



## WEB APPLICATION PENETRATIONTEST



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OFFENSIVE DEFENSE

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### **Project 87487 – Security Assessment BKMS® System, Version 3.1.70**

The application security of the BKMS® System has been thoroughly assessed by Compass Security Deutschland GmbH, which was contracted to perform an external web application penetration test in March 2021.

The objective of the penetration test was to identify security vulnerabilities and to provide an overview of the threats posed by external attackers and malicious users. Both manual and automated approach to web application penetration testing was used and the methodologies used by Compass Security are in full accordance with industry best practices including, but not limited to OWASP and SANS.

During testing, security analysts from Compass Security utilized multiple commercial and open source security tools, custom scripts, and manual validation techniques in order to evaluate the potential threat posed against the implemented application architecture. Overall, the scope of the engagement covered at least the testing of authentication, authorization, session management, use of encryption, use of local storage, information leakage, input validation and data sanitization, application logic, and server level configurations.

Based on the results of the recheck, performed in December 2021, Compass Security certifies that the BKMS® System version 3.1.70 has no critical or high risk vulnerabilities. Business Keeper also has adequate compensating controls in place to protect against the vulnerabilities mentioned in the OWASP and SANS list of vulnerabilities.

Regards,

Compass Security Deutschland GmbH

  
Jan-Tilo Kirchhoff  
Managing Director