Securing machinery: new EU regulation

The new EU Machinery Regulation sets out safety and security requirements for machinery placed on the market within the EU. It also includes cybersecurity requirements. We can help you comply with this new regulation. Our services use the IEC 62443 standards as a guideline.

These Machinery Regulation Services give you:

Smaller chance of disaster

Machines are becoming more connected. These services reduce the chance of a high impact incident.

Full compliance

Within the Bureau Veritas we can help you reach compliance both for safety and cybersecurity.

A global partner

You benefit from our global presence. Our international team can deliver in your own language.

Why is cybersecurity for machinery important?

The EU **Machinery Regulation** will replace the existing Machinery Directive from 2027. It aims to ensure a high level of protection for workers and consumers, by addressing risks associated with machinery use. A big advantage of the new Machinery Regulation is that manufacturers will not need to wait for each country's transposition in national law. This means a smaller administrative burden and smaller costs for manufacturers than under the existing directive.

How to begin compliance with the Machinery Regulation? The best starting point is to use the technical specification IEC/TS 63074:2023 as guidance. It focuses on the safety and security of machinery. This document is part of the broader IEC 62443 series, which addresses industrial and automation system security. Our experts have extensive knowledge of these standards. Let us help you with reach full Machinery Regulation compliance.

Machinery Regulation Cybersecurity services:

Training	Gap Assessment	Consultancy for Addressing Gaps	Conformation Assessments / Certification Support

Machinery Regulation Cybersecurity Training

The Machinery Regulation introduces high level cybersecurity requirements related to cybersecurity. To make those requirements more tangible we link them to the guidance provided in IEC 62443 series of standards. You can expect tailored trainings, combining theoretical knowledge and practical advice, with exercises and cases studies.

Gain deep insight into the workings of the IEC 62443 standards and make sure your staff has the knowledge and skills they need to reach compliance with the EU Machinery Regulation.

Save weeks of research: our experts have extensive experience in the IEC 62443 standards and are happy to share their knowledge.

Receive a training tailored to your needs: our trainers take your company into account when preparing this training, so it answers the questions you have.

2. Machinery Regulation Cybersecurity Gap Assessment

To reach compliance with the Machinery Regulation, you need to know how your existing controls or processes relate to the regulation. To help you gain this insight, we can conduct a Gap Assessment, again using IEC 62443-3-3 and IEC/TS 63074 as guidance.

How a Gap Assessment works

1	Our experts obtain knowledge of your existing controls and documentation relating to IEC 62443-3-3 and IEC/TS 63074.
2	Based on thorough documentation review and interviews with your specialists, we confirm your maturity and identify potential gaps.
3	You receive a report of the findings. It also details recommendations, so that you can take the necessary steps to reach compliance.

3. Consultancy for Addressing Gaps

Based on the results of the Gap Assessment you can expect different consultancy services to help you bridge any gaps in terms of cybersecurity that were found.

Creating a roadmap

We can help you create a clear roadmap that details specific actions and timelines to close identified security and compliance gaps. This gives you a strategic plan to strengthen your machinery security and to reach compliance.

Threat and Risk Assessments

Threat and Risk Assessments for your machinery can help you identify realistic cybersecurity attack scenarios. We can also give you recommendations on how those attacks can be prevented. This is an essential part of tailoring requirements and using a risk based approach to secure machinery.

Vulnerability Assessments and Penetration Testing

Testing is essential to ensure that your machinery is secure. We have broad expertise in offensive security and can support you with Vulnerability Assessments and Penetration Testing. If we already know which threat scenarios to take into account, we can test your machinery efficiently.

4. Conformity Assessments / Certification support

Within the Bureau Veritas Group we can provide you with Conformity Assessments for machinery users, or with Certification based on Machinery Regulation for machinery manufacturers. Bureau Veritas is a Notified Body for the current Machinery Directive, this will be further extended to cover Machinery Regulation.

What our clients say

"Good to get an early start"

"The IEC 62443 training and Gap Assessment gave us valuable insights into what we still need to do to in the coming years. This early start on compliance made the whole process smoother and more manageable."

Related Services

IEC 62443 Services

Do you need specific help in reaching compliance in one of the IEC 62443 standards? Our experts can help you reach compliance, from training to assessments and implementation support.

Threat Modeling

Do you want insight into the specific threats to your organization? We can help you with a comprehensive Threat Modeling service. Our experts and your join forces to map all relevant threats and find ways to migitate them.

SAFE Awareness and Behavior Program

Your machinery might be secure, but what about your staff? Do they know what to do in case of a cyber incident? The SAFE Awareness Program helps employees recognize suspicious activity and act accordingly, lowering your risk.

About Secura / Bureau Veritas

Secura is a leading cybersecurity company. We help customers all over Europe to raise their cyber resilience. Our customers range from government and healthcare to finance and industry. We offer technical services, such as vulnerability assessments, penetration testing and red teaming, but also audits, forensic services and awareness training.

Secura is a Bureau Veritas company. Bureau Veritas (BV) is a publicly listed company specialized in inspection and certification. BV was founded in 1828, has over 80.000 employees and is active in 140 countries.

EU Machinery Regulation in short

What is it?
The EU Machinery Regulation updates safety and compliance requirements for machines. It addresses modern challenges like cybersecurity and AI.

Who does it apply to?
It applies to manufacturers, distributors, and operators of machinery in the EU. This includes both new and used machinery.

When does it come into force?
Adopted in May 2023, the regulation becomes mandatory after a 42-month transitional period, by late 2026.

What is the impact?
The regulation focuses on safety and security, requiring conformity assessments for high-risk machinery. This impacts design, construction, and operation.

Interested?

Contact us today to start raising your cyber resilience.

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