Certify® is the industry's first automated codeless testing solution built specifically for nontechnical users to test end-to-end business processes at enterprise scale. Built to test complex processes that span multiple applications and integrate into modern-day DevOps tool chains, Certify ensures that not only your software works but that your business works.

**Challenge:**
In today's digital world, organizations need to be built for change. In the enterprise application space, testing can take up to 60% of the software release cycle. To accelerate releases, companies need to adopt test automation solutions. Due to the complexity and the need to drive tests via a GUI, automating testing for enterprise applications like SAP has been historically difficult and costly. Legacy code-based test automation tools require specialized skills, produce brittle tests, and require extensive maintenance. Manual testing was easier but because of compressing delivery timelines, is no longer a viable option. Fortunately, there is a better way.

**Solution:**
Automation in Worksoft Certify is built using the patented Object Action Framework. This framework effectively models the application under test as a series of pages containing GUI objects and test steps, performing actions against those objects. Certify easily handles dynamic input, process flows, and the variations common to any business process.

Certify automates the testing of your exact business processes across all your enterprise applications, including Salesforce, Oracle, SAP, Ariba, Workday, SuccessFactors, Siebel, Manhattan, ServiceNow, and many others. This happens seamlessly and as fast as the underlying applications can operate, so you can validate business processes in record time with perfect reliability and consistency.

The automation generated by Certify is so “lifelike” that it can be used to create robotic process automation. Existing Certify scripts can be edited to include live connections to business systems or even Microsoft Word and Excel. These scripts can then be run from a user’s desktop to perform the business function, eliminating both human labor and human error.

**Who It’s Designed For:**
Business analysts, application architects, change management teams, QA teams, and test operations teams

**Benefits:**
- **Speed** – Accelerate innovation by automating 80% or more of tests
- **Savings** – A 60% to 80% reduction in overall testing and maintenance costs
- **Confidence** – A 60% reduction in production defects
- **DevOps Ready** – Run tests as part of a continuous integration, a continuous testing, or a continuous delivery cycle
- **Enable Digital Labor** – Transform test scripts into robotic process automation

**Features:**
- **Live Touch** – Graphically edit and update tests without code
- **No “Fail” Tests** – See fail validations flagged as the end-to-end test continues
- **Process Compare** – Graphically view tests side by side, and remove redundant tests to reduce maintenance
- **Exploratory Testing** – Automate exploratory tests in real time
- **API Testing** – Leverage existing SoapUI tests and virtual services
- **Test Data Generator** – Extract data from SAP for testing
- **Master Content** – Use over 300 prebuilt SAP end-to-end testing scenarios
- **Full Compatibility** – Web, Java, .Net, client/server applications, SAP GUI, FIORI, web portal, Workday, Salesforce.com, ServiceNow, Ariba, SuccessFactors, Hybris, AJAX, and many others
### Key Differentiators:

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<th>Easy to Use</th>
<th>Easy to Maintain</th>
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<td>Users simply perform normal activities on mobile applications, desktops, mainframes, or tablets. Certify captures the process and handles the rest, automatically allowing for variations in business processes without the need to write or edit code. Best of all, complex, real-world test execution scenarios are handled with ease, allowing for conditional logic, timing delays, and database lookups to be handled automatically with no coding, scripting, or compiling.</td>
<td>Worksoft Certify is built to handle dynamic decision-making at runtime without the need to create multiple tests. Fewer tests means lower maintenance, directly impacting total cost of ownership for your enterprise landscape. The object action framework decouples the user’s test actions from the underlying technology. This decoupling means that changes in the application technology do not break your test, the object definition is updated, and your user actions still work.</td>
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<th>Easy to Integrate</th>
<th>Easy to Scale</th>
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<td>Certify seamlessly integrates with many application life cycle management (ALM) solutions—including HP QC, RQM, SAP Solution Manager, and others—where validation results are easily reported using familiar solutions in conjunction with other technologies. Worksoft Certify also offers robust integrations with ticketing systems. With one click, defects can be entered in JIRA, ServiceNow, or Excel. In modern DevOps tool chains, Certify processes can be run from CI (build) and CD (deploy) services, allowing Certify to pass or fail a build or deployment.</td>
<td>Certify offers unprecedented levels of scalability and speed of execution that no other automation provider can match. Certify provides a command line ability to execute tests that can be exploited by Jenkins and other like tools. Any tool that can run a batch file remotely can run Certify. Certify is used today by enterprises of all sizes to validate hundreds of end-to-end business processes with hundreds of thousands of individual business process steps daily.</td>
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### Certify Product Family:

**Worksoft Business Process Procedure (BPP)**

BPP is a web-based solution for generating comprehensive business process documentation that can be used to satisfy demands for generating and maintaining accurate compliance and audit documentation of critical business processes.

**Worksoft Execution Manager**

Worksoft Execution Manager gives users the control to schedule and run Worksoft Certify tests whenever they want at scale across multiple devices simultaneously and to enable continuous testing.

**Worksoft Impact for SAP**

Worksoft Impact enables automatic identification of the key system components affected by SAP transports to help quickly determine critically impacted transactions, evaluate existing test coverage, and identify test coverage gaps.

### About Worksoft, Inc.

Worksoft® is a leading global provider of automation software for high-velocity business process testing and discovery. Enterprises worldwide use Worksoft intelligent automation to innovate faster, lower technology risk, reduce costs, improve quality, and deeply understand their real end-to-end business processes. Global 5000 companies across all industries choose Worksoft for high speed process discovery and functional testing of digital, web, cloud, mobile, big data, and dozens of enterprise applications, including SAP®, Oracle, and Salesforce.com.

For more information, contact Worksoft at info@worksoft.com or visit www.worksoft.com.