

CYBER SECURITY
We make the
risks manageable



READY FOR A SECURE FUTURE



Thanks to solid expertise

Sometimes the past can explain why you are in a good position to tackle the challenges of the future. In our case, it is our extensive experience in connecting classic IT and embedded systems that we have gathered as part of the ESG Group over many years in system integration projects and, as part of digitisation, have translated into security strategies. This is why today CYOSS is your competent security expert in three trendsetting technology fields.



Product Security

Connected cars and products already suggest that the vision of the Internet of Things will soon become reality. Now with our help, you can take the next step in cyber security as well. CYOSS accompanies you during your product development with a holistic approach, so that your connected product can securely enter the market.



IT Security

The security of corporate and government networks is not just a matter of information technology and infrastructure. From prevention to response to hacker attacks, we ensure that well thought-out security concepts can also be implemented by qualified people.



Industrial Security

The susceptibility of industrial control systems to hacker attacks is steadily increasing as IT and OT (Operational Technology) become more and more connected. As your system partner with knowledge of both technology worlds, we reliably bring together the necessary security measures.

WE PROTECT THE VALUE POTENTIAL OF YOUR DATA

More and more companies are becoming painfully aware of the value of data. In Germany alone, 7 out of 10 organisations have been victim of a cyber incident in recent years.¹

Now you can benefit from the same security expertise that is used by the military. Originating from a long-standing system partner of the German Armed Forces and with our comprehensive range of services in prevention, detection and response, we form – together with our partner RadarServices – a powerful unit for your lasting protection.

Prevention

End-to-end security management is necessary to be able to proactively eliminate vulnerabilities. We look at physical security as well as system security. And not just within the IT infrastructure. We also keep an eye on the opening up of corporate networks for mobile access for employees, cloud concepts and embedded systems. And we do this with a forward-thinking approach: Industry 4.0 and connected mobility – we include industrial control systems (Operational Technology – OT) in the cyber security strategy.

Detection & Response

Detect attacks in time and minimise potential damage – nowadays technology alone is no longer enough to meet this challenge. It is also necessary to monitor the technology and also train and qualify employees in processes, detection and response. Rely on our holistic approach: CYOSS strengthens competencies with an extremely realistic training experience. And our partner RadarServices provides continuous risk monitoring and an early warning system for attacks on your IT as a solution or as managed services.

1) Source: Cyber Security survey 2017 by BSI



PREVENTION

Our Services

Security Analysis

Objectively and systematically we create an overview of your current security level:

- » Information Security Check (1 to 2 days)
- » Information Security Audit (1 to 14 days)

Security Design

In the design phase of connected products and systems, we effectively apply our long-standing experience in systems engineering for the automotive and aerospace industries:

- » Security concepts from structure analysis to checking measures
- » System hardening by implementing security measures
- » Validation with penetration tests to check effectiveness

Security Testing

Do your embedded systems, IT backends, software products or data centers have vulnerabilities that need to be eliminated? We lead empirically to certainty:

- » Manual penetration tests and/or use of automated scanners
- » Static/dynamic code analysis
- » Analysis, simulation and testing of networks, concepts and technologies

Secure Operation

We look very closely at data centers, with a particular focus on security, sustainability and cost-effectiveness:

- » On-site analyses with recommendations for action
- » Concepts (technical, operational, business continuity management, disaster recovery, guidelines)
- » Implementation of measures

Secure Hosting

Our data center experts focus daily on maximum availability, security and cost-effectiveness. Benefit from our core competence:

- » We ensure the operation of your data center on-site or remote
- » We host your IT environment in our highly secure data center (certified to ISO 27001 and ISO 9001)

DETECTION & RESPONSE



Our Services

Cyber Simulation & Training Center

How do your IT security staff react under pressure? And how fast do the latest protective measures work? In our highly modern simulation center, emergency situations become tangible: The live experience under deceptively real conditions provides crucial training and specifically strengthens skills:

