



Juniper Future Digital Award Goes to Giesecke & Devrient for Its Secure Industrial Visibility Solution

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Giesecke+Devrient

Munich, February 18, 2016 – Giesecke & Devrient has been awarded the “Future Digital Award” by Juniper Research in the category “Best Emerging Disruptive Technology/Platform” for “making a significant contribution to their sector and being poised to make considerable market impact in the future”. Stefan Auerbach, Group Executive Mobile Security at G&D, sees the award as “an excellent acknowledgement for our ongoing efforts to pave the way to Industry 4.0 for our clients. We are proud and honored that this has been awarded with one of the prestigious Juniper Awards. Our Secure Industrial Visibility solution supports industry information technology with high-end security as well as secure machine service and maintenance management for existing and upcoming production infrastructure.”

The Secure Industry Visibility solution consists of several components covering the whole industrial remote management process. The CPS Security Portal is the entry point to all remote services that are hosted on the CPS Secure Cloud for the machine builder, industry customers or other business partners. It delivers the Secure Industry Visibility solution as a service, being deployed from a secure data center and providing all security measures from firewalls to intrusion detection systems. CPS Policy Management allows fine granular rights management for access control. It configures general access policies as well as policies for machine groups and policies for individual machines. CPS Remote is the gateway for system monitoring and preventive maintenance. Real-time responses to support requests, problem analysis and resolutions are possible without a service engineer being on-site. CPS Protect provides security solutions for interactive communication in industrial systems and environments. All of these mechanisms are upstream, which mitigates side effects and unwanted impacts to machines, systems or production processes.

“The Internet of Things and Industry 4.0 are not just passing trends. Connected industry production has come to stay. Security is a key factor for success in the highly competitive global production market. However, the measures and mechanisms used to protect ordinary office PCs will fall way too short when it comes to shielding a production site. Our Secure Industry Visibility solution does not rely on common VPN connections, as many solutions still do. Instead it sets up a tunnel between two end points without the need for specific client software. All our clients need is a web browser on the host side. Beyond that, with CPS the machine gets its own secure ID and an IP address that is not visible on the Internet. That makes it extremely hard to detect and attack. Asset management, remote diagnostics and maintenance, system updates or performance reports and management are now possible in a highly secure, yet extremely convenient way. G&D’s solution helps minimize the total cost of ownership, increases protection levels and protects against new threats – even remote and roaming staff can work safely outside the company network. IT departments gain visibility and control of usage and are able to manage multiple sites via the cloud-based platform” explains Axel Deininger, Head of the Enterprise Security OEM division at G&D.

G&D started to develop remote services in 2011 for its banknote processing systems, which are used in central banks all over the world. In 2015, the solution was commercially launched as a global service for more than 50 customers.

