



CS\_REFERENCE REPORT

# pioneering work for Hewlett-Packard

ConSecur accompanies HP in setting up its Cyber Defense Centre in Palo Alto

**ConSecur**

[security and consulting]

# Establishment Cyber Defense Center at HP in Palo Alto

*„The know-how in the own house is crucial for the agility companies adjust to threats.“*

**TAMMO OEPKES –  
SENIOR CONSULTANT  
CYBER DEFENSE**



# Know-how of the ConSecur GmbH

Hewlett Packard sets new standards in the cyber defense. Der IT-group secures its global IT-infra-structure with a state-of-the-art Cyber Defense Center (CDC) in Palo Alto against external and internal cyber attacks. The CDC is also a think tank that will continue to innovate for a safer digital-

world. For the establishment of the Cyber Defense Centre, HP relied on the know-how of ConSecur GmbH, which has also developed standards for the selection and training of IT security analysts in a 15-months project.



*The HP-headquarter in Palo Alto*

## Distiguish legitimate processes of IT-Infrastruktur cyber attacks

Cyber Defense Analysts have the task to distinguish legitimate cyber attacks from the mass of information that treats the entire global HP network: With the HP own „Security Information and Event Management (SIEM)“-solution HP ArcSight ESM identifizieren die IT-Security-Analysten Anomalien, indem sie relevante Daten korrelieren und analysieren.

The global infrastructure of Hewlett-Packard is powerful. Worldwide the company has locations in 170 countries, 330,000 employees. Systems communicate daily with each other in various ways as well as with customers and external partners. The amount of operations, that is generated daily within the worldwide HP IT infrastructure, is immense.

# Show case Cyber Defense Centre

The Cyber Defense Centre is also of strategic importance to HP beyond detecting and responding to cyberattacks. As provider of security services and products, the CDC is also the technological showroom for modern information security made by

Hewlett Packard. HP will demonstrate to clients and visitors at the corporate headquarters in Palo Alto how inhouse products and solutions work together to ensure the highest levels of information security.

*„Due to the very good training programme offered by ConSecur, our analysts work on a consistently high quality level. In close collaboration, we have achieved the goals we have set ourselves in the shortest possible time.“*



**MARCEL HOFFMANN, SR. MANAGER,  
CYBER DEFENSE CENTRE,  
HEWLETT-PACKARD COMPANY**





## Gaining heads for the Cyber Defense Centre

In the Cyber Defense Centre, 16 job vacancies had to be filled with analysts within a very short time. Therefore, the recruitment of suitable people had the highest priority. Because there was no classic IT security analyst training, ConSecur developed a methodology to identify suitable candidates, which includes recruitment criteria for security analysts and defines an objective rating scheme.

The ConSecur consultants Enrico Hartema, Guido Steentjes, Stephan Illic and Tammo Oepkes, who have been in teams of two in Palo Alto, have thus created a valid decision making basis for hiring suitable employees and pioneered employee training.

Anyone working at HP's Cyber Defense Centre has key skills such as strong analytical thinking and high problem-solving skills. „An IT background is not a recruitment criterion,“ explains Tammo Oepkes. Today, HP's Cyber Defense Centre includes a trained marine biologist and a former Apple product vendor. „Both bring a long the qualities that characterize an IT security analyst, „according to Stephan Illic.

## Training content for IT security analysts developed

ConSecur developed training content for the qualification of IT security analysts, training them for their daily work in the Cyber Defense Centre. This multi-month ConSecur training included basis work such as technical basics, communication training and „hacking events“ where analysts took the attacker's position.

Methodology and analytics were the second focus on the training, in which ConSecur also instructed IT security analysts on threat intelligence. In this analytical approach, information and data are evaluated outside of one's own company, for example, from relevant cybercrime forums or published analysis of attacks on other organizations.

Threat Intelligence is a basis for identifying future threats and, if possible, warding them off in advance.

# ConSecur

**[security and consulting]**

ConSecur GmbH  
Nödiker Straße 118  
49716 Meppen

TEL.: +49 5931 9224-0  
info@ConSecur.de  
**www.ConSecur.de**