



Roadmap and development status 2nd edition of ISO-SAE 21434

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time than now to be
an intelligent power
management
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Speaker Introduction

- Member and co-convener of ISO/SAE Joint-Working-Group
- Chair of ISO/SAE 21434 (TARA)
- Chair, SAE Vehicle Cybersecurity Systems Engineering Committee
- Eaton Functional Excellence, Cybersecurity & Functional Safety lead

Today's Discussion

Ongoing joint activities

Enhance existing concepts, introduce new concepts, additional guidance

ISO/SAE 21434

Current activities as a precursor to version 2

A G E N D A

ISO/SAE 21434 2nd Edition

- *Current state*
- *Timing*

Opportunities in development

ISO/SAE 21434 2nd edition



- Collected feedback from industry in 2024
- Content from current CAL, TAF and V&V projects will be leveraged
- Topics and concepts discussed during current projects as input
- Work delayed due to current joint ISO-SAE projects (CAL/TAF, V&V)
- Only major themes for currently planned changes listed in the following

Fundamental decisions

ISO/SAE 21434 2nd edition



- No change in scope or structure
 - Will not include external systems; include references to applicable standards
 - Clarify interdependency/relationships e.g., with external systems
- No separate CSMS document
 - Update clause 5 requirements as needed
- Integration of other documents
 - ISO PAS 5112 will remain separate
 - ISO/SAE TR 8477 V&V merged into 21434

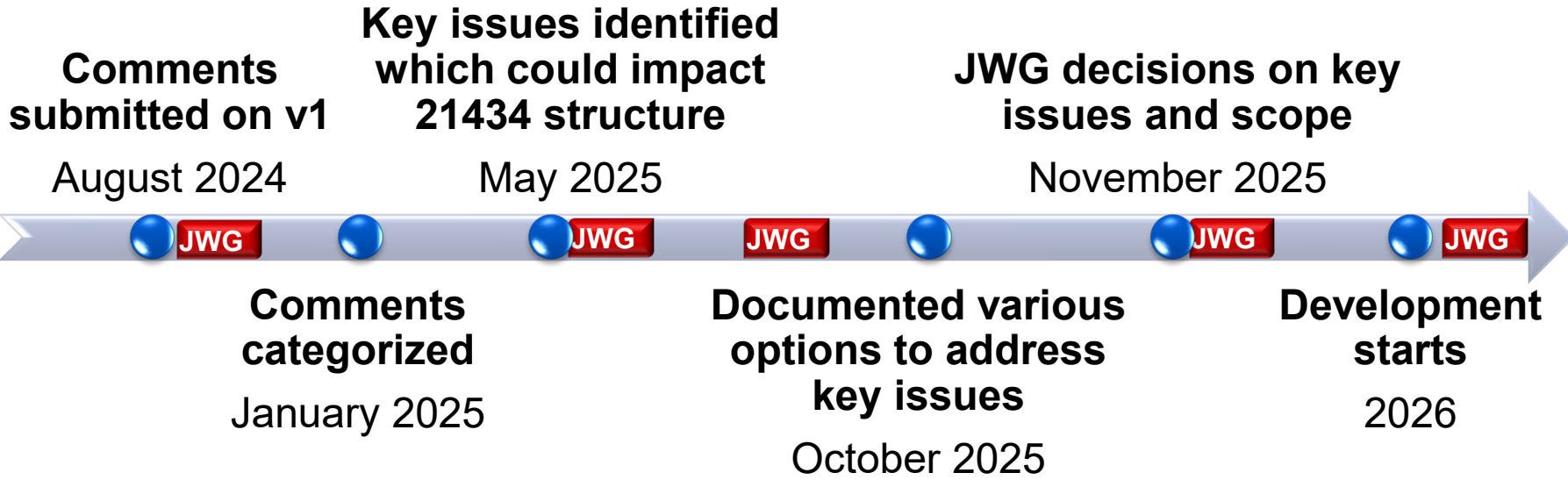
Fundamental decisions

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- Additional guidance and examples (perhaps as a separate document)
 - Application in “Out of Context” e.g., when you only have partial information
 - May add or modify existing requirements
 - Introduce “generic component” concept
 - Conducting TARA in various scenarios (e.g., from supplier viewpoint, etc.)
 - Providing at least 2 examples (avoid appearance of being a ‘blueprint’)
 - Clarify “CS concept” and “CS specification”

ISO/SAE 21434 2nd edition timeline



Expect start of development 2026 (3+ years)



Opportunities to contribute to development of standards and publications



- Need experienced individuals
- Examples of SAE committees/task forces which need volunteers
 - TARA task force
 - Best practices
 - Exchange of TARA information in supply chain (e.g., format of information)
 - Supply Chain BOM task force
 - Initially create an information report
 - Goal of publishing a best practice or standard
 - 21434 2nd edition (when work starts)
 - Output from above task forces may be included in 2nd edition
- Contact John Krzeszewski for additional information
 - See SAE site for a complete list of committees: [ground vehicle org chart](#)

Questions?

Thank you!

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