ESARIS USE CASE

In the Open Telekom Cloud, T-Systems launched a new public cloud solution on the market. It has been designed to be simple and affordable, while fulfilling comprehensive security requirements at the same time.

With this in mind, the ESARIS security standards were incorporated into the product development and implemented in the cloud solution during the design phase. As a result, ESARIS is contributing to the ongoing market success of the Open Telekom Cloud, the first secure public cloud “Made in Germany”.

ESARIS IN FIGURES

- Introduced in 2014
- Nearly ALL T-SYSTEMS EMPLOYEES have already been trained
- Optimizes ALL 26 ITIL PROCESSES
- Clear hierarchy on 5 LEVELS
- Nearly 6,000 PAGES
- Guidelines, concepts and work instructions for 31 SECURITY AREAS

ESARIS

Makes ICT security manageable
Ensures higher quality
Minimizes risks for providers and customers

Are you interested in ESARIS?

Contact us: ESARIS@t-systems.com

ESARIS

Standardization for greater security and quality

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**WHAT IS ESARIS?**

ESARIS minimizes security risks, thus ensuring greater quality.

While a generic enterprise security architecture (ESA) describes the security measures at a company, ESARIS (Enterprise Security Architecture for Reliable ICT Services) refers specifically to the security architecture of ICT service providers.

This comprehensive collection of documents makes the ICT services by T-Systems secure and reliable – from design to operation and enhancements.

The collection includes global guidelines, high-level concepts and specific work instructions for all areas of security management:

- Risk management
- Service management
- Data centers, networks, workplaces

**HOW DOES ESARIS WORK?**

ESARIS makes security simple.

It contains clearly defined rules and detailed instructions at a variety of levels for 31 security areas. The modular, structured approach supports comfortable access to any information. Its activities can be adapted easily to new projects.

**WHY ESARIS?**

ESARIS protects ICT services from start to finish.

In the digital age, data is one of a company’s most important assets. If it falls into the wrong hands, the consequences can be severe: damages can run into the millions, to say nothing of the hit to the company’s image. According to Bitkom, the German IT industry association, data theft, sabotage and digital espionage cost the German economy EUR 51 billion annually. As such, a secure ICT infrastructure is vital to a company’s long-term success.

To efficiently secure its services in the increasingly industrialized world of ICT, T-Systems began developing ESARIS in 2010.

**WHAT DOES ESARIS OFFER?**

- **Simple tender participation:** a comprehensive, proven security concept that can be applied to all companies in all industries.
- **Simplified bid creation:** detailed information on security standards and measures of the provided ICT services.
- **Preventive risk minimization:** collaboration between Sales and Security Management helps to identify risks early on and minimize them with ESARIS guidelines.
- **Smooth process flows:** the integration of IT service management with IT security management prevents many security problems from the very beginning. Other potential issues are solved quickly and systematically.
- **Faster product development:** centrally collected, clearly structured best practice approaches save time and money in the development of new ICT services. At the same time, ESARIS improves their security and with it their quality – as early as the design phase.
- **Efficient audits:** centrally stored, easy to search standards.
- **Guaranteed security:** documentation of vulnerabilities and the patches to correct them, as well as systematic updates of ICT components.
- **Effective problem solving:** the structured library simplifies troubleshooting.
- **Supports industrial production:** foundation for negotiation and contracts with customers and suppliers.