THREATGET

The automated solution for threat analysis of networked systems

In an increasingly digital world, where vehicles, industrial plants and critical infrastructures are highly interconnected, cybersecurity has become a key factor in safety, reliability and regulatory compliance. Particularly in the Internet of Things (IoT) and cyber-physical systems, complexity is rising sharply – and so is the number of potential threats. Traditional, purely manual threat assessments are no longer sufficient. THREATGET closes this gap: the solution automates threat analysis, models risks early in the development process and ensures that systems meet "security by design" principles from their inception. With its continuously updated threat database, its integration into the well-established Enterprise Architect modelling platform, and its focus on safety-critical sectors such as automotive, rail, energy and transport infrastructure, THREATGET provides a scalable and efficient foundation for modern cybersecurity engineering.

Quick Facts

- Solution area: **Organisations, Processes, Quality assurance and certification, Technological innovation**
- Administrative level: **State, Federation**
- Solution process: **Digitization and technology, Mobility and transportation, Science and research, Security and defense**
- Technology: **Artificial Intelligence, Information technology, Internet of Things, Networks, Platform technology**

How it works

THREATGET is built on a model-based engineering approach that integrates cybersecurity early in system development. Architectures are modelled in Enterprise Architect and automatically analysed using a curated, continuously updated threat catalogue mapping security elements, attack patterns, and vulnerabilities. Predefined security parameters ensure consistent evaluation, enabling the tool to identify risks, highlight attack scenarios, and recommend mitigations. All risks remain traceable throughout development with standard-compliant reporting. High automation makes analyses repeatable, accurate, and current, while organization-specific threats can be added to extend applicability across safety-critical domains. THREATGET also supports regulatory compliance, including ISO/SAE 21434 and UNECE WP.29.

The Big Picture

THREATGET enables industries to systematically embed cybersecurity from the outset while efficiently meeting compliance requirements. In sectors such as automotive — where software complexity and connectivity continue to grow — structured risk management has become a key competitive factor.

Manufacturers, suppliers, inspection bodies, and infrastructure operators benefit from early risk detection that lowers costs, automated analyses that accelerate development, standard-compliant reports that support certification, and continuously updated threat intelligence that strengthens resilience.

THREATGET also highlights Austria's strength in applied cybersecurity innovation. Combining research expertise with industry requirements, the award-winning "made in Austria" solution sets international benchmarks and is increasingly used across sectors operating safety-critical infrastructure.

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