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Sagitec Accelerators
Sagitec Test Studio™ (STS)

Many state and local government agencies choose to implement line-of-business (LOB) software packages to modernize their operations, achieve operational efficiency and engage constituents. Like organization-wide enterprise resource planning (ERP) packages, LOB software contains a large number of integrated technical and functional capabilities. More often than not, LOB software requires customization to integrate with other systems, implement unique and complex policies and achieve strategic goals.

Over time, this customization combined with layers of upgrades and enhancements can make the LOB software difficult and costly to maintain and support. Data suggests that some state and local agencies spend as much as 10% of the total implementation cost every year to maintain and support their LOB solutions. Given that a substantial portion of the total cost of the LOB-system occurs in the post-implementation phase, maintenance and support (M&S) should be a significant consideration in selecting LOB software.

Sagitec's approach to LOB software is predicated on separating technology (framework) and business functionality so that each layer can evolve independently without affecting each other. This approach reduces implementation timeliness, lowers cost of ownership, and speeds the pace of technology evolution.

Regression Testing Simplified

The Sagitec Test Studio™ (STS) is designed with a goal to reduce the number of test cases to be run manually thereby reducing overall time of development cycles that require execution of same test suites repeatedly.

Sagitec Test Studio is an automation testing-suite which is fully integrated with the Sagitec Platform for ease of test case development, execution, and reporting - making it easy to test your customized solution.

The usage of STS increases the speed of test execution, helps increase test coverage, and provides easy and robust reporting. STS eliminates the risks associated with outdated testing functionality as it maintains all test scripts and allows for easy modification without need for programming.

Sagitec Test Studio™ Lets You...

Create and Manage Test Scripts, Without Programming

Sagitec Test Studio™ lets you create test scenarios, test cases, and test steps and data-driven scenarios designed for ensuring the flow of business processes. The development and configuration of test scripts requires no programming knowledge. Configuration, running, analyzing, and maintaining these test scripts is simple.

Execute Test Scripts on Any Browser

Sagitec Test Studio™ is browser agnostic. You don't have to wait for a patch to be released on an individual browser.

Capture Test Results

Sagitec Test Studio™ has the ability to capture screenshots at different stages of test execution assisting in faster defect resolution of the identified errors.

Reuse Test Scripts

Test scripts generated can be re-used reducing ongoing maintenance costs.

Generate Test Reports

Sagitec Test Studio™ stores the test execution results for every test script execution. This allows one to generate detailed reports in Excel and HTML formats. These reports provide insights into the build quality in addition to improving the application quality throughout the application development lifecycle.

Automate Testing

Automates regression (unit and system) test cases and scenarios that can be executed offline, without manual intervention. This reduces the cost of application development and maintenance life cycle.

Sagitec's Process Design and Development Tools

There are two main tools that help you design and test business rules in your LOB solution.

SAGITEC SOFTWARE STUDIO

A web-based application development tool that allows technical staff to design and build each state's benefit administration solution in one web-based environment. In addition to fostering the rapid development of each state's unique features (e.g., user interface designs, prototypes, workflow modeling, etc.), the Sagitec Software Studio allows Sagitec's staff to define the states' business rules using logical rules and decision tables instead of a complex programming language. Sagitec Analyst Studio™ is an XML-based rules engine that provides the ability for state-specific configuration, effective date rules, and the capability to test and verify rules before they are deployed.

