

RNS Reach – non-regulatory announcement

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Transense Technologies plc

("Transense" or the "Company")

Transense and Unison collaboration advances next-generation propulsion technology

Transense Technologies plc (AIM: TRT), the developer of advanced sensor technology, is pleased to highlight the successful application of its SAWsense torque sensing technology in a hybrid-electric flight demonstration developed in collaboration with Unison, a GE Aerospace company.

The technology was incorporated into the propulsion system used in the first hybrid-electric flight above 30,000 feet and the first hybrid-electric transatlantic crossing, with the achievement showcased at the prestigious Farnborough International Airshow.

The demonstration represents a further milestone in the long-standing collaboration between Transense and Unison and highlights the potential application of SAWsense technology within next-generation aerospace propulsion systems.

Transense provided the foundational torque-sensing technology, while Unison applied its aerospace engineering, industrialisation, qualification and integration expertise to develop the technology for the airborne demonstration.

Torque measurement is an important capability in the development and optimisation of advanced propulsion systems, providing critical data on the performance of key components and enabling engineers to monitor and manage power transmission.

The successful demonstration highlights how Transense's differentiated Surface Acoustic Wave (SAW) sensing technology can be integrated into demanding aerospace applications and progress from technology development towards flight-relevant systems.

Ryan Maughan, Managing Director of Transense Technologies plc, said: "This is an important milestone for advanced propulsion development and demonstrates the role that accurate torque sensing can play in the development of future aircraft propulsion technologies.

"We are proud to see our foundational SAWsense technology incorporated into Unison's industrialised solution and successfully demonstrated in a flight-relevant application at Farnborough.

"Our long-standing relationship with Unison continues to provide an important platform for demonstrating the capabilities of SAWsense technology in highly demanding aerospace environments."

Josh Friedman, Engineering Leader at Unison, said: "The flight demonstration at Farnborough reflects the strength of combining differentiated sensing technology with aerospace application engineering, qualification and integration. We value our long-standing relationship with Transense and the role this collaboration plays in advancing next-generation propulsion technology development."

The demonstration provides a high-profile example of the application of specialised sensing technology within the aviation industry's development of hybrid-electric and other advanced propulsion concepts, with the potential to support future aircraft designed around improved efficiency, reduced emissions and extended range.

For further information please visit www.transense.com or contact:

Transense Technologies plc

Via Investor Relations

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About Transense Technologies plc

Transense Technologies plc (AIM: TRT) is a UK-based developer of advanced sensor systems for industrial, aerospace and automotive applications.

Through its SAWsense and Translogik divisions, Transense develops technologies for measuring torque, temperature and tyre performance in demanding operating environments.

SAWsense specialises in Surface Acoustic Wave (SAW) sensing technology, working with global engineering companies to integrate its technology into advanced systems, including next-generation aerospace propulsion programmes.

Headquartered in Oxfordshire, UK, Transense Technologies plc is listed on the AIM market of the London Stock Exchange.

About Unison

Unison, a GE Aerospace company, is a global supplier of advanced gas turbine engine components and electrical and mechanical systems. With a presence across major engine and airframe programmes, Unison develops performance solutions for aviation, space and defence applications worldwide. Find out more at: <https://www.unisonindustries.com/>.

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