

Alstom and Airbus mark successful partnership in Cybersecurity at InnoTrans 2024

25 September 2024 – Alstom, a global leader in sustainable mobility and the only digital solutions provider specifically tailored for the rail industry, and Airbus Protect, an Airbus subsidiary bringing together expertise in cybersecurity, safety and sustainability-related services, are proud to announce significant progress on rail transport cybersecurity.

In the frame of a worldwide cooperation agreement signed in September 2021, the partners have successfully developed and field-tested a comprehensive Risk Assessment Methodology for Industrial Security for the rail sector.

Eddy Thesee, Vice President of Digital & Cybersecurity at Alstom, emphasised the importance of this partnership in light of increasing global cyber threats: *“In the context of rising cyber risks across all sectors, Alstom is committed to safeguarding rail assets of our customers. Our collaboration with Airbus Protect will ensure the continued success of green mobility worldwide.”*

Julien Touzeau, Head of Cyber Consulting at Airbus Protect, added, *“Innovating and collaborating across industries is part of the Airbus Protect DNA. As specialists in the cybersecurity of industrial systems and mobility solutions, we are proud to be working closely with Alstom, bringing our experience in the aeronautical sector to enhance the security of information systems in the rail sector.”*

Following the successful pilot phase, the new Risk Assessment Methodology will be deployed on Alstom projects which are integrated into Fence, Airbus Protect’s risk assessment tool. Fence provides Alstom with a centralised risk database, enabling the reuse of assessments from project to project, as well as managing knowledge bases and permissions.

This unified methodology enables Alstom to effectively address customer requests related to the EBIOS RM risk management framework, IEC 62443 international standards, and CLC/TS 50701 technical specification, thereby streamlining risk assessments across the organisation.

Alstom is actively implementing cybersecurity measures in railway projects across the globe, covering all market segments. This comprehensive cybersecurity approach ensures the safeguarding of solutions and systems not only for new projects but also for the existing installed base.

Through digitalization, Alstom is developing sustainable, energy-efficient, and cost-effective transport solutions that reduce operational costs and significantly improve capacity. Today Alstom offers a comprehensive suite of attractive, efficient, and reliable digital solutions across the entire digital value chain, solidifying its position as a leader in the sector.

The partners will formally present these achievements and share insights at InnoTrans 2024: **11 am, 25th September, Alstom booth Hall 3.2**

EBIOS RM - Structured approach for assessing and managing security risks, integral to the French government's security strategy.

IEC 62443 – Series of standards that define requirements and processes for implementing and maintaining electronically secure industrial automation and control systems (IACS).

CLC/TS 50701 - Technical Specification introducing requirements and recommendations to address cyber security within the railway sector. TS 50701 has been offered to the IEC to become an international standard and is currently being developed as IEC 63452.

[Towards the first railway cybersecurity international standard - why standards are important for secure railways | Alstom Cybersecurity: for safe & secure mobility | Alstom](#)

About Alstom

Alstom commits to contribute to a low carbon future by developing and promoting innovative and sustainable transportation solutions that people enjoy riding. From high-speed trains, metros, monorails, trams, to turnkey systems, services, infrastructure, signalling and digital mobility, Alstom offers its diverse customers the broadest portfolio in the industry. With its presence in 64 countries and a talent base of over 84,700 people from 184 nationalities, the company focuses its design, innovation, and project management skills to where mobility solutions are needed most. Listed in France, Alstom generated revenues of €17.6 billion for the fiscal year ending on 31 March 2024.

For more information, please visit www.alstom.com.

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About Airbus Protect

Airbus Protect is an Airbus subsidiary specialised in risk management in the fields of cybersecurity, safety, and sustainability.

With more than 1600 skilled professionals, the unit provides top-tier advisory and solutions to strengthen incident prevention, regulatory compliance and business resilience at every level, from design and production to maintenance and operations. It aims at protecting both the infrastructure and end products of internal and external customers, including other major industries and public institutions.

For more information, please visit www.protect.airbus.com

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