



Worksoft Certify Performance Test™ is a script-less load and stress testing product specifically designed for SAP® applications.

To learn more about Certify Performance Test™ and Worksoft's automated functional testing solutions, visit www.worksoft.com or call 1.866.836.1773.

WORKSOFT®

Certify Performance Test™

SAP® applications are in a constant state of change. Every company is continually refining business processes, launching new products and services, complying with regulations and industry standards and from time to time, acquiring or merging with another business. Additionally, SAP introduces changes multiple times a year via service packs, enhancement packs, upgrades and new modules.

For each of these changes, you must not only assure that your business processes will continue uninterrupted, but that system performance will either improve or at least remain unaffected. Degradation in user response time can waste precious time and create user frustration. Reduction in transaction throughput can impair overall operating efficiency throughout the entire enterprise and supply chain, even to the point of compromising system availability and stability.

Historical Challenges to Performance Testing

Performance testing is not new to the SAP world. Various solutions have existed since the early days of SAP R/3, but what was evident from these solutions, was the significant amount of time and resources required to perform performance testing. Traditional performance testing solutions were typically abandoned due to these challenges:

- Cryptic scripting and custom coding that required costly, specialized skills
- Intricate data manipulation that was hard to configure and usually required programming
- Focus on complex graphs and reports that overlooked the root-cause data
- Complex implementations that consumed additional time and resources.

The net effect of this complexity was that most organizations did not include performance testing as part of their on-going, regular test activities.

Certify Performance Test™

Worksoft Certify Performance Test introduces an intuitive yet powerful approach to assuring your SAP applications operate efficiently and reliably before you launch any change into production. It is built within the SAP landscape so that it is instantly familiar to users, allowing them to build a performance test without writing a single line of code. It automatically creates data dependencies and leverages existing SAP data sources between business transactions without the need to create any external data spreadsheets or perform any programming activities.

Performance Testing Built In SAP

Certify Performance Test™ is built within the SAP landscape so the user interface will be instantly familiar and provides a quick learning curve for both business users and IT users. Anyone who is familiar with the SAP GUI can define an SAP load test in the time it takes to execute the business process.

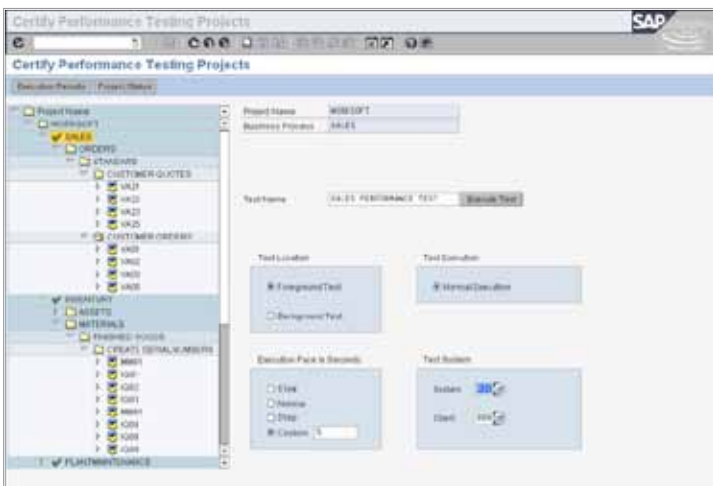
No Coding with Certify Performance Test

Certify Performance Test doesn't require custom coding or custom scripts to be developed. There are no scripts to write, no external script repositories, and no importing/exporting from external spreadsheets. It allows an SAP performance test to be recorded without writing a single line of code.

Integrated Data Repository

Certify Performance Test uses SAP as the data repository and leverages existing data collection and BASIS knowledge by integrating with CCMS. Comparison tests may be run to validate tuning activities while data dependencies are automatically managed between SAP transactions. In situations where data is needed to populate a SAP transaction, Certify Performance Test™ allows you to select information directly from the SAP tables, avoiding the need to refer to external data files.

Figure 1 – Performance tests are stored within the SAP landscape and then organized into a business process:



Accelerated Time to Value

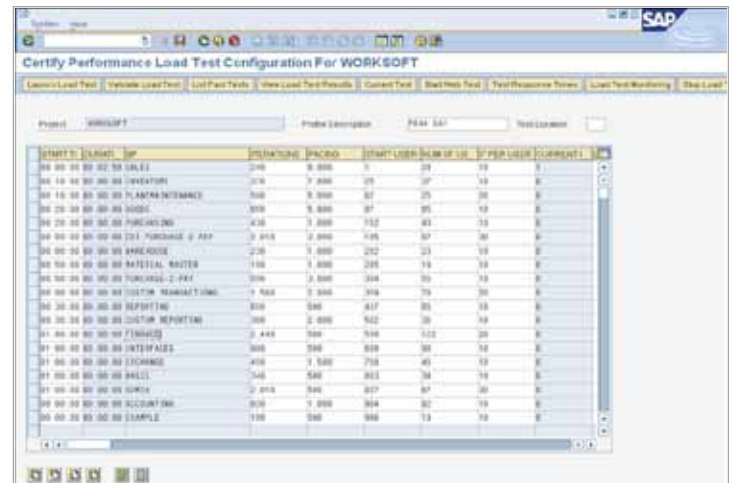
Certify Performance Test was designed to deliver results with little upfront configuration and little to no training. Certify Performance Test includes an intuitive interface that can be used in conjunction with Worksoft Certify® to provide an integrated solution that spans both functional and performance testing for SAP applications.

Relevant Information and Reports

Analyzing results is as simple as reviewing the key metrics that are captured by SAP via CCMS. Worksoft Certify Performance Test™ leverages the performance data that is automatically captured by

SAP. There is no need to install yet another monitoring solution or any other dependencies. Reported information includes infrastructure metrics, along with key internal SAP data points such as response time, dialogs, enqueues, etc.

Figure 2 – Simulating thousands of SAP users using a simplified scheduler:



Key Benefits

Worksoft Certify Performance Test introduces a brand new approach to performance testing SAP applications that overcomes the historical challenges associated with load and stress testing. Key benefits of the Worksoft solution include:

- Built within the SAP landscape and intended for all types of SAP users.
- Leverages your existing SAP business processes, transactions and data to simulate thousands of users.
- Requires 75% less time and resources than traditional solutions.
- Improves end-user responses times, application availability and overall reliability of SAP landscapes.
- Certify Performance Test™ can be integrated with Worksoft Certify® to provide a comprehensive test automation solution that spans functional and performance testing for SAP applications.

Supported Platforms

Worksoft Certify Performance Test™ supports:

- SAP GUI including the SAP ERP application
- SAP NetWeaver technology platform and SAP NetWeaver Portal
- Business intelligence solutions, SAP NetWeaver Business Warehouse, SAP CRM, SAP Advance Planning & Optimization (SAP APO)
- SAP Business Suite 7
- EDI / RFC Interfaces