



Certification According Cyber Security Standards (IEC 62443)

www.tuv.com/FSCS

 **TÜVRheinland**[®]
Precisely Right.



BASIC FACTS

Industry	Process / Chemical Industry
Client	Provider of smart automation solutions for functional safety
Time frame	2019
Project Location	Germany / World-wide
Goal and Challenges	<ul style="list-style-type: none"> ▪ Definition of processes and procedures that have to be implemented and applied in product development in order to meet security aspects and requirements of standard IEC 62443-4-1. ▪ All processes and procedures are defined in one SDL (Security Development Lifecycle) and have to be applied consistently by the customer.
Result	<ul style="list-style-type: none"> ▪ Certified Security Development Lifecycle (SDL) for customer's HQ location ▪ Every FS product is developed to an internationally recognized security standard. ▪ Issue of TÜV Rheinland certificate.

ABOUT TÜV RHEINLAND

As a testing services company with nearly 145 years of technological experience, we are aware that the next wave of automation will have an enormous impact on all technical areas and developments in your company. We won't leave you alone in this situation. With a unique approach we help you to protect your systems comprehensively, proactively and permanently.

In a one-stop-shopping concept, we are the only testing service provider to offer product manufacturers, system integrators and operators a comprehensive FS&CS solution package of integrated, future-oriented services that includes testing, inspection, certification, ongoing training and intensive consulting. In the course of this we examine all areas of functional safety and cybersecurity of your entire product or system life cycle, from specification to design to operation. We implement system applications and train and educate your personnel in all safety-relevant

aspects. We rethink security in a completely new way and consider even the smallest detail of your situation and perspective. This way we minimize your risks and ensure greater profitability and sustainability. With our wellfounded expert knowledge in all areas of industrial technology, the digital age and cybersecurity, we always offer you exactly the right solution for your specific requirements. You benefit above all from our international network of accredited, recognized IT specialists, who view and test the entire topic of "digital security" from a hacker's point of view.

CERTIFICATION AND TEST MARK

Upon successful testing and certification, the customer receives a certificate and the right to use the test mark for a specified limited time.

With our test mark, you show the realization and fulfillment to normative requirements.



TÜV Rheinland Group
 Industrial Services
 Am Grauen Stein
 51105 Cologne
 Germany
 industrial-services@tuv.com
 www.tuv.com

 **TÜVRheinland®**
 Precisely Right.