

PRESS RELEASE

TTTech and Dibotics announce collaboration to integrate augmented LiDAR technology under MotionWise framework

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TTTech, a global leader in the field of robust networking and safety controls, and Dibotics, a pioneer and leader in real-time 3D LiDAR processing, today announced their collaboration for the integration of an *Augmented LiDAR™* solution powered by TTTech's software platform MotionWise.

With MotionWise, TTTech has developed the most advanced embedded platform software ready to be integrated diverse safety microcontrollers and complex multi-core -SoCs used for automated driving. MotionWise is already part of the zFAS piloted control platform in the current Audi A8 and several models of the Volkswagen Group. Since LiDAR solutions are crucial to tackle safety related perception task for self-driving cars, TTTech identified the Dibotics *Augmented LiDAR™* technology to ensure perfect integration of MotionWise and LiDAR solutions. This cutting-edge solution represents the most advanced LiDAR technology on the market, hence the perfect match for TTTech's embedded software platform.

Dibotics is providing a real-time 3D LiDAR processing solution, including precise Localisation/Ego-Motion, 3D mapping system, point-wise classification, obstacle detection and tracking, and multi-LiDAR fusion capabilities. Together with the MotionWise software platform, the companies aim to provide faster time to market for their customers.

“We are happy to collaborate with such a dynamic start-up company like Dibotics and broaden our offering in the area of automated driving”, said Georg Niedrist, VP Products & Projects at TTTech.

“Our series-proven software platform MotionWise is a perfect basis for the Dibotics *Augmented LiDAR™* algorithms and will be of interest for many customers”, said Salvador Rodriguez Lopez, Manager Advanced Projects & Technology at TTTech.

“TTTech is a trusted partner of major OEMS and Tiers1, with an impressive track record with its embedded software platform. Its focus on series-proven solutions it's a perfect fit with our solutions, as were aiming mass production since day one. We're very excited with this collaboration.”, said Raul Bravo, CEO of DIBOTICS.

About TTTech Computertechnik AG

TTTech is a global leader in the field of robust networking and safety controls. TTTech solutions improve the safety and reliability of electronic systems in the industrial and transportation sectors, with a portfolio of products that are helping to make the Industrial Internet of Things and autonomous driving a reality.

Thanks to the proven platform-based architecture, TTTech solutions enable simple system integration with shorter time-to-market and significant cost reductions for customers. TTTech solutions support highly scalable and modular open real-time architectures based on Deterministic Ethernet, including the upcoming IEEE TSN and the established SAE Time-Triggered Ethernet standard.

More information about TTTech is available at www.tttech.com.

About Dibotics

Dibotics is a Paris-based company offering innovation in real-time LiDAR processing. Founded in 2015 by Raul Bravo and Olivier Garcia, two serial entrepreneurs with extensive experience of 15 years in LiDAR processing for mobile robotics applications, Dibotics has an original approach that differs from the traditional model. Its sensor-agnostic 3D SLAM technology (Simultaneous Localization and Mapping) and *Augmented LiDAR™* created the first solution allowing advanced features like point-wise classification, objects detection & tracking and calibration-less Sensor Fusion to be performed only based on the sensor data itself. All of this performs without requiring any learning (deterministic) and can be embedded in a small and low-power integrated circuit (SLAM on Chip™).

For more information about the *Augmented LiDAR™* solution, please visit www.augmentedlidar.com

For sensors other than LiDAR (Radar, 3D ToF Camera, Sonar), please visit <http://www.dibotics.com>

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