

Time Machine[®] helps Life Sciences companies Achieve Cost Savings and Speedy Deployment of Critical Pre-Clinical Applications

Quote

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Vince D'Angelo
Instem's Validation
Service Manager

About Solution-Soft

Solution-Soft is the leading provider of Intelligent Data Optimization (IDO) solutions, which address the urgent need for management of business-critical applications and data.

The flag-ship Time Machine product is a proven solution for enterprises to ensure mission critical applications are delivered on time and within budget. Solution-Soft works closely with consultant and strategic partners around the world in all industries to achieve clients' business objectives with ultimate ROI.

Founded in 1993, Solution-Soft is privately held and based in Silicon Valley, CA, USA.

About Instem

Instem is a world-leading information solutions provider for Life Sciences R&D. Their software applications accelerate drug and chemical development by increasing client productivity and enhancing the processes that lead to safer, more effective products.

Challenge: Testing Mission Critical Pre-Clinical Software Suite

Instem needed to deploy their pre-clinical trial software suite for their clients (major genetics drug companies) within a very short timeframe. This system provides clients with the ability to effectively document all stages of their pre-clinical testing as required by the FDA. Additionally, the FDA requires full documentation of the deployment process and successful functional testing of these systems, which are audited to ensure adherence to the required deployment standards.

The basic application architecture has a client software component containing the majority of the application logic, a backend database and a reporting module to generate usage reports.

The deployment process requires performing a number of functional tests using future dates to simulate the pre-clinical drug approval process. Performing this test in real time was not a possible solution and neither was simply changing the system dates, since it would not allow any other users to log into this server.

Additionally, unless they duplicated this environment, they could only perform one set of tests at a time.

Time Machine Solution

Using Time Machine, Instem found they could simulate a future date for one or more users while other users on their server would remain unaffected and see the current date.

They simply created a simulated date using Time Machine for each tester. Whenever each tester ran his tests, he saw the required dates rather than a common date. With typical validation testing taking 3-18 months,

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Time Machine allowed Instem to dramatically reduce their testing times, manpower and system resource requirements 3 to 5 times less, thereby saving their client tens of thousands of dollars in deployment costs.

According to Instem's Validation Services Manager Vince D'Angelo, "I was impressed and pleased with the whole experience of using Time Machine to accomplish the date simulation for our testing."

Instem has standardized deployment testing with Time Machine for their world-wide customers in the Life-Science & Pharmaceutical sectors. With Time Machine, the deployment and acceptance process can be done in weeks at a customer site rather than months.