# IACS cybersecurity and its certification

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Tamás Szádeczky is an IRCA ISMS principal auditor and GICSP. He graduated as an electric engineer and he has been working in the field of information security audit and consultation since 2003. He is also a lecturer and researcher of the topic for more than a decade in multiple universities in three countries. He also deals with cybersecurity research at NATO SPS Independent Scientific Evaluation Group.

Digitalization is reaching all areas of business, it is only a matter of time when process automation will be fully exposed to cybersecurity attacks.

The presentation analyses the potential security challenges of industrial automation and control systems and, on the other hand, shows the protential answers from the standardization and the regulation: IEC 62443 series of standards and the EU Cybersecurity Act and the IACS Components Cybersecurity Certification Scheme (ICCS).

The presentation also shows the approach of the standard, the certification possibilities and some main requirements of the IEC 62443-4-1, alongside with the requirements of the certification body.

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PCS

Process Control Systems Meeting