Empowering Tomorrow's Automotive Software
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Software tool for Threat Analysis & Risk Assessment **ESCRYPT CycurRISK**

Uncover the vulnerable points of your automotive systems

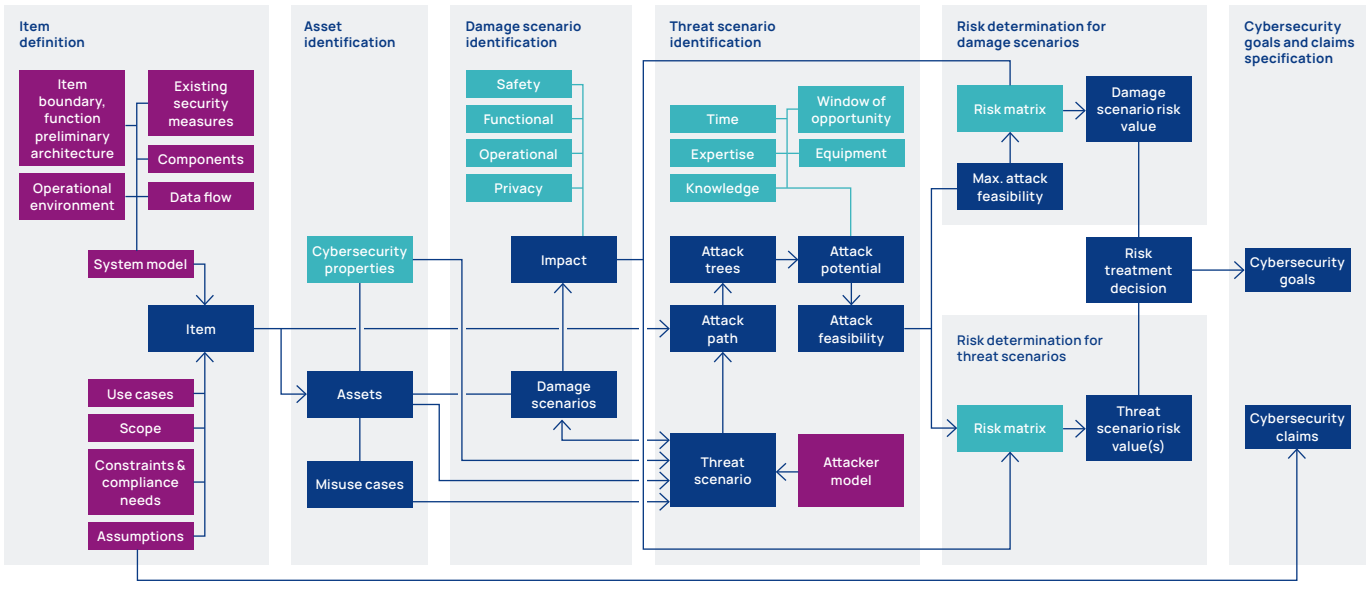
UN R 155 and other international regulations have made a risk-based approach to vehicle architecture development a prerequisite for type approval. In addition, ISO/SAE 21434 sets the framework for the implementation of these guidelines. Threat Analysis and Risk Assessment (TARA) has thus become an indispensable part of automotive system design and development processes.

ESCRYPT CycurRISK is a TARA software tool that helps you uncover and evaluate potential attack surfaces in automotive systems and architectures at an early stage.

ESCRYPT CycurRISK allows you to systematically identify and analyze threats via attack feasibility (based on attack potential) using attack trees. Damage scenarios are used to assess the impact on road users and your business. The tool provides a structured documentation of threat scenarios and risks to a given system.

Thus, this TARA software tool enables you to prioritize risks and countermeasures and to create a security concept that complies with the requirements of security engineering processes, ISO/SAE 21434, and UN R 155.

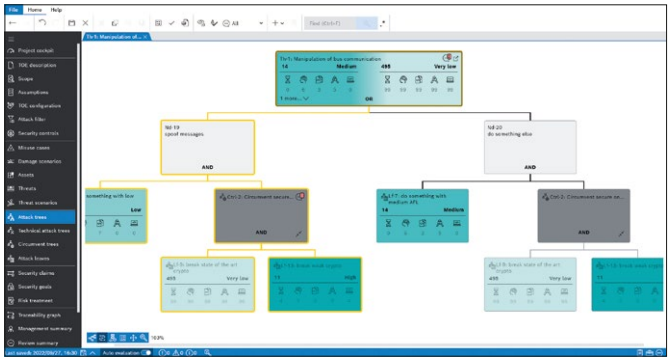
Threat Analysis & Risk Assessment methodology



Features

Creating TARAs efficiently

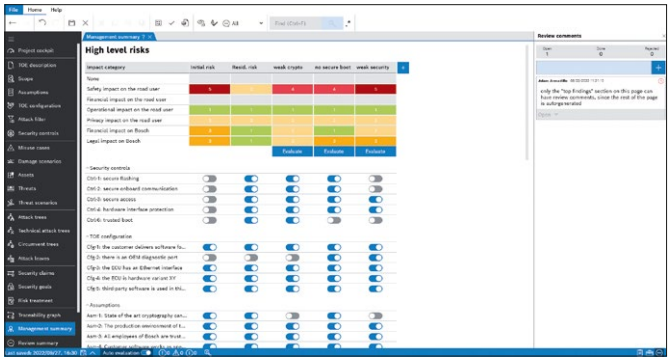
- Workflow-oriented guidance
- User-friendly GUI
- Direct comparison of initial and residual risks
- Automatic management summary
- Integrated attack tree editor
- Support of attack potential method with automatic attack potential computation
- Dedicated mode for reusing TARA
- Sophisticated functionality for variant handling and configuration



Creating attack trees via drag-and-drop in a user-friendly attack tree editor

Working together

- Configurable PDF report generation
- Catalog function for reuse and knowledge sharing
- Collaboration on TARAs on on-premises servers
- Review functionality



Comparing variants of item configuration and security controls to decide on an economical risk treatment

Your benefits with ESCRYPT CycurRISK

- Established tool widely used in the automotive industry
- Professional maintenance and support
- Updates and improvements based on our long-standing experience in automotive security
- Fully compliant with ISO/SAE 21434
- Backed by ETAS security consulting experience and services
- On-premises server hosting
- Fully configurable report templates
- Tool classification according to ISO 26262 available and tool qualification for all use cases for tool confidence level (TCL) 2/3 performed
- Mapping to ISO/SAE 21434 tool requirements available

Are you interested in ETAS products and solutions?
Please write to us at: **info@etas.com**

Further product information:
www.etas.com/CycurRISK

ETAS/COM2_AS/12/2022