

# TIBCO FORESIGHT TEST ASSET MANAGEMENT SUITE

## AT A GLANCE

With major changes facing the US healthcare industry in the coming years – including the immediate transactional changes of HIPAA 5010 and ICD-10 – internal and partner testing are critically important steps to ensure uninterrupted operation.

Many organizations have testing groups that focus on specific testing tasks for particular lines of business, geographical regions, systems, and transactions. Over time, these groups have built their own beds of test data which are not easily shared or augmented for new testing scenarios. In this situation, test data often is not coordinated, and testing efforts are inconsistent and inefficient.

The TIBCO Foresight™ Test Asset Management Suite is the first-of-its-kind platform for comprehensive testing management, including mass-creation of targeted test data, coordination of test data across the organization, easy creation of new test data, and the foundation of an end-to-end solution for internal and partner testing.

Foresight Test Asset Management Suite helps organizations save time and resources in testing preparations, ensure testing is performed with real-world test data, and provide detailed reporting of test results to internal teams and trading partners.

## BENEFITS

- Save time and resources in testing HIPAA 5010 and ICD-10 and establish a flexible testing platform for future initiatives
- Leverage production files and existing test beds to create a centralized test data repository
- Coordinate activities of diverse testing teams
- Ensure testing is performed with data representative of production
- Engage business users in the testing process
- Enable automated end-to-end testing
- Provide detailed test result reporting to internal testers and trading partners

### A Comprehensive Solution For Managing Test Data and Processes

The TIBCO Foresight Test Asset Management Suite lets you create, organize and share real-world test data across your entire organization. This is critical not only for major system changes like HIPAA 5010 and ICD-10, but also to establish an efficient testing environment for future initiatives.

With the Foresight Test Asset Management Suite, you can:

- Prepare and manage a comprehensive repository of test data for unit, system, and partner testing
- Automatically create large volumes of test data from production files and leverage existing test repositories

- Target specific testing requirements with scenario detection and powerful document search and edit functionality
- Enable business users to create and edit test data with an intuitive, form-based on-screen document editing facility
- Share test data beds between QA analysts and QA teams
- Automatically convert data with step-up/step-down of 4010A1 to/from 5010 and/or perform intelligent translation of ICD-9 to/from ICD-10 with the addition of specialized adapters
- Enable end-to-end testing with partners by using Foresight Test Asset Management Suite workflows to coordinate downstream applications

- Provide detailed test result reporting to partners

Foresight Test Asset Management Suite uses a modular approach, so you can choose which steps to include in test data creation – including specialized adapters for 4010-5010 step-up/step-down and intelligent translation of ICD-9 to/from ICD-10.

As the foundation of a comprehensive testing strategy, Foresight Test Asset Management Suite will save valuable time and resources in preparation for 5010, ICD-10, and other upcoming transitions.

# ATTRIBUTES & CAPABILITIES

## Create and Manage a Comprehensive Test Data Library

- Automatically create large volumes of test data from production files and your existing test files, so you don't have to rebuild the test scripts you've created over the years.
- Tag and organize data.
- Split and route test documents for automatic distribution to the correct destination system.

## Create Test Data with Specific Characteristics

- Using advanced scenario detection capabilities, Foresight Test Asset Management Suite quickly identifies and selects documents in production files or existing test data that meet specific, complex combinations of characteristics for targeted testing.
- Easily manipulate test documents with on-screen, form-based document editing, so you can create specific errors for test scripts to recognize.

## Improve Communication And Resource Utilization Across Your Testing Organization.

- Share Test Libraries through an advanced portal platform for facilitating access to test data across your organization.
- Route Test Documents to the Right Destination: Tag, filter and split documents for automatic distribution to the correct destination system.

## Track and Analyze Partner Testing Progress

- View testing activity and progress through easy-to-read Business Activity Monitoring (BAM) dashboards.

## Enable End-to-End Testing with Partners

- When partners submit files to your test environment, Foresight Test Asset Management Suite can produce the appropriate acknowledgement transactions and route files to the correct destination test systems.

## Prepare for HIPAA 5010 and ICD-10 Transitions and Future Initiatives

- Condition test data for 5010 with the TIBCO Foresight™ Translator 5010 Step-Up/Step-Down Adapter, which includes full HIPAA base transaction translation maps.
- Accurately pre-determine and substitute the best match ICD-9 to/from ICD-10 diagnosis and procedure codes with the TIBCO Foresight™ ICD-10 Conversion Adapter.

### About TIBCO

TIBCO Software Inc. (NASDAQ: TIBX) is a provider of infrastructure software for companies to use on-premise or as part of cloud computing environments. Whether it's efficient claims or trade processing, cross-selling products based on real-time customer behavior, or averting a crisis before it happens, TIBCO provides companies the two-second advantage™ – the ability to capture the right information, at the right time, and act on it preemptively for a competitive advantage. More than 4,000 customers worldwide rely on TIBCO to manage information, decisions, processes, and applications in real time. Learn more at [www.tibco.com](http://www.tibco.com).

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