

GLOBAL V2X SOLUTION



Creating Value through Partnership



Autotalks offers a 2nd Generation mass-market-ready chipset that supports both DSRC and C-V2X

V2X (Vehicle-to-Everything) communication is heading to mass-market adoption as the world's largest OEMs announced intentions to equip their new car models with the technology. In recent years, V2X diverged into two different technologies, DSRC and C-V2X, with fundamentally different architectures, making it difficult to harmonize a single global solution. Autotalks, a leader and innovator in V2X, addresses the need for a global solution by equipping its mass-market ready 2nd generation chipsets, CRATON2 and SECTON, with C-V2X direct communication, in addition to their native support for DSRC.

KEY FEATURES & BENEFITS

- Autotalks' technology addresses all key V2X challenges: communication, reliability, cybersecurity protection, safety-grade, positioning accuracy and vehicle installation
- The only global solution supporting both DSRC (based on 802.11p) and C-V2X direct communication (based on 3GPP Release 14 and 15)
- Automotive Grade (AEC-Q100 Grade 2)
- Autotalks' C-V2X direct communication solution is decoupled from the cellular Network Access Device (NAD), making it cellular-networks-agnostic, and the only truly safe, cybersecurity and certifiable solution in the market
- Significantly improves overall road safety
- Improves road mobility and actively coordinates vehicles and self-driving cars



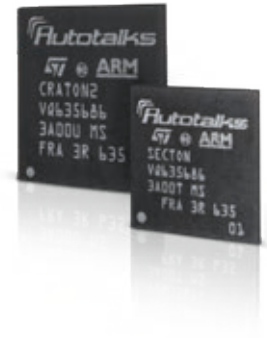
Highest Performing, Truly Secure and Safety-Grade V2X Chipset

Complete synergy

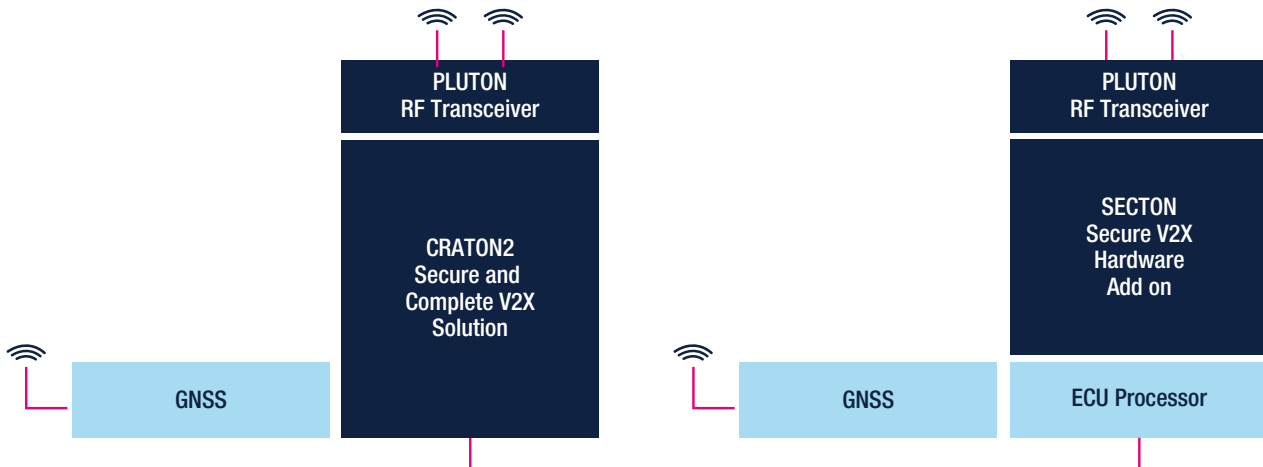
- Synergy to deliver a complete mass-market V2X solution
- Autotalks superior V2X technology, system expertise & market leadership
- ST strengths in automotive systems with complementary technologies such as GNSS & Dead Reckoning
- ST manufacturing capability & scale

A leader in v2x solutions

- Autotalks chipsets are the most advanced, truly secure and highest performing V2X communication solutions architected for autonomous vehicles.



Autotalks' solution – across all use cases



Standalone, integrated in a TCU or in other ECUs



info@auto-talks.com | www.auto-talks.com



© STMicroelectronics - August 2020 - Printed in the United Kingdom - All rights reserved
 ST and the ST logo are registered and/or unregistered trademarks of STMicroelectronics International NV or its affiliates in the EU and/or elsewhere. In particular, ST and the ST logo are Registered in the US Patent and Trademark Office. For additional information about ST trademarks, please refer to www.st.com/trademarks.
 All other product or service names are the property of their respective owners.

