

Autotalks to Unveil a V2X Solution Architected for Autonomous Driving at ITS America

Autotalks 2nd generation V2X chipset enables secure and safe communications for self-driving vehicles

Kfar Netter, Israel ([PRWEB](#)) June 13, 2016 -- Autotalks, the leader in V2X communication chipsets, announced today it will unveil its V2X solution for autonomous driving at ITS America. V2X Communication adds a new layer of confidence and certainty to self-driving vehicles. It complements the information of other sensors, especially in situations of non-line-of-sight, rough weather or poor lighting conditions. Autotalks V2X solution can streamline autonomous operations in challenging conditions and various uncertain driving situations for a safer journey.

Autonomous vehicle relies on accurate mapping for navigation. V2X communication enables autonomous vehicle map usage by improving positioning information, where unavailable, such as urban canyons. In addition, V2X allows the vehicle to better understand the intention of surrounding vehicles and to receive guidance from infrastructure. V2X communication enables traffic coordination for higher road utilization and lower emissions. Autonomous vehicles are expected to be always connected and V2X adds a supplementary cloud access.

Functional safety certification is required for reliable operation in case of brake actuation. Those decision must be taken in real-time, hence low and deterministic latency of V2X security operation are needed. Lastly, an embedded Hardware Security Module (eHSM) addresses the higher trust requirements of autonomous driving.

“The automotive industry is witnessing a perfect storm, as autonomous functionality coupled with connectivity capabilities enables new vehicle driving models.” said Hagai Zyss, CEO of Autotalks. “Autotalks continuously raise the bar by defining and implementing the V2V requirements for Autonomous driving. Autotalks solution can make the difference for autonomous driving.”

Autotalks secure V2X communication chipset was architected for autonomous driving. The reference design is fully tested and available today to simplify integration into any vehicle architecture.

Visit Autotalks at ITS America 2016 San Jose, McEnery Convention Center Booth #929.

About Autotalks Ltd.

Autotalks enables the vehicle-to-vehicle and vehicle-to-infrastructure communication revolution by providing fully available automotive qualified VLSI solutions, containing the entire ECU functionality. Autotalks offers the only viable V2X security solution and the only pre-integrated chipset for reducing development schedule and cost.

Autotalks is a privately held company with strong venture capital backing. For more information, visit <http://www.auto-talks.com>

To schedule a meeting, contact Mike Blicher: [mike\(dot\)blicher\(at\)auto-talks\(dot\)com](mailto:mike(dot)blicher(at)auto-talks(dot)com); (248) 766-8247



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