



Easy Product Testing with Syntel's Product Testing Framework

Software delivery teams are under pressure to deliver cost effective solutions with flawless quality, but factors such as disparate legacy systems, stringent regulatory requirements, and emerging protocols and standards make software testing challenging and expensive for the healthcare industry. Making testing even more difficult is the functional complexity of EMRs and EHRs, as well as frequent changes to these records. Testing is viewed as another cost center, and delivery managers are constantly looking for ways to reduce product testing costs, optimize testing cycles, reduce SME involvement, and maximize ROI.

Syntel's Solution

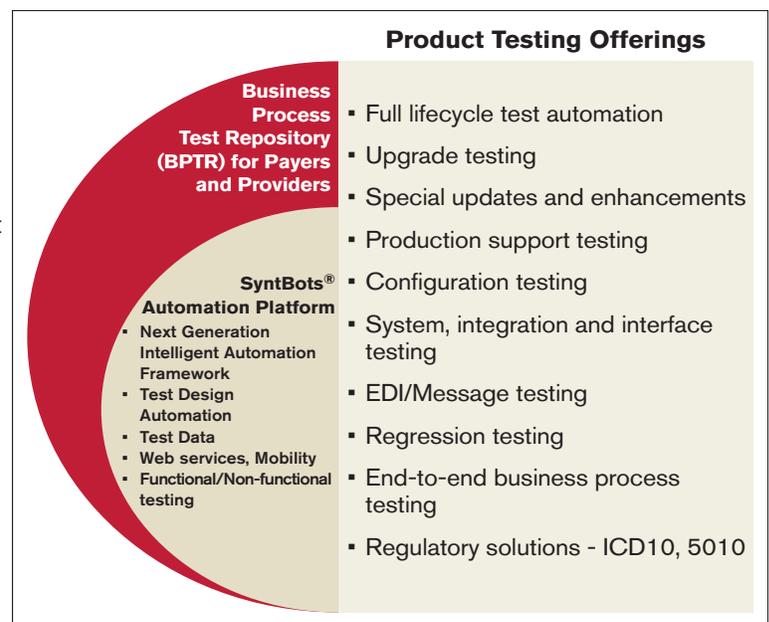
Recognizing the need for an effective and adaptable healthcare product testing framework, Syntel turned to its experience delivering development, management, testing, and professional services to healthcare product companies.

The result was a robust Product Testing Framework (PTF) that delivers a process-driven approach for end-to-end healthcare product testing activities that dramatically accelerates the product testing lifecycle.

Backed by a strong and flexible pool of healthcare domain specialists, Syntel's PTF is built on a comprehensive integration framework and leverages the power of our next generation SyntBots® intelligent automation platform.

Together, this solution delivers efficiency at every stage of testing, faster time to market, helps reduce costs and SME dependency, and enhances quality.

Syntel also offers to deliver these services and solutions using Managed Services Model, driven by outcome-based service delivery. This model ensures faster time to market, top-notch quality, reduced costs, and improved predictability.



The Syntel Advantage

- Harness the SyntBots **intelligent automation platform** to enable efficiency, quality, speed, and reusability across all stages of the product testing lifecycle, including automated test design, automated test data generation, and automated test execution
- Technology and **tool-agnostic automation accelerators** drive business productivity
- **Business process driven testing approach** built around your business functions and business process flows
- Comprehensive, **ready-to use domain test repository** of nearly 350 business processes and 1700+ business-driven test scenarios spanning inpatient, ambulatory, and emergency set-ups
- **Platform-driven testing approach** incorporating best practices and testing techniques such as risk-based testing, pairwise testing, and end-to-end test management

Business Benefits

- **Reduced manual intervention**, increased SME bandwidth
- **Faster time to market** driven by accelerated test design and execution
- **Maximum reusability** of test assets, with up to 30% reduced test design effort during BAU
- Pre-built repositories for **faster implementation**
- **Comprehensive knowledge capture**, including documented business flows
- ~ **30% cost savings** in test execution phase and **30-40% savings** from ongoing script maintenance phase by leveraging built-in utilities and SyntBots
- **Continuous improvement** driven by built-in analytics and intelligence