

Press release

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Significant contribution towards the protection of industrial data communications: infodas launches SDoT Industry Gateway

Cologne. INFODAS GmbH presents the SDoT Industry Gateway, a new IT security product designed for the specific requirements of Critical Infrastructures and other endangered industrial sectors. With the further development of the SDoT product family, which has already proven itself in the defence sector and is certified at the very highest security level, infodas guarantees outstanding and most effective cyber protection for the ever more exposed economic sector. By installing the SDoT Industry Gateway, those responsible in the sector of Critical Infrastructures are consistently protecting themselves against increasing cyberattacks.

With the SDoT Industry Gateway, infodas is forging ahead with its market entry in the Critical Infrastructures. The new SDoT Industry Gateway combines the security level and performance of the military and public sector with the necessary flexibility and straightforward integration into existing industrial environments. The SDoT Industry Gateway enables fully secure and controlled data exchange between operational technology (OT) and information technology (IT). The wide range of possible applications for the high-performance product includes, for example, the European Train Control System (ETCS), where it will contribute to securing digital communication on train routes in the near future. This means that, in rail transport, internal and external sources such as SCADA (Supervisory Control and Data Acquisition) systems, signal boxes, sensors and trains can exchange data securely between domains with different safety classification levels, even if bidirectional protocols are used. In the vulnerable healthcare and public safety sector, connected emergency services also benefit from highly secure data communication by using the SDoT Industry Gateway. Also, for the maritime industry, with its IACS cybersecurity requirements UR E26 and UR E27, the infodas product represents a powerful solution as it is based on an enhancement of the architecture of the infodas SDoT Data Diode, which is certified by Bureau Veritas.

Conventional security measures based solely on general IT solutions such as firewalls are no longer sufficient. Managers in Critical Infrastructures and endangered production plants are increasingly exposed to the threat of cyber criminals and are forced to take the appropriate security precautions. By implementing the SDoT Industry Gateway, decision-makers ensure permanent access to business-critical data in near real-time without affecting business continuity. infodas offers a highly powerful product to mitigate the threat of potential cyberattacks and ensures a high profitability with an attractive, turnkey and subscription-based model. By using the SDoT Industry Gateway, infodas supports the fulfilment of industry-specific regulatory requirements such as IEC 62443, NIST and Common Criteria as well as other standards.



"The threats to CRITIS operators are more serious than ever before, and attacks by cyber criminals are increasing rapidly. We highly recommend that companies intensively examine the relevant protective measures and secure their often outdated systems. With the SDoT Industry Gateway, we are offering a further development of our product family, which has been used in the defence sector with great success for many years. In the area of Critical Infrastructures and industrial sectors, however, specific requirements need to be fulfilled. We are therefore very proud to provide more effective protection with our new product in order to respond adequately to the growing threat caused by cyberattacks. The key advantage is that companies can use the security gateway to realise a completely secure and controlled data exchange between different security domains," says Theo Hekhorn, Technical Presales Engineer at INFODAS GmbH.



A detailed product presentation can be found here:

https://www.infodas.com/en/products/sdot_cross_domain_solutions/sdot-industry-gateway/

About infodas

INFODAS GmbH was founded in 1974 and is one of the leading solution providers for cyber and information security in Germany. The medium-sized system house supports and advises companies, public authorities and the military with services in the design and implementation of comprehensive approaches to cyber and information security and the protection of IT infrastructures. The company also develops high-security products for Cross Domain Solutions and the protection of Critical Infrastructures. The infodas SDoT product family is approved for the classification levels GEHEIM, EU SECRET and NATO



SECRET. The products are also certified in accordance with Common Criteria and have other country-specific certificates. Alongside its headquarters in Cologne, the company also has offices in Berlin, Bonn, Hamburg, Munich and Mainz.

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