even updated with no interruption to network traffic .

Harsh operating environments

Products designed for industrial applications must be specially engineered to handle harsh operating conditions, including wide ambient temperature ranges and high levels of electrical and radio-frequency interference.

IT-focused security products are intended for an office environment, and are just not designed to operate in an industrial setting. Tofino was engineered from the ground up to perform in harsh conditions. Some of its advanced features include:

- Class I, Div 2 certification for hazardous environments

- Operating temperature range -40/+70 degrees C

- Dual redundant power supply inputs
- MTBF greater than 27 years

Explicit support for industrial controllers and protocols

Traditional security products have no support for industrial communications protocols. Tofino has pre-configured functionality for immediate productivity:

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Templates for over 25 popular families of industrial controllers and over 50 communication protocols

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Tofino is the world's first network security product to implement content inspection technology for industrial protocols.

Tailored to the needs and capabilities of control system engineers

Ease of use is critical to ensuring real security. The tremendous flexibility required for enterprise applications makes IT-focused security products extremely cumbersome and difficult to use, even for experts.

Tofino is focused specifically on securing industrial networks, with the needs and capabilities of industrial users in mind. It's simple for control engineers to set up their security configuration, using concepts and terminology they already know.

Tofino is the solution

Tofino protects better, it's easier to install, easier to use, and there's no down time!