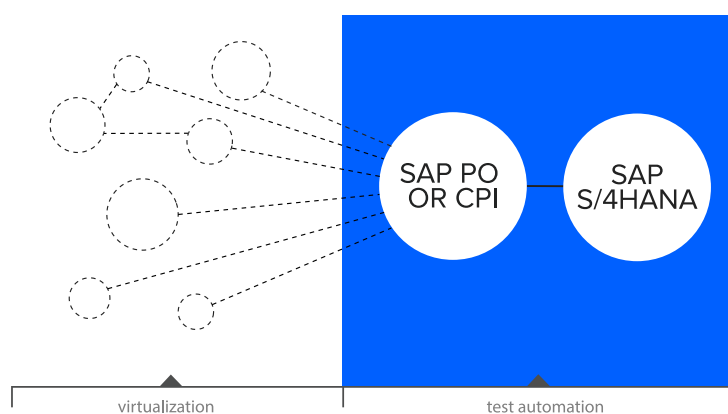# INT4 APITESTER

Int4 APITester presents a contemporary approach to testing integrated business processes. It combines specific virtualization features and massive automated testing with validation into one tool.

Int4 APITester uses the Automation Object concept that allows for configuration reuse. For example – a single configuration for incoming sales orders allows for massive testing of thousands of test cases.

Int4 APITester also allows for backend data validation. In short, you can validate the business documents that get created in reaction to other test steps, be it EDI messages, IDocs, proxy calls, or even from the execution of a user interface test script. Database validation is configurable and allows for testing standard SAP business documents and any extensions made to those, including Z-fields and Z-tables.

virtualization | test automation

Int4 APITester works extremely well with major UI testing tools, in order to enable effortless e2e testing of integrated processes. Now you can validate integration steps like incoming orders or outgoing invoices, even for processes that require additional manual steps during the test.

Want to test your order flow up to validate the EDI invoice? Let Int4 API Tester handle the message validation and call out eCATT (or another tool) to execute the picking and invoicing steps. Thanks to automation, such a test will only take minutes to execute, producing a fully traceable, audit-quality report for your change control process.

While being an API testing tool, **Int4 APITester** exposes several APIs for managing test case execution and accessing test execution reports. This allows for the triggering of API tests from external tools – it could be from other test or test management tools, or from any CI/CD pipeline tool. It's never been simpler to validate thousands of sales orders automatically, without having anybody actually log into the test systems.

Int4 APITester features

Validation
of business documents created in SAP system***

Validation
of business documents in other systems via API calls****

Rule-based
configurable engine for data validation, with support for data mapping

Integration
with UI testing tools for the execution of complex business processes

Background execution
of testing jobs, with reports delivered to Your mailbox

Automated
creation of test cases based on captured messages

Data security
scramble or mask business-critical and personal data

Automated
mass capture of business messages from production systems, using a Robotic Crawler

Extensive interaction
API for integration with CI/CD pipeline and external test management tools

Automated
mass test execution

Validation
of message routing, mapping, and translation

Flexible message
validation rules, with multiple configuration options

Customizable
business message changes to carter for differences between environments

Audit quality
of test reports, with the ability to fully back-trace test execution and proof of validation

Scales easily
to millions of test cases

Supported UI testing tools

▶ Tricentis Tosca

▶ TTA

(Tricentis Test automation for SAP)

▶ Worksoft

▶ Microfocus UFT

▶ UI Path

▶ Selenium

▶ SAP eCATT

Supported Integration Platforms

▶ SAP PI/PO - full support for 7.31 and above; limited support for 7.1 and ABAP stack

▶ SAP Integration Suite

▶ SAP API Management

▶ Boomi

▶ WebMethods**

▶ Azure Integration Suite**

**Additional product customizations needed for implementation.
***Limited to ABAP based SAP systems
****Depending on the capabilities of the system