Brightsight pre-evaluation solutions for the automotive industry

DELIVER CYBERSECURE DEVICES AND COMPONENTS TO GLOBAL AUTOMOTIVE MARKETS

Cybersecurity verification is vital for connected automotive products. Compliance with recognized standards and protocols helps manufacturers and developers to reduce liability while delivering competitive advantage in fast-growing global markets.

Brightsight helps manufacturers avoid formal security assessment failure with comprehensive pre-evaluation solutions that mitigate risk and optimize outcomes.

The threat from hackers is constantly evolving. Manufacturers and developers need to ensure their cybersecurity protocols remain up to date to ensure continued compliance with the demands of regulators and customers.

However, there is a problem. For obvious reasons, information on protocols, methodologies and attack strategies is not generally made available, remaining in closed expert working groups to ensure secrecy. The solution is to work with recognized industry experts who understand the challenges and can provide high-level insights that reduce risk and time to market.

AUTOMOTIVE PRE-EVALUATION SOLUTIONS

Our comprehensive pre-evaluation training and consultancy services help manufacturers and developers reduce the potential for failure during formal security evaluations. Solutions include training and pre-evaluation assessments to help manufacturers and developers efficiently prepare for the formal security evaluation.

TRAINING

We offer tailored training workshops covering a range of awareness and product development and testing requirements:

- Basic awareness – covers all relevant cybersecurity requirements for the automotive industry – UNECE WP.29, R.155 & R.156, ISO 21434, etc.

- Security for automotive integrated circuits (IS) – understand the threat and countermeasures for attacks on IC in automotive products

- Common criteria – understand the evaluation process for components used in multiple industries

- Secure coding – understand best practice when writing code to protect your product

- Advanced awareness – understand network cybersecurity at both the IC and device level

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PRE-EVALUATION

Customized consultation services that support development timeline optimization:

- Technical system development life cycle (SDLC) advisory – enhance your SDLC
- Evidence readiness – pre-assessment preparation, including gap analysis, maturity assessment, product and procedure readiness, etc.

TARA – THREAT ANALYSIS AND RISK ASSESSMENT

TARA reports provide evidence of cybersecurity efficacy to suppliers and regulators. Our solutions include:

- TARA customized workshop – understand the potential threats to your IC or device and the required level of security

- TARA report creation – Brightsight creates your TARA report
- TARA report review – we review your self-created report

WHY CHOOSE SGS BRIGHTSIGHT?

With over 35 years of experience in cybersecurity and a growing global network of specialist testing facilities, Brightsight is the world's number one independent security evaluation service provider for the automotive sector.

We hold the largest number of Common Criteria accreditations in the market and perform 700+ evaluations a year. We understand the market and the technical requirements relevant to your automotive component or device.

Our experts support the streamlining of evaluation criteria into a single assessment process that incorporates all relevant global, regional and vendor requirements – one evaluation, multiple certifications.

Brightsight is your first choice for independent testing and consultancy services when you want to efficiently deliver safe and compliant automotive devices to global markets.

CONTACT US

For more information, please get in touch:

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- ISO 26262
- ISO 24089
- ISO/SAE 21434
- Automotive Standards & Recognitions

- WP.29
- TISAX
- UNR 155
- UNR 156

BRIGHTSIGHT IS PART OF SGS. THE WORLD'S LEADING TESTING, INSPECTION AND CERTIFICATION COMPANY.

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