

Implement R155 and R156 regulations with expert guidance

Get ready for a revolution
in automotive cybersecurity regulations.

What's coming? Updates to UN regulations and ISO standards

According to the UNECE, you are obliged to implement R155 / R156 in your company. This is if you operate in the automotive industry and manufacture vehicles, equipment, electronics, or spare parts. The upcoming regulations will require OEMs to have well-structured and documented cybersecurity processes.

R155 (ISO 21434)

Cybersecurity and cybersecurity management system

R156 (ISO 24089)

Software updates and software update management system



As of August 2021, ISO/SAE 21434:2021 has been published by ISO. In February 2023, the ISO 24089:2023 standard will be released. They define a set of rules and methods used to meet UN regulations 155 and 156.

Any vehicle fitted with advanced driver assistance systems (ADAS) or communication functions must comply with the regulation.

What can we do for you?

We support you comprehensively in creating, adapting, implementing, and controlling the efficiency of your processes according to ISO 21434 for R155 and ISO 24089 for R156.

Choose the service that suits your needs

STARTING STATE
analysis of your processes

R155/R156
process adaptation

STARTING STATE analysis of your processes

Here's what you get as part of the service:

- We draft an analysis plan with a timeline, scope, and team roles.
- You send us the necessary documents.
- Our team reviews your company's processes.
- You receive a comprehensive report with recommendations.



analysis plan

documents

process
evaluation

report
and
recommendations



The turnaround time depends on the documentation state, your team's availability, and the number of changes identified for implementation.

R155/R156 PROCESS ADAPTATION

Using our guidelines, you can commission or implement processes yourself under ISO 21434 (R155) and ISO 24089 (R156).

You nominate us as your team or partners to work on a project verified under R155/R156, and we'll handle the preparation of the following:

- Processes and procedures for handling,
- project and risk analyses of selected subsystems.
- In addition, methods and test procedures for selected components and relevant guidelines for clauses in contracts with subcontractors of your choice.

What is included in the R155/R156 process adaptation service?

STARTING
STATE service

analysis,
documentation, and
implementation

training your
team

post-
implementation
control

certification
support

- Our team analyzes your and your subcontractors' systems to determine those subject to cybersecurity protection under R155/R156.
- We verify the maturity of your subcontractors so that part of the cybersecurity responsibility for your systems can be transferred to them (you will receive the information necessary to include in your contracts with partners to comply with R155/R156).
- We create guidelines for your IT department to meet ISO 21434.
- We set up the procedures for the following:
 - in the event of a cybersecurity incident,
 - system updates,
 - the production of your new and emerging systems, and for maintenance or system decommissioning,
 - information on the termination of cybersecurity support for system users.
- We draft documents:
 - on risk analysis (TARA, etc.),
 - describing the entire cybersecurity process,
 - continuous cybersecurity oversight.
- We will represent you during the certification process and communicate directly with the assessor on your behalf.
- In the end, you will receive a thorough process analysis and a final report.

Additionally, we will train your team on:

- process changes and updated guidelines
- how to maintain, modify and create selected processes and analyses yourself

We can also take the ISO-required role of Cybersecurity Officer.

Ensure compliance with the new R155/R156 regulations with the help of a cybersecurity expert!

Contact us!

solwit@solwit.com