

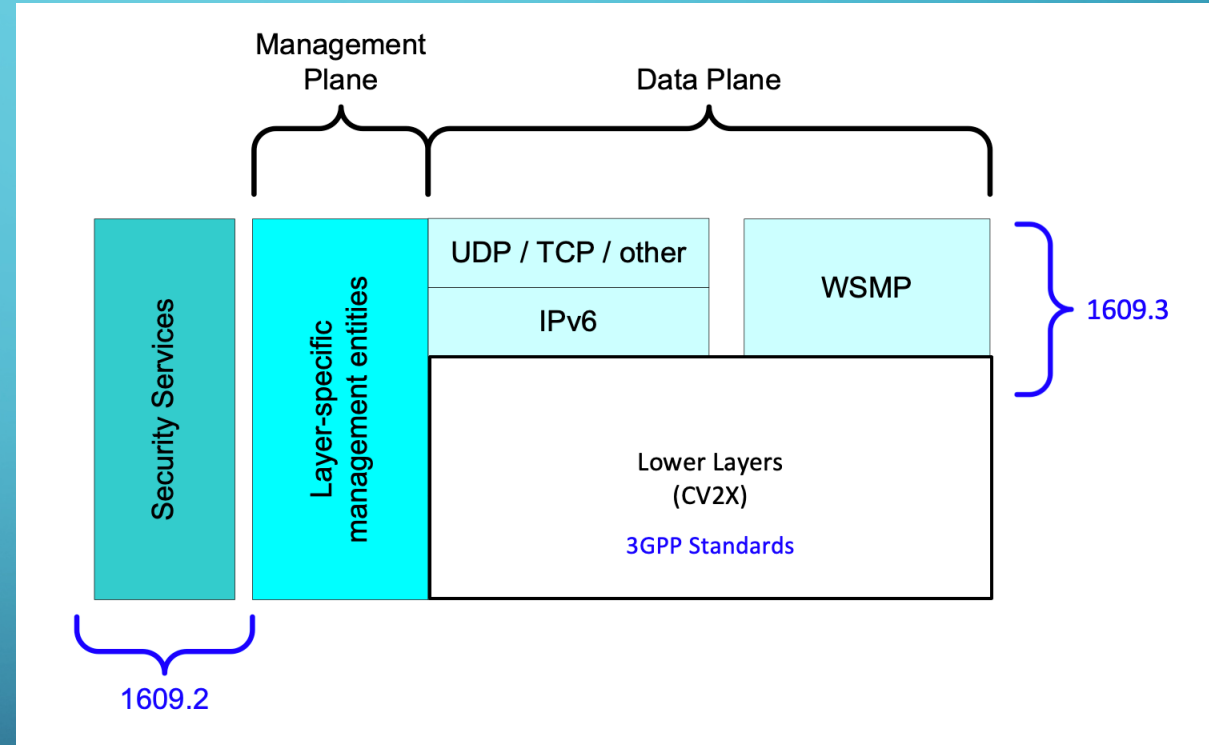
IEEE VEHICULAR TECHNOLOGY SOCIETY (VTS)

IEEE 1609 WORKING GROUP

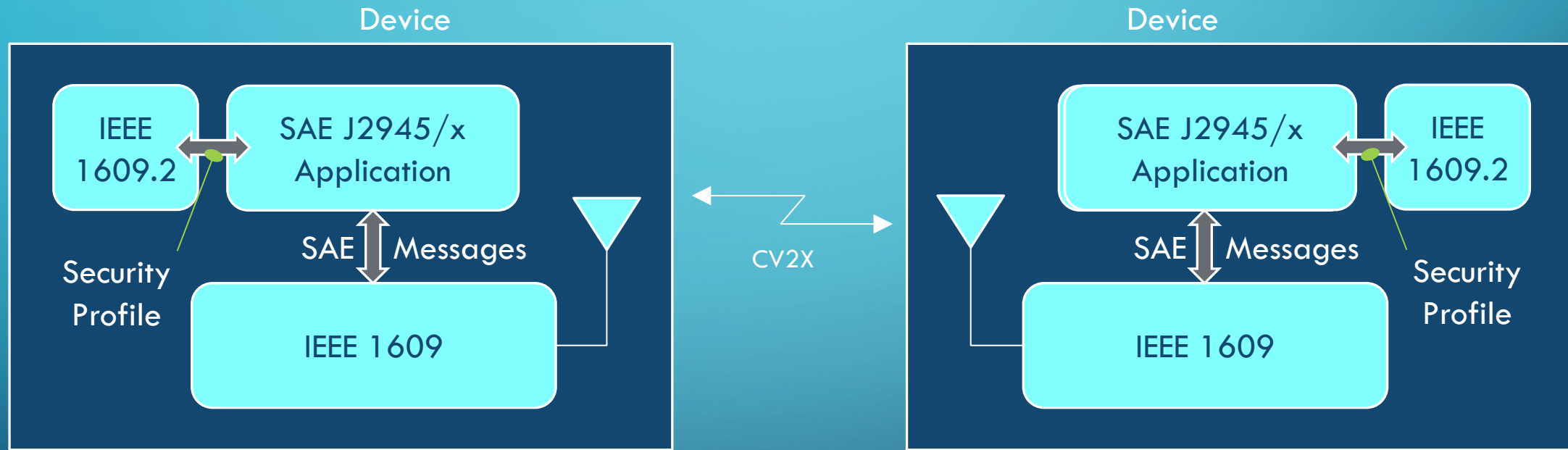
MAY 2023

OVERVIEW

- Lower layer configuration
- Network and transport layers
- Security services



STANDARDS RELATIONSHIPS



IEEE 1609 WORKING GROUP STATUS

- **Security Documents:**

- IEEE 1609.2: IEEE Standard for Wireless Access in Vehicular Environments – Security Services for Application and Management Messages (Revision Published 2022)
 - Formally adopted and profiled by ETSI in TS 103 097
 - Coordinated at Subject Matter Expert level with equivalent CCSA standard
- IEEE 1609.2.1: IEEE Standard for Wireless Access in Vehicular Environments (WAVE) – Certificate Management Interfaces for End Entities
 - Certificate management protocols
 - Profiled by ETSI as an option in TS 102 941
 - Use is voluntary, some deployers including auto OEMs prefer to use existing provisioning systems
- IEEE 1609.2.2: Draft IEEE Standard Wireless Access in Vehicular Environments (WAVE) - Multi-Jurisdictional Interoperability Using Security Credentials Originating in Disparate Policy Domains
 - Aiming to identify requirements and provide mechanisms to specify how certificates issued under one policy should be treated by receivers with a different “home” policy

- **Protocols and Architecture:**

- IEEE 1609.3: IEEE Standard for Wireless Access in Vehicular Environments (WAVE)--Networking Services
 - Published, may start revision in 2023 given FCC regulatory progress
- Others...

IEEE 1609 WORKING GROUP MEETING SCHEDULE

- Meets every 2 to 3 months (participation available by teleconference)
- Next meeting May 23: 1200 to 1700 Eastern US time
- Send an email to listserv@ieee.org with message body “subscribe stds-p1609” to join the 1609 mailing list
 - Meeting notices, meeting minutes, discussion topics

THANK YOU

IEEE 1609 Working Group

Justin McNew, Chair

justinm@jmcrota.com

William Whyte, Vice Chair