SAGITEC TEST STUDIO™

A powerful regression testing tool is used to define and automate test cases. Test scripts are reusable and can be executed offline, which expedites and simplifies the testing process, and the intuitive repository allows staff to review testing results for quality assurance.
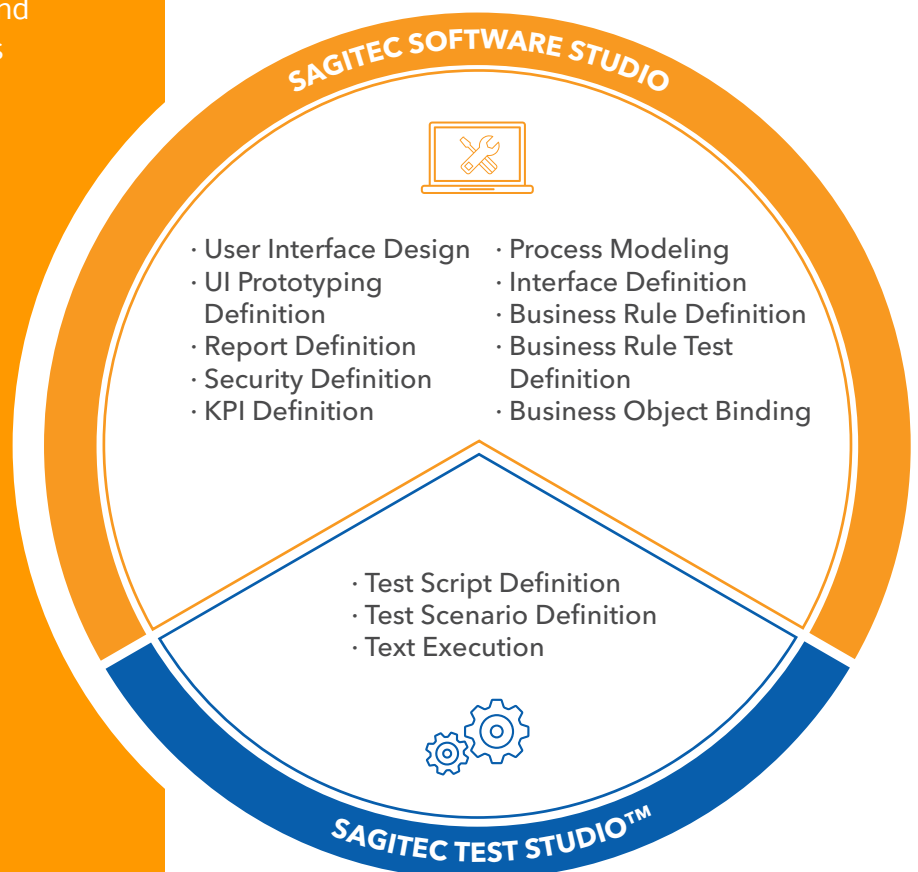
CHALLENGE

Regression testing is necessary to avoid production issues, but it's time-consuming. Constantly evolving benefit administration policies require updating and re-testing of test scripts and a dependence upon a user interface creating inefficiencies that further prolong testing efforts.

OVERVIEW

Our flexible regression testing tool – Sagitec Test Studio™ – simplifies testing efforts by eliminating user interface dependence. Test scripts execute quickly, on any browser. You can easily update test scripts as needed, without programming knowledge. Multiple test scripts can be automatically executed offline. Many generic regression testing tools rely on user interfaces. This makes modifications challenging. What happens when a user interface becomes obsolete? Your test scripts do too. Sagitec Test Studio™ avoids these issues with XML functionality. With Sagitec Test Studio™, you are benefiting from a tool specifically designed to test your customized line-of-business solution, resulting in reduced coding errors and testing time.

SAGITEC SOFTWARE STUDIO

· User Interface Design
· UI Prototyping Definition
· Report Definition
· Security Definition
· KPI Definition

· Process Modeling
· Interface Definition
· Business Rule Definition
· Business Rule Test Definition
· Business Object Binding

· Test Script Definition
· Test Scenario Definition
· Text Execution

SAGITEC TEST STUDIO™

About Sagitec

Sagitec Solutions, LLC, is a global software provider focused on solving complex, business-rule driven problems with domain experts and proven technology. Sagitec designs and delivers complex benefits administration software for pension, labor and employment, paid family medical leave, disability insurance, and healthcare industries for clients of all sizes. Understanding that a dynamic world requires dynamic technology, Sagitec offers solutions that are highly configurable, rule-driven, and extensible by nature. With deep industry experience in software implementation and systems integration, project management, knowledge management, predictive analytics, chatbots, cloud services, consulting, hosting and software support, Sagitec is a partner clients can trust to drive their vision into action. For more information, visit: **www.sagitec.com**.

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