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Rohde & Schwarz Cybersecurity

# SECURING WEB APPLICATIONS

The Bosch Group relies on R&S® Web Application Firewall

**ROHDE & SCHWARZ**

Make ideas real





Image: © Bosch



# BOSCH

Technik fürs Leben

Web applications have become an indispensable part of our everyday lives. This also applies to companies. Particularly in the case of internationally operating companies, web applications are crucial for business processes and ultimately for success.

People communicate with each other and exchange data across the globe via applications such as Skype for Business or SAP. At the same time, unprotected web applications provide a gateway for attackers.

**“R&S®Web Application Firewall impressed us so much in this use case that we selected it as the global web application firewall solution for the Bosch Group in 2019.”**

Claus-Dieter Bali,  
Network Security Engineer at the Bosch Group

The example of the Bosch Group shows how companies can securely protect their web applications and web services. Currently, around 200 web applications such as Skype for Business, SAP as well as various specific applications are used for internal and external business processes in everyday business. Claus Dieter Bali, Network Security Engineer at the Bosch Group, faces the challenge of protecting these applications accordingly.

### Securely protecting web applications against OWASP attacks

The Open Web Application Security Project (OWASP) is a non-profit organization with the goal of improving the security of applications and services on the World Wide Web. The OWASP Top 10 is a regularly updated report that outlines security concerns for web application security and focuses on the 10 most critical risks. The report is produced by a team of security experts from around the world.

“We were looking for a solution that primarily protects against OWASP attacks on application layer 7,” explains Claus Dieter Bali. “Already in 2017, R&S®Web Application Firewall was implemented by our business unit Robert Bosch Hausgeräte GmbH in Germany. One use case is the protection of our ERP application. This web application is accessed from mobile devices by our service personnel on site during repair missions. This enables them to call up spare parts inventories and place the necessary orders. R&S®Web Application Firewall impressed us so much in this use case that we selected it as the global web application firewall solution for the Bosch Group in 2019.”

Due to the increasing use of web applications and the simultaneous rise in attack scenarios on application layer 7, R&S®Web Application Firewall is being used as an on-premises solution at three additional locations outside Germany.

### Comprehensive protection for international web application firewall ecosystems

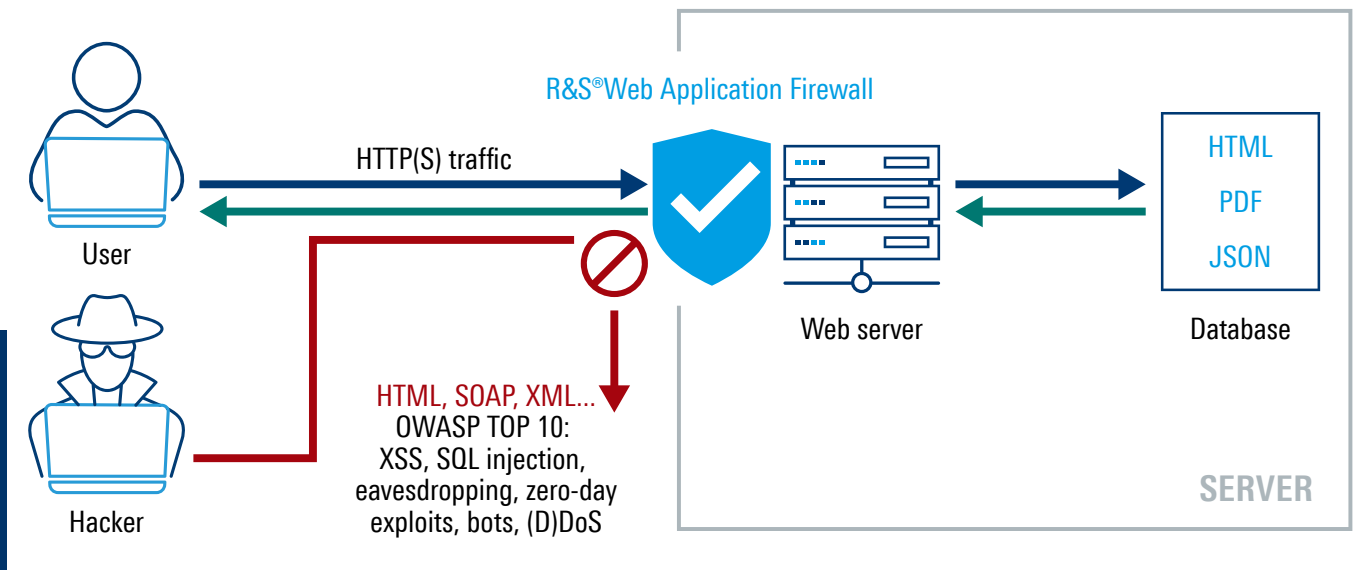
“The central management is optimal for administering our global on-premises installations in the data centers. In addition, the flexible and simple rule creation using workflows is convincing,” reports Claus Dieter Bali. Today, the Bosch Group works with around 200 applications – and the number is growing.

In addition to the location in Germany, the Bosch Group’s international web application firewall ecosystem maintains instances in America and Asia. And also in the global application, R&S®Web Application Firewall is convincing in its protection against possible attacks. “In terms of operation and administration, the product offers precisely the options we were looking for regarding our international web application firewall ecosystem. In addition, the product impresses with its intuitive usability and high flexibility,” emphasizes Claus Dieter Bali.

R&S®Web Application Firewall protects business-critical web applications against insider threats, known and unknown attacks and is the indispensable security solution for companies and public authorities. It fulfills specific requirements of the development and infrastructure environments and security policies.”

### BOSCH GROUP

The Bosch Group comprises Robert Bosch GmbH and its approximately 460 subsidiaries and regional companies in more than 60 countries. Including trade and service partners, Bosch’s global manufacturing, development, and sales network extends to almost every country in the world. Bosch employs some 68,700 associates in research and development at around 130 locations worldwide. Within the Bosch Group, the use of web applications is growing rapidly.



#### R&S®Web Application Firewall

Effective security against a multitude of attacks.

## Service that adds value

- ▶ Worldwide
- ▶ Local and personalized
- ▶ Customized and flexible
- ▶ Uncompromising quality
- ▶ Long-term dependability

## Rohde & Schwarz Cybersecurity

Rohde & Schwarz Cybersecurity is a leading IT security company that protects the digital assets of companies and public institutions worldwide from cyberattacks. The IT security expert offers innovative data security solutions for cloud environments, enhanced security for websites, web applications and web services as well as network encryption and endpoint security. The trusted security solutions are developed according to the security-by-design approach and proactively prevent cyberattacks.

## Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, monitoring and network testing. Founded more than 80 years ago, the independent company which is headquartered in Munich, Germany, has an extensive sales and service network with locations in more than 70 countries.

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PD 3608.7896.32 | Version 01.01 | April 2021 (sch)

Securing web applications

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