

Elmo Motion Control's Secure Software Development Program

ELMO Achieves IEC 62443-4-1 ML2 Certification and EU Cyber Resilience Act Readiness

Executive Summary

Elmo Motion Control has a comprehensive secure software development program spanning the full lifecycle of its products, from initial design through long-term maintenance. Two recent milestones reflect this ongoing commitment: Independent IEC 62443-4-1 Maturity Level 2 (ML2) certification of ELMO's Secure Product Development Lifecycle (SPDL), and ELMO's alignment with the cybersecurity and reporting requirements of the EU Cyber Resilience Act (CRA). Together, these achievements give customers independently verified assurance that security is built into Elmo products from the ground up and sustained throughout their operational life.



Our Secure Product Development Approach

Across every product line, Elmo Motion Control follows a structured secure development approach that builds security into every phase of the lifecycle, from start to end and beyond. This program forms the foundation for the two new security commitments Elmo has achieved. Core elements include:

- Threat modeling and secure design review: Every product undergoes structured threat modeling, identifying potential attack surfaces and security requirement, with formal design reviews serving as a gate during development.
- Secure coding standards and peer review gates: Development teams follow documented secure coding guidelines, and all code changes pass through mandatory peer review with security-focused checklists before merging, reducing the likelihood that common vulnerability classes reach production.
- Independent security testing: Products undergo attacker-oriented assessments, and third-party penetration testing prior to release, providing multiple independent layers of verification beyond what internal development teams alone can catch.
- Vulnerability and patch management: A formal, documented process governs how vulnerabilities are triaged, tracked, remediated, and disclosed, ensuring customers receive timely, well-communicated fixes throughout the product lifecycle rather than ad hoc responses.

These practices are documented in written procedures, carried out by trained and qualified personnel, and applied consistently across engineering teams and are the basis for both Elmo's ML2 certification and its CRA alignment.

IEC 62443-4-1 ML2 Certification

IEC 62443-4-1 is an internationally recognized standard addressing cybersecurity for industrial automation and control systems (IACS). It evaluates the process a vendor uses to develop products securely and defines maturity levels describing how consistently that process is applied. Maturity Level 2 ("Managed") requires a vendor to demonstrate that its secure development practices are documented, carried out by trained personnel, and repeatable across projects, with independently verified evidence that the process is being followed.

Elmo Motion Control's ML2 certification, awarded by TÜV SÜD, covers its Secure Product Development Lifecycle and the processes used to design, develop, verify, validate, release, and maintain its products. The assessment was conducted by an independent, accredited certification body through document review and expert-led identification of realistic attack scenarios, helping Elmo identify and strengthen areas of its development process.

EU Cyber Resilience Act (CRA) Readiness

The EU Cyber Resilience Act establishes mandatory cybersecurity standards and vulnerability-tracking requirements for digital products sold in the EU market. CRA protects users by enforcing security obligations across a product's entire lifecycle and holding manufacturers accountable for post-market updates. As of September 11, 2026, the CRA's mandatory reporting requirement for actively exploited vulnerabilities and severe incidents is in effect, with defined workflows and timelines for how such reports must be handled.

Already supporting this obligation is Elmo Motion Control's existing vulnerability management and incident-handling processes, the same processes underpinning its ML2 certification. Elmo continues to track the CRA's remaining implementation milestones as part of its broader compliance roadmap, extending its secure development program to meet the full scope of the regulation over time.

What This Means for Customers

For customers, Elmo's secure development program means reduced risk and greater confidence. It provides independently verified assurance that security considerations are addressed early and consistently in the development process. It also reflects a mature, transparent approach to vulnerability disclosure and patch delivery, and it helps customers meet their own compliance obligations under frameworks such as CRA, NIS2, and other emerging OT and critical infrastructure security regulations that increasingly expect vendors to demonstrate a secure development lifecycle.

Conclusion and Next Steps

IEC 62443-4-1 ML2 certification and EU Cyber Resilience Act readiness are two milestones within Elmo Motion Control's broader, ongoing commitment to secure software development and secure products. Elmo continues to on expanding our certification scope, pursue higher maturity levels, and align with upcoming CRA requirements as they take effect. To learn more about our secure development practices or request supporting documentation, please contact our security team.

CERTIFICADO

인증서

CERTIFICATO

認証

CERTIFICATE

认证证书

ZERTIFIKAT



CERTIFICATE

CERTIFICATO

Number: TUV IT 26 CYB A 036 rev. 00
Numero:

Holder of the certificate: Elmo Motion Control Ltd.
Titolare del certificato: 60 Amal St. P.O. Box 3078
Petach-Tikva 4951360
Israel

Site(s): As above
Sede/i:

Scope of certificate: Secure Product Development Lifecycle (SPDL)
Oggetto della certificazione:

Applied standard: IEC 62443-4-1:2018
Norma applicata:

Parameters: ML2
Parametri:

Certification Mark:
Marchio di certificazione:



Technical Report: EP107432T
Rapporto tecnico:

We herewith certify that the scope of certificate meets the requirements of the applied standard

Si certifica che l'oggetto della certificazione soddisfa i requisiti della norma applicata.

Date of 1st issue: 2026-08-05

Data 1^a emissione:

Issue date: 2026-08-05

Data emissione:

Expiry date: 2029-08-04

Data scadenza:



00077 PRD
Membro degli Accordi di Mutua Riconoscenza
EA, IAF e ILAC
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Recognition Agreements



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