

Trend Micro Extends Smart Factory Protection with First-of-Its-Kind Industrial IPS Array to Protect Large-Scale Industrial Networks

Advanced network segmentation keeps business-critical threats at bay

DALLAS, Oct. 7, 2020 /PRNewswire/ -- [Trend Micro Incorporated \(TYO: 4704; TSE: 4704\)](#), a global leader in cybersecurity, today announced a first of its kind intent-based industrial intelligent IPS array for industrial environments, designed to protect large-scale industrial networks from critical attacks whilst reducing OPEX and CAPEX.

EdgeIPS Pro, developed by TXOne Networks, has been specially architected to meet the needs of global smart factory owners in industries like automotive and semiconductor manufacturing, who run centrally-managed or highly-automated factories featuring multiple production lines. It is part of Trend Micro's extensive smart factory security suite that covers every layer – from comprehensive perimeters for the cloud, to corporate IT, site manufacturing operation, supervisory control, and control layers.

The IT and OT convergence in smart factories has brought enormous productivity benefits, but it has also increased the cybersecurity risks of malware infection and unauthorized access. This could completely stall production as assets deploy a flat network architecture and are highly connected, which makes them vulnerable to attacks. Manufacturers are required to find the right network security solution including network segmentation which can achieve both business intention of productivity improvement and efficient security operation.

Conventional IT network security solutions are not as adaptable as OT requires, in particular when it comes to industrial network protocol support. Existing industrial network security solutions, on the other hand, struggle with centralized management maintenance, as security appliances need to be deployed and maintained individually for hundreds of assets and networks that exist on a shop floor.

"As we face an ever-changing digital landscape, the successful convergence of IT and OT is now critical to business," said Akihiko Omikawa, executive vice president of IoT security for Trend Micro and chairman of TXOne Networks. "Adding EdgeIPS Pro as an integral part of Trend Micro's Smart Factory Security Solution is a milestone for protecting large-scale industrial networks on the shop floor. The IT-friendly deployment and management allows organizations to continue running operations while keeping serious threats at bay."

EdgeIPS Pro is a transparent intent-based industrial intelligent IPS array built with TXOne's one-pass Deep Packet Inspection (TXODI™) technology, enabling network segmentation capabilities by firewall/IPS/protocol filter capability with deeper and wider industrial network protocol support. There is no need to change network configuration settings of existing assets, further minimizing initial deployment costs. It also enables efficient centralized management for large-scale industrial networks with Gen3 hardware bypass supported 48 or 96 ports and easy-to-deploy IT rack-mount form factor.

"The lack of network segmentation to stop malware propagation is the most common issue in the control network layer and a real challenge for ICS environments as they require deeper and wider industrial network protocol support," said Dr. Terence Liu, General Manager for TXOne Networks. "EdgeIPS Pro allows administrators to organize network segmentation by business intention."

To find out more about Trend Micro's security solutions for the smart factory, please visit:

https://www.trendmicro.com/en_us/business/solutions/iot/smart-factory.html

To find out more about EdgeIPS Pro, please visit: <https://www.txone-networks.com/en-global/products/index/edgeipspro>

About Trend Micro

Trend Micro, a global leader in cybersecurity, helps make the world safe for exchanging digital information. Leveraging over 30 years of security expertise, global threat research, and continuous innovation, Trend Micro enables resilience for businesses, governments, and consumers with connected solutions across cloud workloads, endpoints, email, Industrial IoT, and networks. Our XGen™ security strategy powers our solutions with a cross-generational blend of threat-defense techniques that are optimized for key environments and leverage shared threat intelligence for better, faster protection. With over 6,700 employees in 65 countries, and the world's most advanced global threat research and intelligence, Trend Micro enables organizations to secure their connected world. www.trendmicro.com

About TXOne Networks

TXOne Networks is an Industrial IoT joint venture of Trend Micro Incorporated, a global leader in cybersecurity solutions, and Moxa, a leader in industrial communication and networking. TXOne Networks offers solutions to secure industrial machinery to ensure the safety and reliability of industrial control networks from cyberattacks. <https://www.txone-networks.com>

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