Implementation Interest at Componentality

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• Need contributors to software implementations (currently proprietary and non-interoperable)
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What Do ITS and Automotive Communications Markets Need?

- Actually there’s a common V2X low level exchange standard and public implementations.
- However for wide introduction of V2X to ITS, collision prevention and general applications high level standard needed.
- Now we have IEEE1609 (and several others), but implementations are proprietary and now interoperable.

Automotive and ITS market needs OSS implementation of IEEE 1609 WAVE.
Geographic Mesh

- DSCR-based mesh is the most advanced method to transport big amounts of data in VANETs.
- Full-scale “all-to-all” mesh has extra redundancy, loads network with auxiliary traffic and always unnecessary as only few connections are physically possible.
- Each DSRC-equipped vehicle usually has GNSS-receiver and knows its location and movement parameters.

Geographic Mesh optimization is one of the most urgent needs in VANET field.