

INNOTRANS 2024: SIEMENS MOBILITY AND SOGECCLAIR SIMULATION INTRODUCE A NEW DIGITAL TWIN-BASED SIMULATOR PROTOTYPE FOR TRAIN CONTROL SIMULATION

Blagnac, France, September 17, 2024, SOGECCLAIR SIMULATION, an expert in developing and manufacturing advanced simulation and training solutions for various sectors, is pleased to announce an innovative partnership with Siemens Mobility. This collaboration brings together Siemens Mobilities' MIREO train control software with SOGECCLAIR's advanced simulation platform (OkSyGen), seamlessly connected to their train model digital twin.

"This innovative partnership, resulting from a challenging R&D hackathon process, aims to deliver high accuracy and fidelity in train simulation for most effective training. This corresponds to our identity delivering simulators that provide highest RoI to our customers. We are delighted to have Siemens Mobility as a strong partner in driving new technology and innovation" Jean-Baptiste Prost, VP Rail Simulation, SOGECCLAIR SIMULATION

A LEAP FORWARD TO SERVE THE FUTURE OF COMMUTER AND REGIONAL TRAINS

By merging these advanced technologies, the partnership aims to enhance fidelity in operator training. This ensures trainees experience the highest level of accuracy and realism, essential for optimal performance. Additionally, the digital twin model will continuously be updated with the latest software versions, guaranteeing operators always train with the most up-to-date and system parameters.

Mireo® trains are renowned for their energy efficiency, flexibility and profitability. By embedding the Mireo software within SOGECCLAIR's simulation environment, a new standard is set for realistic and effective training solutions.

The project features a train control desk, provided by Siemens Mobility, and interfaced by the SOGECCLAIR team. This hardware innovation ensures a seamless and realistic training environment that accurately replicates real-world driving.

"The new Digital Twin-based driving simulator, utilizing our engineering validation tool, is set to revolutionize the simulator experience for our customers. With this innovative technology, we aim to provide the most realistic simulator yet. Not only will customers benefit from reduced simulator life cycle costs, but they can also expect faster availability, even before initial train delivery" Frank Hoffmann, Head of Engineering at Siemens Mobility.

SHOWCASING AT INNOTRANS 2024

This innovative project will be showcased at Innotrans 2024, the world's leading transport technology trade fair.

Attendees will have the first opportunity to experience this prototype at the SOGECCLAIR booth, **Hall 27, Booth 120**.

About SOGECCLAIR

Supplier of innovative, high added-value solutions for safer and more efficient mobility, SOGECCLAIR brings its skills in high-quality engineering and production to a broad range of cutting-edge sectors, notably aeronautics, space, vehicle, rail and defense. Supporting its customers and partners from the design and simulation stages through to the end of the product's lifetime, all along the production chain through to entry into service, the collaborators are working worldwide to offer a high-quality, proximity service to all its customers.

SOGECCLAIR is listed on Euronext Growth Paris - Indice Euronext® Family Business -Code ISIN: FR0000065864 / (Reuters SCLR.PA – Bloomberg SOG.FP)

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