



## Business Security made in Germany CodeProfiler protects SAP®

### SAP® LICENSES VIRTUAL FORGE CODEPROFILER

Aiming to expand the quality assurance of SAP® software enhancements, SAP® has now licensed the testing software CodeProfiler, developed by the ABAP™ programming language security specialist, Virtual Forge. This is the first solution on the market that is designed for static analysis of ABAP™ applications with a specific focus on security and compliance tests. CodeProfiler offers SAP® customers that have developed their own ABAP™ code, extensive quality assurance. The development divisions of SAP® – the ABAP™ inventors – employ this tool amongst other quality assurance tools. Based on data and control flow analysis, CodeProfiler delivers reliable test results within a short period of time. The tool analyzes up to 5.000 lines of source code per second. Thus, even tests of extensive software applications are possible at any time.

### CODEPROFILER ENSURES QUALITY

Dr. Gunter Bitz, responsible for Quality Assurance at SAP®, exemplifies: “CodeProfiler is a valuable tool for quality assurance. This is why SAP® internally employs it ancillary to SAP®’s own tool ‘Checkman’. With CodeProfiler, SAP® customers can systematically check the entire ABAP™ source code of their self-developed code for security and compliance weaknesses. For security tests, complete coverage is important, as an intruder can infiltrate a system through one single weak point. This tool is an excellent supplement to existing security testing methods available today.”

### CODEPROFILER AS A STANDARD FOR SECURE DEVELOPMENT

SAP® Executive Board Member Gerhard Oswald amends: “Security is important to us and to our customers. It’s good to see that our trusted partner Virtual Forge provides a tool for security test automation. Now all our customers can establish a baseline security level in their ABAP™ code.”

### OUR MISSION: SECURITY AND COMPLIANCE

We enable our customers to build, run and maintain custom SAP® applications that meet Security and Compliance requirements.

Our expertise covers the entire SAP® development lifecycle. We analyze processes, guidelines and coding practices. Subsequently, we help our customers to close and avoid any identified gaps. As a result, our customers can build secure and compliant custom SAP® code in a very cost efficient manner.

### VIRTUAL FORGE – THE EXPERTS FOR SECURE ABAP™



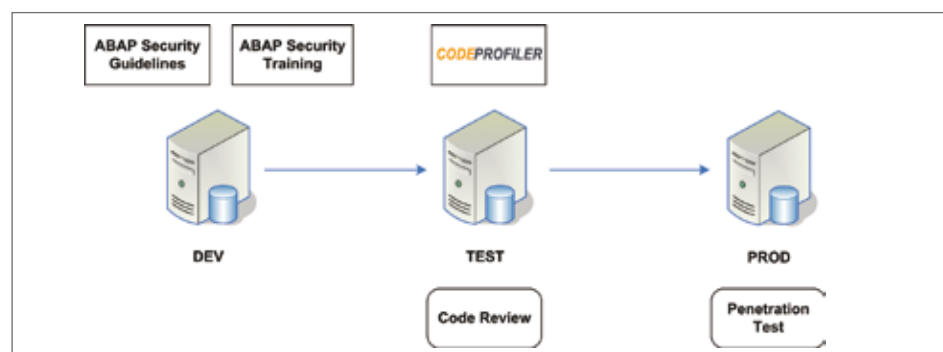


## Business Security made in Germany SAP® Software. Simply Secure.

### ABOUT US: THE EXPERTS FOR SECURE ABAP™

Virtual Forge is an independent application security and research company based in Heidelberg, Germany. Our employees are leading security experts in the SAP® application security field. Based on their unique specialist knowledge, the worldwide first tool for static code analysis and compliance tests in ABAP™ environments – the CodeProfiler – was born. Our solutions are applied in all industries, from defense, pharma, banking, automotive, oil & gas, engineering, health care and insurance, through to agriculture. We also work with renowned independent software vendors.

### SERVICES & PRODUCTS



Our services and products cover every aspect of custom ABAP™ development, and ensure that business applications comply with the highest security and compliance requirements.

### OUR CORE OFFER IS THE CODEPROFILER

- The first ABAP™ Scanner on the market for tests on security, compliance, performance and code quality.
- Data and control flow analysis leads to reliable results.
- SAP® employs CodeProfiler for internal QA and also recommends it to SAP® customers.

### OUR ABAP™ SECURITY GUIDELINES & SPECIFICATIONS

- ... define the standard:
- Unique ABAP™ Security know-how from the authors of the book „Sichere ABAP™ Programmierung“ (SAP Press)

### WE TRANSFER KNOWLEDGE: ABAP™ SECURITY TRAINING

- Demonstration of weaknesses based on tangible examples and depiction of programming practices for secure ABAP™ developments.
- We are part of the SAP® curriculum in Germany and Switzerland (WDESA3).