



**CYBER
SIMULATION & TRAINING**

We do all that is
humanly possible for
your protection

LIVE AND INFORMATIVE

Despite all technical protective measures, humans still play the leading role in the prevention and detection of cyber attacks. They are after all responsible for making the right decisions when defending and responding to them. We train the necessary skills with highly effective experiences in our realistic simulation environment.

„Great team imparts its diverse experience!“

„Very well prepared and executed in a super environment“

– Bundeswehr Center for Cyber Security

Benefit from our decades of experience in the use of complex simulation technology for training and testing in the automotive and aerospace industries. The CYOSS Cyber Simulation & Training Center has state-of-the-art cyber simulation technology that has already proved its worth in an international environment and a variety of sectors. We replicate IT infrastructures with standard security technologies and challenge your IT professionals with fully automated attacks in intensive trainings under realistic conditions. Your staff gain valuable practical experience without risking their own infrastructure. And we make and keep you fit for real-life emergencies.

Customised training – when and where you need it

Train in our Center in the heart of Munich. Or via remote access we can bring our simulation to the location of your choice. We cater to your individual requirements - and can even replicate your own IT network.

CYBER DEFENCE TRAINING

Incident Detection & Response



We train IT administrators, (prospective) SOC/CERT/CSIRT and IT security staff in the detection and defence of attacks with high intensity in two stages.

BASIC (5 days)

Initial training for the following skills:

- » Find anomalies
- » Detect cyber attacks
- » Use IT security tools efficiently
- » Track, isolate and analyse attacker actions in the network
- » Measures to restore normal operation
- » Document incidents and measures
- » Efficient teamwork

ADVANCED (5 days)

The next level for experienced participants:

- » Learn about a wider range of attacks in more detail
- » Counteract complex attacks with appropriate countermeasures
- » Further develop teamwork skills in complex attack situations

Book your training course with us – either in our Center in Munich or, if required, at your location.

More info:

cyoss.com/en/training



YOUR REQUIREMENTS



Train as a team

Train and optimise your communication and decision-making processes in simulation-supported exercises at CYOSS in Munich or at your location.

Team Exercise

In this cyber defence exercise your team (IT administrators, SOC/CERT/CSIRT and IT security staff) tests, trains and optimises joint processes to successfully manage cyber attacks. This enhances interdisciplinary teamwork at time-critical moments.

Enterprise Exercise

Train how to manage cyber attacks simultaneously at the responder level (IT department/CERT/SOC) and the management level (crisis management group, business continuity management, emergency coordinators). In this cross-department cyber defence exercise your IT security experts are confronted with realistic cyber attacks while the management level has to respond to the situation and make appropriate decisions. This exercise is particularly suitable for testing and training cross-level communication efficiently.





Highly successful learning curve with a low time and cost factor

A variety of different scenarios and attack methods are available at the touch of a button. As a result, training courses and exercises can be carried out with minimal time investment. Highly realistic simulations make it easy for you to quickly understand and handle even the most complex attack scenarios. Extensive analysis functions are available for transparent evaluations.

Authentic environment

To optimise your trainings and tests even further, we can integrate customer-specific IT networks into the simulation environment.

Real components, such as industrial control system components (SCADA) and IT security tools (SIEM, firewalls etc.), can also be integrated. By simulating current attack methods, the possible consequences of these attacks for IT and business operations as well as the effects of countermeasures can be demonstrated.

YOUR REQUIREMENTS are our job



Testing

Our secure simulation environment provides an optimal testing zone, where we can investigate network weaknesses and the effects of cyber attacks risk-free. On request, you can test the performance of security tools, verify and further develop your IT security concepts in your replicated network.

Complete system

Train your IT security experts in your own Cyber Simulation Center. We set up your training environment on-site as a complete package. With the help of our cyber simulation technology experts you can apply the most advanced training methods in the market.

Blue Team Challenge

Motivate your IT specialists to achieve maximum performance at the location of your choice. Use our demonstrator to host your own competitive experience and learn more about optimal defence strategies.

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