



Savari Launches Next-Gen V2X Solutions to Accelerate Adoption of Safety Apps in Connected and Self-driving Cars

*Higher Performance, Hardware Security, Automotive-Grade OBUs
and Higher Performance, Compact and Ruggedized RSUs*

ITS AMERICA, SANTA CLARA, Calif. June 13, 2016, [Savari, Inc.](#) announced its next generation of [MobiWAVE™ On-Board Units \(OBUs\)](#), [StreetWAVE™ Road-Side Units \(RSUs\)](#) and V2X middleware. These new solutions add to Savari's industry-leading experience in V2X communication technology and target automotive manufacturers, tier one suppliers and governments that want to make our roadways safer and more efficient.

V2X communication technology is widely recognized throughout the industry as a ready-to-deploy option to bring advanced situational awareness to the driver through V2V (vehicle-to-vehicle), V2I (vehicle-to-infrastructure) and V2P (vehicle-to-pedestrian) safety applications. V2X systems can operate independently or complement other connected vehicle technologies, and they offer the benefit of working in a non-line-of-sight environment with a 0.6 mi./1 km range. Savari's life-saving V2X solutions are roadway proven, amassing over 15 million miles and four hundred thousand hours of public safety pilot testing with the USDOT.

[Savari MobiWAVE OBUs](#)

The new MobiWAVE OBU family of products for vehicles are completely redesigned, featuring an automotive grade processor that delivers 4x increase in computing power over the previous platform and multiple wireless radio support, including DSRC, Wi-Fi, Bluetooth and cellular radios. The MobiWAVE platform is an industry standard and software configurable as a Vehicle Awareness Device (VAD), Aftermarket Safety Device (ASD) and a complete-off-the-shelf device for automotive manufacturers, tier one suppliers and aftermarket suppliers. The platforms feature automotive controller area network (automotive CAN), multiple forms of storage, a display, multi-axis sensor and a built-in speaker and microphone in a compact design. The platform also provides many industry firsts for a V2X system like position accuracy improvements especially in urban canyon, fast boot up, high reliability design, optional hardware crypto accelerator for line rate verification of received messages, optional built-in rechargeable battery with smart cutoff and much more.

Savari StreetWAVE RSU

Savari is releasing a lower cost version of its current StreetWAVE RSU in August and its next generation StreetWAVE RSU in the fourth quarter of 2016 that offers several enhancements for smart city and roadway infrastructure deployments. The next-generation model supports the latest USDOT DSRC specification, is fully version USDOT RSU 4.0-compliant, offers easy remote management via any SNMP browser and is available in a ruggedized compact form factor. The RSU features built-in Wi-Fi/BT and Cellular, optional crypto-acceleration for line rate security verification and a slew of other features that increase performance and reliability. Savari has created a high performance and cost-effective RSU that's ideal for citywide or smaller scale type of deployments. Savari StreetWAVE RSUs are deployed in major public U.S. smart city testbeds, with over 90 percent of currently installed road-side-units, covering 130 square miles of public area.

Savari V2X Middleware

The Savari MobiWAVE SDK provides feature-rich libraries for developing V2V and V2I applications for a wide range of customers from automotive manufacturers to municipal transportation departments. The company's V2X software stack is comprised of over 1.5 million lines of code. The latest release is compliant to the 2016 version of the USDOT specifications. Savari MobiWAVE SDK has been used to develop advanced ITS applications such as predictive safety & mobility applications: forward collision warning, electronic emergency brake light, curve speed warning, work zone warning, pedestrian detection, transit signal priority for emergency responders and more. Customers can now use the Savari V2X software, which is in use in various major testbed deployments in the United States and Europe, including UMTRI Safety Pilot, Crash Avoidance Metrics Partnership (CAMP), Virginia Connected Test Bed, Caltrans/UC Berkeley PATH Test Bed and Car-2-Car Communication Consortium.

For more information about Savari's V2X portfolio, please visit <http://www.savari.net/technology/> or visit the Savari booth (#916) at [ITS America](#), June 12-16, at the McEnery Convention Center in San Jose, Calif. ITS America attendees can also sign-up at the booth for an in-car technology demonstration of Savari's V2V safety applications that include Forward Collision Warning, Blind Spot Warning, Lane Change Assist and Intersection Movement Assist.

Comments on the News:

“At Savari, we are passionate about making the world’s roadways safer for everyone. Our V2X communication solutions have demonstrated in public testing that they can prevent accidents and save lives. Our next-generation on-board units, road-side units and intelligent transportation applications leverage the latest, advanced technologies combined with V2X expertise that spans eight years of collaboration with the USDOT and several transportation departments, automakers and tier one suppliers from around the world. As cities increasingly look to deploy smart infrastructure and manufacturers add V2X technology to their vehicles, there’s no ceiling to how many people will be touched by our technology,” said Ravi Puvvala, CEO, Savari.

About Savari, Inc.

Savari seeks to make the world’s roadways smarter and safer by deploying advanced wireless sensor technologies and software for V2X environments to support a growing portfolio of intelligent transportation services. With more than 150 man-years of V2X learning and development and 15 million-plus miles per year of public testing, Savari is a leader in V2X technology. Savari is headquartered in Santa Clara, Calif., and has offices in Detroit, Mich., Munich, Germany, Seoul, Korea and Bangalore, India. The company is comprised of a core team of industry veterans from the automotive, semiconductor, software and telecommunications industries. Savari is partnering with automotive OEMs, system integrators, chipset vendors and industry groups like the U.S. Department of Transportation. For more information, visit savari.net.

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