



CTI Systems S.à r.l.
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PRESS RELEASE

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SATYS and CTI Systems take another step striving for zero collision, revealing a world premiere: TheTwin Scan Control

CTI Systems recently made a decisive step in the development of a new aircraft approach control system by finalising, in one of SATYS' paint shop for long range in Blagnac, France, the Twin Scan Control, as the first step towards the automation of teleplatforms.

2 years of research and development by CTI Systems, and the collaboration of SATYS have led to the implementation of a new revolutionary anti-collision system, theTwin Scan Control, which allows greater precision in aircraft approach through automatic distance control.

Both companies, which have been active in the aviation industry for decades, attach great importance to innovation. SATYS, with its user-oriented attention to detail, is constantly innovating in the field of safety. Not only for its staff, but also in terms of meeting deadlines and quality levels. CTI Systems on its side, inventor of the teleplatform, is constantly innovating in the development of products and systems in order to meet the new challenges of its customers.

The innovative Twin Scan Control system is based on a real image of the aircraft and not a 3D surface model and as such uses the real aircraft shape including deflection of aircraft structure and position of moving parts like flaps. The systems not only controls the teleplatform speeds depending on the distance to the aircraft skin but also stops the equipment without the operators intervention at a preset distance, thus avoiding touching the aircraft envelope.

The Twin scan Control facilitates the operations on the periphery of the aircraft with the target to achieve the highest possible level of safety and quality result. This novelty thus opens the door to the automated trajectory movement of teleplatforms, and consequently to future robotisation.

Contact persons for further information

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About CTI Systems:

CTI Systems, part of the Paul Wurth Group, is a supplier of integrated automated handling and processing systems, especially for heavy loads, with more than 58 years of experience. The product and service portfolio includes automated material handling solutions, aircraft maintenance systems, storage systems, surface treatment facilities, assembly lines, as well as software solutions for production control and optimisation of storage and distribution systems (MES & WMS), including the integration of machines from other suppliers.

www.ctisystems.com

About Satys:

Satys is a French industrial group present on two markets: painting, sealing and aeronautical surface treatment ("Satys Services") and railway and aeronautical interior fittings ("Satys Interiors"). Its customers are aeronautics (Airbus and Boeing) and railway manufacturers (Alstom, Bombardier, Hitachi, Siemens, CAF and Talgo), European and Chinese airlines, railway operators, equipment manufacturers and aeronautics plant manufacturers (for surface treatment).

Its consolidated turnover will be €190m in 2021, after €212m in 2019 and €190m in 2020 on a like-for-like basis (which takes into account the disposal of Satys Electric in December 2020). The group employs 2,200 people in 11 countries.

www.satys.com

Photo.:



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