



Giesecke+Devrient Strengthens Cyber Security for Industry 4.0

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Giesecke+Devrient

Munich (Germany), April 25, 2017 – At Hannover Messe Industrie, Giesecke+Devrient (G+D) Mobile Security is presenting its complete solution Secure Industrial Visibility (SIV) for the active protection of and remote access to industrial machines. The solution enables a secure connection between two linked end points in order to defend against industrial espionage and cyber attacks. SIV can be used on equipment from any provider or machine manufacturer and secures existing machines (as a retrofit option), as well as new machinery, in Industry 4.0 environments

With industrial digitization and the increasing connectivity of machines, the risk to production environments from the internet is growing rapidly. However, traditional approaches do not offer sufficient protection against cyber attacks: Industrial machines cannot be protected by antivirus software as updates may impact the machine software. Even worse, in some cases the operating systems in industrial machinery are often not sufficiently updated.

Therefore, manufacturers need to achieve comprehensive protection for the interaction between machines, production control systems. Even today, VPN connections are often used in which equipment IP addresses appear online unprotected. However, SIV – a complete solution from G+D – provides a secure “tunnel connection” between the two linked end points with fine granular policy management that is controlled entirely by the customer. The solution only requires the client to operate a standard internet browser, and the IP address cannot be viewed online.

SIV is therefore able to equip a multitude of industrial IT systems as well as machine service and maintenance management systems with high-end security functions, and covers all security aspects including for example certification checks and vulnerability management. As a result, SIV fulfills the strict security requirements for remote maintenance in the industrial environment (BSI CS-108) as stated by the German Federal Office for Information Security (BSI).

“Secure Industrial Visibility guarantees optimum protection for networked machines in Industry 4.0 environments”, commented Ralf Wintergerst, Chairman of the Management Board of Giesecke+Devrient. “G+D has taken a non-supplier-specific approach here, enabling the solution to be used for all machine types. Secure Industrial Visibility is therefore an important component in our growing cyber security portfolio.”

"G+D Mobile Security has unparalleled experience in providing authentication and security solutions for key business processes", stated market analyst Juniper Research in March 2017. "Their Secure Industrial Visibility solution is both innovative and provides a key tool in a sector where securing critical infrastructure will be fundamental moving forward. We named G+D Mobile Security in our new 'Leaderboard of Internet of Things Cybersecurity Vendors' considering both the quality of products and company experience in this space."

For more information about the Secure Industrial Visibility solution and G+D Mobile Security, visit Giesecke+Devrient at booth E38 in hall 7 at Hannover Messe Industrie, from April 24-28.