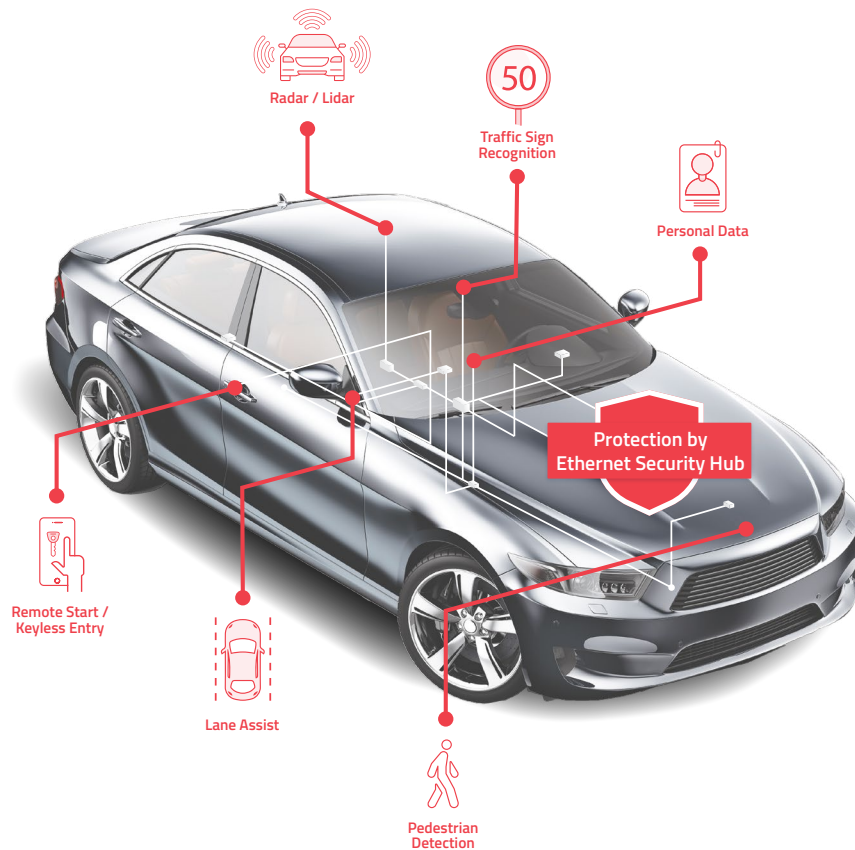


ETHERNET SECURITY HUB

Arilou's solution provides a clear decoupling between the network's communication functionality and security services such as firmware updates, intrusion detection, deep packet inspection, encryption, and configuration management. Automotive Ethernet reshapes the in-vehicle network landscape, and to some extent draws parallels to classical IT networks.

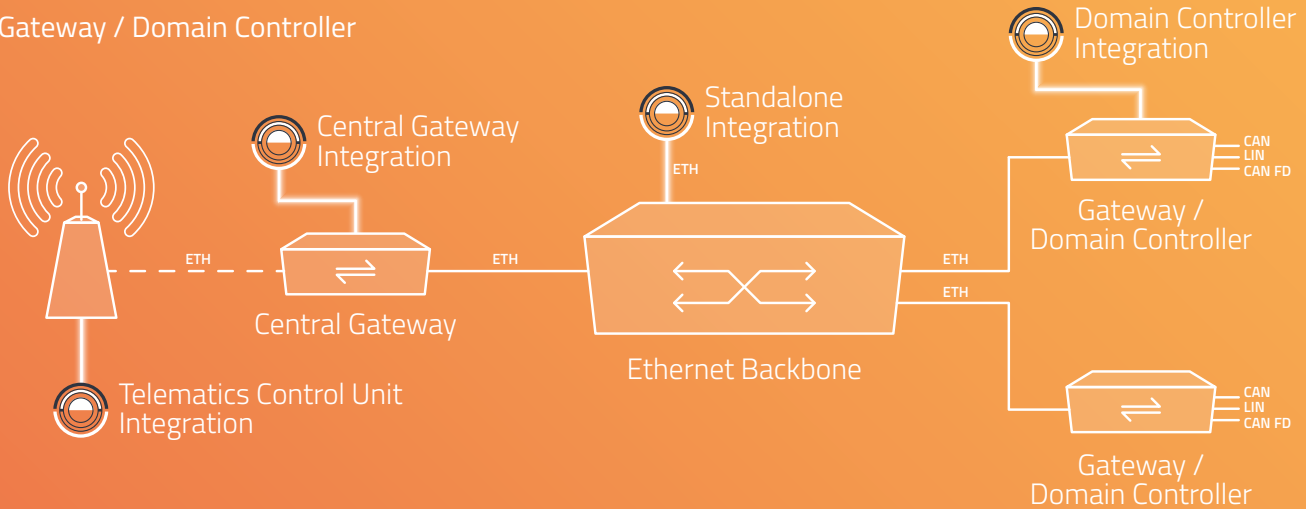


BENEFITS

- **Architecture and vendor agnostic**
 - Any network architecture or component combination is supported by the solution.
 - Seamlessly integrate with any third-party security solution.
- **Attack detection and mitigation out-of-the-box**
- **In-vehicle centralized security management**
 - Comprehensive options address all network security concerns.
 - Ensures best in class network protection regardless of existing network devices capabilities.
- **Available as SW only solution**

SUPPORTED INTEGRATION OPTIONS

- Standalone, integrated on a processor that accompanies the switch
- Central Gateway
- Telematics Control Unit
- Gateway / Domain Controller



TECHNOLOGY

- Automatic network topology learning and configuration, gaining full control over network access at ECU level
- End-to-end authorization and spoofing prevention for each ECU connected to vehicle's LAN
- Ethernet Firewall
- Network function virtualization provides seamless integration of 3rd party or customized security services
- Complete network cyber protection from a single point (backed up and redundant)
- Encapsulated protocol security support (such as CANoE) by dedicated solutions

ABOUT ARILOU

Arilou Cyber Security, part of NNG Group, is a pioneer in the field of cyber security. Arilou delivers deep automotive industry knowledge and unique cyber expertise. Successfully tested by the United States Department of Transportation, leading research institutions, and major OEMs, Arilou's solutions are available today for integration.

For additional information and to learn more about our complete cyber security portfolio please visit ariloutech.com.

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