

The innovative Industrial Security platform for the OT environment

With increased networking, attacks on machines and systems in production are growing as well and security of the OT environment is becoming more and more important. The Industrial Security Platform by ADS-TEC Industrial IT offers the ideal solution. At **Hannover Messe**, the company will showcase its industrial firewalls for OT security as well as its innovative remote maintenance solution Big-LinX. Hannover Messe is the world's leading trade fair for the industry and offers visitors groundbreaking technologies for industrial transformation. Visit ADS-TEC Industrial IT from April 22nd to 26th, 2024 at the joint booth "**Industrial Security Circus**" in Hall 16, Booth A12/10.

Optimal production protection with industrial firewalls

The industrial firewalls of the 1000 and 3000 series (image No. 1) offer a comprehensive security solution for networking, control and protection of interconnected machines and systems. They ensure maximum security thanks to the built-in smart card technology, reliably isolate the machine network and enable the implementation of multiple Industry 4.0 applications simultaneously. These devices also serve as IIoT gateways to enable fast and secure data exchange in the cloud and retrieval from there. Each model can be pre-configured according to customer specifications.



Image No. 1: Industrial firewall series from ADS-TEC Industrial IT
Image source: ads-tec Industrial IT GmbH

Secure remote maintenance without compromise

Thanks to Industry 4.0, production processes are more interconnected and digitalised, allowing worldwide remote access to machines and systems via the internet. The danger: cybercriminals can gain access to these machines via the internet. The Big-LinX platform (image No. 2) offers the solution for this. With Big-LinX, secure remote maintenance, condition monitoring and data exchange are possible, reducing production downtime and service travel costs. With the self-developed communication protocol World Wide Heartbeat (WWH), IIoT data is secured in the Big-LinX server, without the need for a VPN connection and the risk of cybercriminals.



Image No. 2: Industrial security platform from ADS-TEC Industrial IT

Image source: ads-tec Industrial IT GmbH

Legal provisions for maximum security

The NIS2 Directive and the Cyber Resilience Act are important legal provisions for strengthening European cyber security. ADS-TEC Industrial IT offers solutions for industrial OT security to meet the requirements of these provisions and strengthen the cyber resilience of machines and systems. From the secure networking of industrial plants to robust hardware solutions, ADS-TEC Industrial IT provides holistic support.

About ads-tec Industrial IT GmbH

ADS-TEC Industrial IT GmbH, headquartered in Nürtingen near Stuttgart, is a wholly owned subsidiary of ADS-TEC Holding GmbH and a family-run technology company that has been developing and producing IT systems for the industrial environment for over 40 years. The product portfolio includes industrial PCs, machine and vehicle terminals & displays, firewalls, routers and custom products for Industry 4.0. The company's own IIoT service platform completes the offering.

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