



Cyber Security

Information is highly valuable for companies, authorities and private persons and must therefore be reasonably protected. Handling this information in a trustworthy manner and protecting it are the fundamental goals of information security.

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VDE

Cyber security

The expansion of digitization and the accompanying progress of intelligent networking in one's own home as well as in industry have seen an increased risk in data theft and manipulation. Many cases show how easy it can be for hackers to penetrate smart homes and management systems.

We protect your **smart home** products from cyber attacks by using ultra-modern technology and we test the following:

- Devices (communication devices and gateways)
- Backend and cloud systems
- Apps for smartphones and tablets
- Security software (for a secure electronic identity for authentication purposes)

During these processes, the security goals for cyber security in the product, system design and in the implementation undergo testing. User documentation and the technical aspects of privacy are part of the testing.

In the **industrial field** of office IT and operations OT, we test the interfaces between machines, management, office systems and to the internet.

While doing so, it is irrelevant if the network is only operated inside a factory or if external communications partners such as branch offices are connected to this network over the internet.

Testing also includes assessing the risk analysis related to information security as per IEC 62443.

Please visit us online for more information



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