

## Press Release

DEKRA experts recommend security assessments

### Identifying Cyber Risks in the Process Industry

**Industrial Control Systems (ICS) are prone to cyber-attacks, warn DEKRA experts. Cyber defense measures usually focus on computers, IT networks and data highway, Process control and ICS is often a little-noticed gateway for attacks. If these control systems are not secure, the process industry in particular could face huge losses. So DEKRA experts advise systematic security assessments using IEC62443 standards for Cyber safety in process control (ICS).**

Cyber-attacks on ICS can result in accidents the consequences of which extend far beyond financial losses. Aside from direct health hazards for staff and local residents, there is also the risk of long-term damage to the environment.

To prevent attacks via industrial control systems, the plant operator should systematically assess the situation, advises DEKRA: Have all the weak spots been identified? Are the biggest consequences of accidents common knowledge? Are there security features in place that can prevent external access? Are there security barriers in place that function independently? Is the EHS business area well-equipped?

The DEKRA CyberSafePS solution has been designed to identify cyber security risk to a process plant. Based on an analysis of the major accident hazards, the assessment evaluates the protective measures and barriers in place – the objective being to achieve cyber security via a series of systems and barriers that function independently of each other. DEKRA CyberSafePS is implemented by industry experts from DEKRA UK.

[www.dekra-uk.co.uk/en/organisational-safety-and-reliability](http://www.dekra-uk.co.uk/en/organisational-safety-and-reliability)

#### **About DEKRA**

*DEKRA has been active in the field of safety for more than 90 years. Founded in 1925 in Berlin as Deutscher Kraftfahrzeug-Überwachungs-Verein e.V., it is today one of the world's leading expert organizations. DEKRA SE is a subsidiary of DEKRA e.V. and manages the Group's operating business. In 2019, DEKRA generated sales totaling 3.4 billion euros. The company currently employs almost 44,000 people in approximately 60 countries on all*

DEKRA e.V.  
Corporate  
Communications  
Handwerkstrasse 15  
70565 Stuttgart,  
Germany

[www.dekra.de/de/newsroom](http://www.dekra.de/de/newsroom)

Date Stuttgart, September 27, 2020 / No. 087  
Contact Tilman Vögele-Ebering  
Tel. (direct) +49 711 7861-2122  
Fax (direct) +49 711 7861-742122  
E-mail [tilman.voegel-ebering@dekra.com](mailto:tilman.voegel-ebering@dekra.com)

*six continents. With qualified and independent expert services, they work for safety on the road, at work and at home. These services range from vehicle inspection and expert appraisals to claims services, industrial and building inspections, safety consultancy, testing and certification of products and systems, as well as training courses and temporary work. The vision for the company's 100th birthday in 2025 is that DEKRA will be the global partner for a safe world.*