ACTIA wins its first rail contract in the United States alongside Alstom

ACTIA has reached a key milestone by winning its first rail contract in the United States alongside Alstom. In a demanding regulatory environment, the Group has successfully established a local industrial organization enabling equipment production on U.S. territory, a critical condition for the project's implementation (Buy America Act compliance).

ACTIA will equip a new generation of trains for the North American market as part of a major modernization program led by NJ TRANSIT, one of the largest public transportation operators in the United States. Covering several hundred rail cars, this program aims to deploy a new generation of trains while significantly improving network capacity, reliability, and service quality.

Deployed notably in New Jersey, the project takes place in the context of rapidly increasing mobility demand. In this context, public transport authorities are accelerating investments to enhance network performance, increase capacity, and deliver a more seamless passenger experience.

Adapting systems to meet program requirements

At the core of the program, ACTIA is deploying onboard passenger information systems, complemented by video surveillance solutions, helping improve service reliability and facilitate operations for trains operated by NJ TRANSIT.

The solutions delivered enable:

- more precise and segmented onboard audio and visual information
- clear, reliable, real-time passenger information
- simplified operations and maintenance for operators

The project's complexity also required adapting and developing systems to the specific constraints of the rail program, including U.S. standards and existing technical requirements. Particular attention was given to ensuring seamless integration with the existing onboard environment and operational practices.

Building on proven technology platforms, ACTIA tailored its solutions to meet the specific expectations of the program in terms of performance, integration, and operational efficiency. This included enhancements in system architecture, equipment design, and software functionalities to ensure optimal operation within the constraints of the project.

The approach focused on delivering highly configurable and scalable systems, capable of supporting complex onboard configurations while maintaining ease of maintenance and long-term reliability.

“We had to deal with strong technical constraints, particularly related to existing configurations. This led us to significantly adapt our solutions within a highly complex environment.”
Octavio José Ramos Sandrome, ACTIA Project Manager

ACTIA Group synergy fully mobilized in North America

This project highlights ACTIA Group’s ability to orchestrate international cooperation to meet the industrial and regulatory requirements of the North American market.

The Group deployed an integrated industrial organization between Europe and North America, covering the entire value chain: system design and development in Spain, followed by industrial transfer to the United States.

This organization relies on close collaboration between ACTIA Electronics, with its Romulus (Michigan) facility responsible for electronic board manufacturing, ACTIA Corp., which handles equipment integration and final assembly in the United States, and ACTIA Systems’ Spanish engineering team, contributing to solution development and effective knowledge transfer.

A key challenge of the project was the transfer of rail expertise to local teams. Historically focused on other electronic activities, these teams benefited from the experience of European teams, recognized for their involvement in major rail programs. This was supported by the creation of a dedicated team in the United States and an extensive training program to ensure industrial ramp-up.

This co-industrialization approach combines technological excellence, regulatory compliance, customer proximity, and strong local industrial anchoring.

“This project demonstrates ACTIA Group’s ability to leverage its expertise on an international scale. We designed the systems in Europe and transferred our know-how to the United States for local production fully aligned with market requirements.”
Sylvain Léon, CEO ACTIA Systems

A first U.S. contract marking a new milestone for ACTIA

With this first rail contract in the United States alongside Alstom and in collaboration with NJ Transit, ACTIA strengthens its industrial and technological footprint in North America and confirms its ability to support high-visibility, high-demand programs.

Leveraging its local industrial capabilities, structured North American ecosystem, and international organization, ACTIA is well-positioned to support large-scale mobility transformations.

Through its contribution to these programs, the Group actively supports improved passenger experience, stronger rail networks, and the deployment of more reliable and higher-performance solutions.

This project marks a new step in ACTIA's strategy: placing electronics at the core of critical systems to build safer, more efficient, and more sustainable mobility in North America and worldwide.