Autotalks’ Global V2X Solution Improves Road Safety & Mobility

With the most advanced mass-market ready global V2X chipsets

What is V2X?
Vehicle-to-Everything (V2X) communication connects vehicles to other vehicles (V2V), infrastructure (V2I), motorcycles (V2M) and pedestrians (V2P) for safety and mobility applications. It adds confidence and reliability by providing a deterministic understanding of the vehicle environment even in poor-to-none visibility conditions. It enables “cooperative perception” allowing vehicles to share road information and thereby “see through” other vehicles and obstacles. Its huge safety benefits convinced top automakers to launch mass-market deployment programs.

About Autotalks
Autotalks enables the V2X communication revolution with its automotive qualified chipsets. The chipsets offer the most advanced, truly secure, global V2X communication solution created for manned and autonomous vehicles.

Autotalks, headquartered in Israel with offices in USA, Germany, France, Japan, China, and South Korea, is selected for car-maker mass production programs and is geared up to support global wide-scale deployment of V2X.
Autotalks’ V2X Offering
Autotalks is the only vendor to offer chipsets with built-in support for both DSRC and C-V2X standards. This makes Autotalks’ offering the only truly global solution, that is capable of supporting all regions, with a single V2X system design.

Autotalks global V2X solution is independent of the cellular network (3G/4G/5G), and can integrate with any cellular Network Access Device (NAD) class, such as cost effective CAT4/7. Tier1s and OEMs can quickly introduce V2X without modifying their Telematics platform. In addition, this makes Autotalks’ solution not only the most flexible and cost-effective, but also the most cybersecure as a result of the physical separation between the safety (V2X) and Infotainment/Telematics (cellular NAD) domains.

Autotalks supports out-of-vehicle WiFi for value added services (e.g. mobile offload, handshake with Electric Vehicles’ charging station, vehicle diagnostics, OTA update, etc.)

Truly Secure
In addition to security-by-separation, Autotalks offers the most robust and scalable cybersecurity architecture, by integration of powerful hardware crypto-accelerators and embedded HSM (Hardware Security Module) acting as a secure vault for V2X crypto assets. This solid architecture, assures the secure operation of the entire V2X system for decades, and complies with global security standards and certifications.