ICS SCADA Security Testing and Certification

There are many vectors through which cybersecurity attacks can be devised targeting Industrial Control Systems (ICS), each of them resulting in possible critical threats and impacts. A successful way to significantly reduce and control these risks is by aligning the whole life cycle of a system to state-of-the-art standards. Bureau Veritas Cybersecurity is actively involved in the domain of ICS SCADA security, and up to date with the developments concerning standards, regulations and certifications.

In our everyday infrastructure, smart and connected ICS SCADA components and systems play an important role.

These products can be found in most of the production lines, oil and gas centers, nuclear plants, traffic and water management and much more. Traditionally, ICS components and systems were designed to last as much as possible in a rough operating environment. Due to the increasing connectivity options, and also in light of numerous cybersecurity attacks which took place recently, the focus on security aspects related to these products is highly increasing. This is triggered also by the fact that a successful attack on such products can lead to very high impacts on the critical infrastructure of a country.

Testing and Certification for ICS Devices

Testing and support		Certification	
IEC 62443	**Security assessment based on internationally recognized standard.** Base for further certification against IEC 62443	**IEC 62443 certification**	Internationally recognized security certification scheme, **specifically focused on ICS components and systems.**
	State of the art EU regulation focused on industrial systems. Have your products and systems NIS2-ready.	**Common Criteria Certification**	Internationally recognized security certification scheme, **covering all types of IT products.**

Which Service Do You Need?

I'm interested in **security testing** and support for my products

- **Base for certification** → **IEC 62443 testing and assessment**
- **EU regulation compliance** → **NIS2 assessment**

I'm interested in **security certification** for my product/process

- **ICS specific** → **IEC 62443 certification**
- **Internationally recognized** → **Common Criteria certification**

Testing and Support Services

IEC 62443 testing and compliance

- Assessment based on validation of technical controls on the product itself, or maturity of the development processes
- Resulting in a base set of evidence for future IEC 62443 certification

NIS2 assessment

- Tailored assessment in line with the requirement of the NIS2 regulation, for your products, systems and processes

Certification Services

IEC 62443 certification

- Internationally recognized certification scheme, based on IEC 62443 standard.
- Scope of certification specifically relevant for ICS components, systems, development processes and integration practices.

Common Criteria certification

- International certification scheme, offering significant visibility and market recognition.
- Recognition of certificates under EU, USA, Australia, UK, Asia, etc.
- Various levels of certification possible.

Why choose Bureau Veritas

Bureau Veritas Cybersecurity is your expert partner in cybersecurity. We help organizations identify risks, strengthen defenses and comply with cybersecurity standards and regulations. Our services cover people, processes and technology, ranging from awareness training and social engineering to security advice, compliance and penetration testing.

We operate across IT, OT and IoT environments, supporting both digital systems and connected products. With over 300 cybersecurity professionals worldwide, we combine deep technical expertise with a global presence. Bureau Veritas Cybersecurity is part of the Bureau Veritas Group, a global leader in testing, inspection and certification.

Would you like to know more about security testing and/or certifying your ICS product or process?

Contact us today to discuss our services in more detail and find out which service fits your product best.

Interested?

Contact us today:

cybersecurity@bureauveritas.com

cybersecurity.bureauveritas.com