



Updates on Activities and Potential Future Developments in ISO/SAE 21434, 8475 PAS, 8477 TR & ISO/IEC JWG

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Agenda

- Common Criteria for automotive (ISO/IEC AWI 5888)
- SAE/ISO Joint Working Group (JWG)-projects & status
 - Summary
 - ISO/SAE 8475
 - Cybersecurity Assurance Level (CAL)
 - Targeted Attack Feasibility (TAF)
 - ISO/SAE 8477
 - Verification and validation
 - 2nd edition of ISO/SAE 21434

ISO/IEC 5888 (Auto Common Criteria)



- Goal was application of common criteria for automotive
- Disbanded due to disagreement in scope between ISO & IEC

Addressing immediate needs of industry

Cybersecurity Assurance Level (CAL)

Publicly Available Specification / Best Practice

- Determination method modified
- Updating usage tables
- Number of CALs TBD
- TBD if baseline activities will be defined

Targeted Attack Feasibility (TAF)

Publicly Available Specification / Best Practice

- TAF can be used out-of-context
- Challenges in universal understanding / application
- Less maturity than CAL
- Published as informative annex

V&V in context of 21434

Technical / Information Report

- Chapters based on 21434 concepts
- Strategic approaches
- Reference methods
- Distribution of activities
- Timing and execution
- Example reports

Project timing – ISO/SAE JWG



- ISO/SAE PWI 8475 CAL/TAF
 - 2nd CD – end of September; commenting through November
 - Address comments and release DPAS for ballot May 2025
 - Publication end of July 2025
- ISO/SAE PWI 8477 V&V
 - New internal draft - August
 - Determine if ready for DTR or another update cycle
 - If ready for DTR, prepare DTR end of November

- Ideas presented by experts-Stuttgart JWG in May
- Next, formal comments (directional; not detailed)
 - Submitted by registered experts by August 20
 - Co-conveners consolidate comments
 - Identify key topics / issues
 - Determine scope and start of next revision
 - Determine next steps during ISO/SAE JWG

Questions?

Thank you!

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