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SPS IPC Drives 2017: Using demonstrations of its IT products, ADS-TEC shows how Industry 4.0 is already functioning successfully

At SPS IPC Drives in Nuremberg, ADS-TEC will be presenting new functions and the added value of its IT solutions for manufacturing companies from 28-30 November 2017 in hall 7 at booth 360. The connection of machines and systems to a cloud are accepted and called for today. With the expansion of Big-LinX[®] to the IoT service platform, the extension of the X-Remote[®] operating software to include an online variation as well as the functional expansions of the well-proven operating devices, ADS-TEC presents a breadth of advantages for globally networked systems. Industry independent – be it for warehouses and logistics, medical technology, the food and beverage industry or even the entire maritime sector.

Big-LinX[®]

Secure in Industry 4.0: The powerful IoT service platform Big-LinX[®] as modular solution for constantly growing structures

Collect and evaluate data, as well as monitor, analyse and remotely access globally distributed machines and systems – this and much more is offered by the cloud-based Big-LinX system, which is constantly being expanded with new functions and has developed from a pure connectivity platform into the IoT service platform.

With its open interface structure and the large number of operating modes, Big-LinX is designed for customisation and growing with the customer's dynamic structure. Remote maintenance and dashboard-controlled remote service, condition monitoring, device management and future data analysis with the help of predictive maintenance applications are just some of the features that can be individually structured as needed according to the market environment and simply integrated in existing IT systems.

As the operator of an IoT service platform, ADS-TEC stands out, in particular, by being able to offer a special solution for the Chinese market. Officially recognised access to machines and systems stationed in China is thereby ensured.

In combination with ADS-TEC firewalls and routers of the IRF2000 series as well as the X-Remote operating software, which – in addition to the already proven local version – will be presented in an online version for the first time on the trade show, a highly effective modular solution is created for extensive IoT applications. Also included here are all other IT operating devices from ADS-TEC, which can be easily integrated in this modular system: for example, the machine mounted terminals for the hygiene sector, the tried-and-tested vehicle mounted terminals for vehicles and machines in

robust environments, the panel PCs and displays for cabinet installation as well as the mobile industrial tablet computer TabX.

Our complete depth of development and decades of experience in development and production are the basis for flexible alignment with increasingly complex customer needs.

High-calibre IT security technology according to the state of the art supports demanding customers in meeting the due diligence required for networked systems. ADS-TEC supplies professional solutions, 100% made in Germany.

The advantages of the Big-LinX IoT service platform at a glance:

- SmartCard-secured access for maximum IT security
- Data centre and support in Germany
- No hidden backdoors for third parties
- IT-security research and development in Germany
- Adherence to the German data protection law
- Member of TeleTrust – Bundesverband IT-Sicherheit e.V. (German IT security association)
- Extremely straightforward operation, simple retrofitting
- No complex IT integration with the machine

Learn more directly on-site: ADS-TEC IT specialists will provide you with detailed information and will be presenting applications in the areas of teleservice, data monitoring and data analysis.



Industrial VPN router and firewall: The IRF2000 series as security gateway technology to the Big-LinX® cloud services

Everything from a single source for more security in the Internet of Things: Big-LinX in combination with firewalls and routers from ADS-TEC form the ideal combination for a security system of the highest level. The extensive software functions are designed both for use as VPN routers with OpenVPN, IPsec or for SmartCard-secured VPN connection with the Big-LinX® IoT service platform as well as for use as high-speed firewall in industrial manufacturing networks. Through the integration of the OSGi™ technology, it is possible to expand the device with your own Java-based applications and functions. New is the DNV GL certification for the maritime sector. The broad area between ship and harbour, including the supplier and bridge area, can be served with the recently certified firewall of the IRF2000 series, which is already being used successfully by customers.

All operating devices and products from ADS-TEC are constantly being further developed and optimised with respect to the growing demands. Precisely this will be on display in Nuremberg. **Our improved exhibition booth concept will allow visitors to**

ADS-TEC to experience every product live and thereby learn what added values can be generated from the broad spectrum of IT solutions.

ADS-TEC – Technology for Professionals, 100% Made in Germany

ADS-TEC is a medium-sized, family-run business with headquarters in Nürtingen near Stuttgart and a current staff of 240. The company develops and produces high-quality IT systems for industry with long-term availability and scalable lithium-ion battery storage systems including energy management system for the home, industry and infrastructure sectors.

Specially designed for industrial environments, ADS-TEC offers numerous tried-and-tested IT solutions: terminals, industrial panel PCs and tablet PCs, the Big-LinX IoT service platform, firewalls and routers as well as custom products – all developed and manufactured in Germany.

ADS-TEC is Intel® Technology Provider Platinum Partner as well as a member of the Intel® Internet of Things Solutions Alliance.



Contact Public Relations

ads-tec GmbH, Stefanie Lohmüller,
Heinrich-Hertz-Str. 1, D-72622 Nürtingen,
Phone +49 7022 2522-1113, Fax +49 7022 2522-400,
presse@ads-tec.de, www.ads-tec.de

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