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Information security requirements and their impact on physical security

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In July 2015, Germany passed a law obliging network operators to implement information security requirements in a certified manner. According to this law, all network operators are obliged to certify secure network operation from the perspective of information security. The certification is based on the requirements of ISO/IEC 27001 and applies further standards for the establishment of technical measures. Germany is one of the first countries in Europe to legally stipulate such requirements for critical infrastructures and to provide evidence of the requirement for certification to an international standard.

In order to meet these requirements, a large number of measures are necessary. These measures also have an impact on the physical security mechanisms of control centers and facility sites. For the selection of measures to fulfil this requirement, there are norms and standards which describe a characteristic of the physical security of control centres and facility sites, such as the technical guideline “TR 27019 Information security management guideline for process control systems specific to the energy utility industry”.

This presentation explains the requirements and illustrate their implementation with examples of how such standards and legal requirements can be fulfilled while remaining practicable.

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Our clients are small to large scale companies within the power industry and disposal business. We support them in all technical, operational and organisational aspects of their work. Our employees are highly-qualified and have sound practical experience. Most of them have been working with us for many years.

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