Mutual of Enumclaw uses Time Machine® to validate all Temporal Logic in New Distributed Insurance Policy System

About Mutual of Enumclaw


Their Environment

The test environment for Distributed Windows servers at Mutual of Enumclaw consists of Microsoft’s IIS web/application servers, a 64-Bit Microsoft SQL 2005 database server, a standard Microsoft SQL Server, a Citrix Application server, and an IBM WebSphere running on a Windows OS. This test environment is used to interface with an IBM iSeries DB2 and Data Warehouse servers.

Their Challenge

The customer is implementing a new insurance policy system consisting of a number of distributed Windows servers, running a myriad of application servers all needing to connect to the backend data store residing on an IBM iSeries machine. As is the case with all Insurance applications, managing time-based data is very important, and any new or modified system must be able to handle a multitude of temporal based events. Examples of these are ensuring that expiration dates on a set of policies truly will expire when they should, or that month-end reports are created correctly and sent to other processes in the data chain.

Time Machine Solution

Mutual of Enumclaw decided to use Solution-Soft’s Time Machine so they could both test and validate that the new system correctly ages policy information over time. By providing unique and individual virtual dates and times to users of the system, Time Machine can allow any tester to run any module under any specific virtual date needed. This allows the testing group to simultaneously run billing processes at a simulated end-of-month, while policy expiration is being checked for five years in the future and other applications run in real-time.

Quote

“We can accelerate a months’ worth of processing in a week, or years’ worth of processing in a matter of months or however long is needed to test month end output, reports and year end output and reports. We can also clear out data, reload and retest if necessary. The flexibility is very helpful given the importance of validating that the system is working properly and prevents post go-live production issues.”

- Ron Fenili,
  Sr. Network Administrator,
  Information Technology,
  Enumclaw Insurance
“Time Machine provides a solution for all of our Distributed Windows servers so that we can publish a calendar for the test environment and set the dates as needed. We can accelerate a months’ worth of processing in a week, or years’ worth of processing in a matter of months or however long is needed to test month end output, reports and year end output and reports. We can also clear out data, reload and retest if necessary. The flexibility is very helpful given the importance of validating that the system is working properly and prevents post go-live production issues,” said Ron Fenili, Sr. Network Administrator, Information Technology, Enumclaw Insurance.