

Solutions for the Automotive Industry



Testing Advanced Information and Communications Technologies

VIAMI is your partner of choice for testing in-vehicle networks, V2X connectivity, time-sensitive networking and autonomous vehicle. The world's leading automotive brands and sub-system developers rely on VIAMI solutions to verify their systems deliver outstanding user experience and performance. Our expertise enables the deployment of life enriching communication networks, devices, services and applications.

VIAMI is working closely with the automotive industry to successfully implement new features and services that form the intelligent transportation systems and connected vehicles of the 21st Century.



COMMITMENT TO INNOVATION IN AUTOMOTIVE

As transportation becomes more connected, and new features become more critical, systems designers, OEMs and suppliers need to verify their operation at all stages of development.

VIAVI is working with government agencies and laboratories, standards bodies and commercial organizations to help create innovative new systems and features.

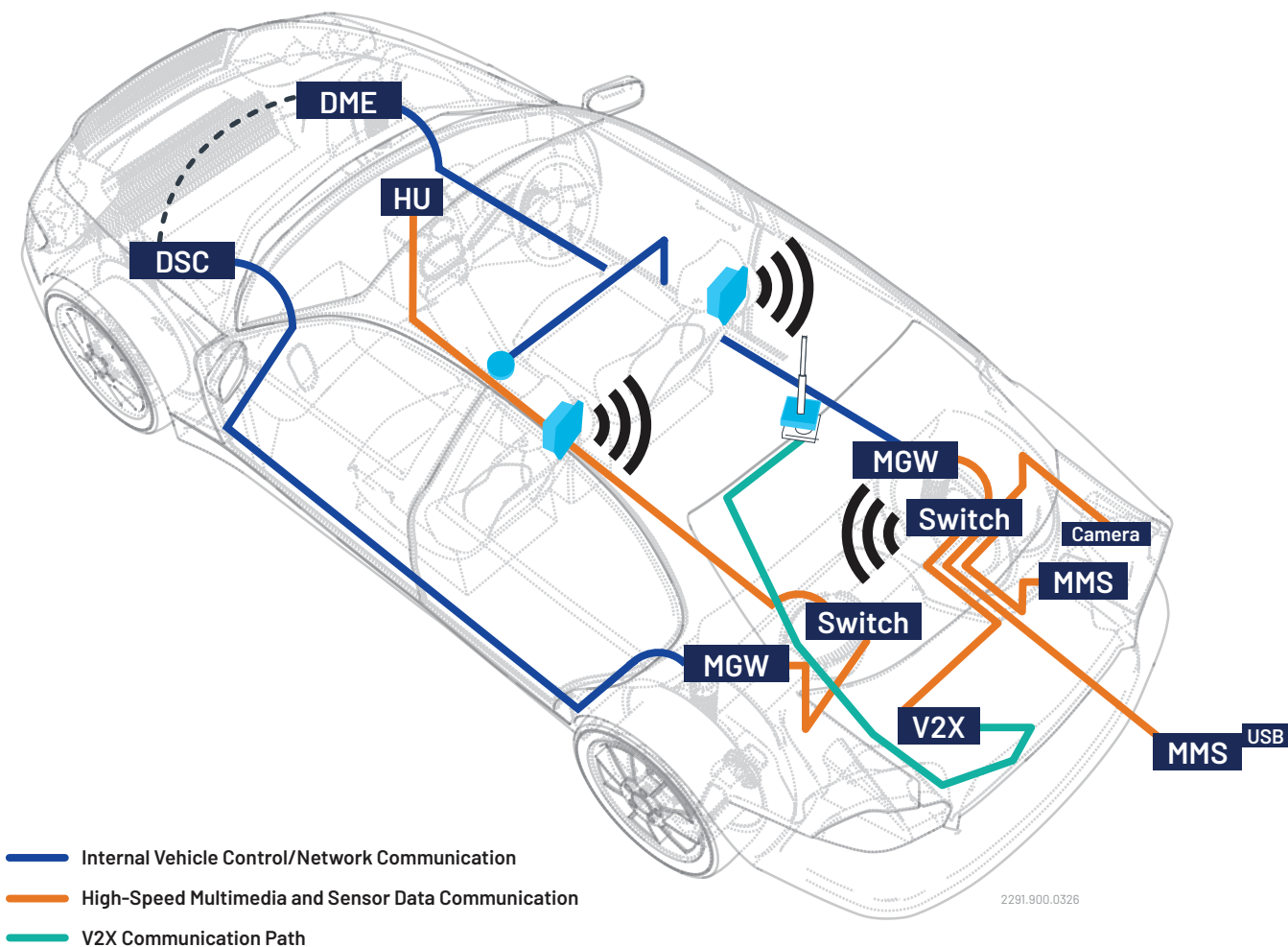
VIAVI's lab test solutions are perfectly suited for evaluating performance of the latest technologies. As new communication services and applications are launched, VIAVI provides tools for service management and field test to improve troubleshooting and quality.

UNMATCHED RANGE OF TEST SOLUTIONS

We offer a wide range of solutions to help verify that automotive networking and communication systems perform as intended.

VIAVI AREAS OF EXPERTISE INCLUDE

- TSN and Automotive Ethernet Testing
 - Support for BASE-T1 (automotive ethernet) from 10M to 10G
 - TSN/AVB functional and performance testing
 - Avnu Alliance TSN/AVB conformance
 - OPEN Alliance conformance
 - AUTOSAR conformance
- V2X Testing
 - V2X signaling conformance testing
 - V2X functional and performance testing
 - Multi-PHY support (DSRC, C-V2X)
 - Multi-protocol stack support (EU ETSI, US WAVE/OmniAir, China ITS)



TECHNOLOGICAL INNOVATION AND COLLABORATION

Over 3 decades of experience in developing test solutions for the Automotive industry enables VIAVI to help their customers develop and operate innovative communication networks, devices and applications.

For the advancement of new technology and test methodologies, VIAVI works diligently in conjunction with standard bodies, independent test labs and industry forums.

In the automotive domain, VIAVI is involved in standards initiatives and is an active member of Avnu, IEEE, and ETSI.



VIAVI pioneered testing of many of the technologies adopted by the automotive industry, including Ethernet networks, mobile connectivity and service quality, or location-based services. Our engineers provide valuable counsel to many of the leading communication standards organizations.



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