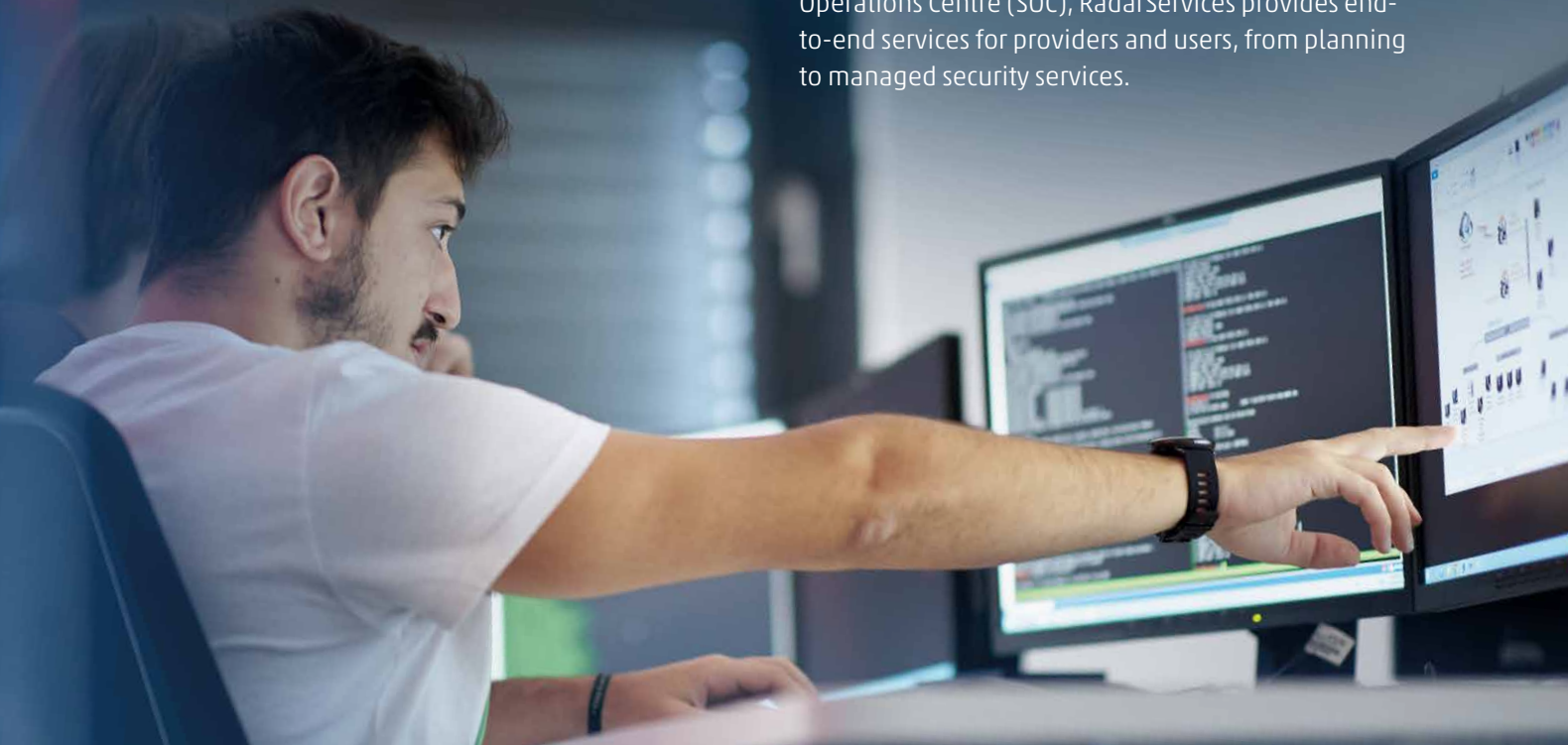
- » Cyber defence trainings for specialists
- » Security trainings for IT staff
- » Awareness trainings for all staff

SOC Empowerment Services

Radarservices systematically promote the development and expansion of your internal SOC team. They implement their leading cyber security detection technology, adapt the RadarPlatform to the specific needs of your SOC team and provide specific training.

Managed Security Services

The RadarPlatform is the leading cyber security detection technology made in Europe. To effectively protect corporate assets with a state-of-the-art Security Operations Centre (SOC), Radarservices provides end-to-end services for providers and users, from planning to managed security services.



CYOSS

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