



Armed Forces Insurance

## Armed Forces Insurance Enhances Testing Processes with Solution-Soft's Time Machine<sup>®</sup>

### Quote

*"We have been using Time Machine for over 10 years to test multiple internal and third-party applications. It has been a critical tool for migration and regression testing, especially for business applications that support policy administration, billing, and system upgrades. The GUI makes it easy to change time quickly, ensuring that production deployment has minimal to zero impact,"*

*Wendy Sachen, Sr. System Administrator, AFI.*

### About Armed Forces Insurance:

Armed Forces Insurance (AFI) has been serving the needs of military families since 1887, providing reliable and comprehensive insurance coverage. AFI is dedicated to protecting the people who protect the nation, offering a range of insurance products tailored to the unique needs of military personnel and their families. With a commitment to excellence and customer service, AFI ensures that their members receive the best possible support, whether it's for their homes, vehicles, or personal property.

### Project:

Armed Forces Insurance faced a significant challenge in maintaining and upgrading its business applications that support policy administration, billing, and system upgrades. Given the nature of insurance operations, time-based testing was crucial to ensure that all applications functioned correctly across different scenarios, such as policy renewals, claims processing, and financial reporting. AFI required a solution that could streamline their migration and regression testing processes, especially when multiple internal and third-party applications were involved.

### Project

AFI needed to simulate various time-sensitive scenarios to ensure that their systems could handle different stages of the insurance lifecycle without disruption. For example:

- Testing policy renewals in different regions, requiring time travel to the future to evaluate potential impacts on billing and customer communication.
- Running batch processes in a controlled time-shifted environment to validate the accuracy of financial reports and claims processing.
- Coordinating tests across multiple departments, including QA, Accounting, Finance, and IT, to ensure that production deployments had minimal to zero impact.
- All systems are running on Windows Server, where changing the system clock is restricted due to Active Directory policies.

### The Time Machine Solution

To overcome these challenges, Armed Forces Insurance implemented Solution-Soft's Time Machine. This virtual clock software allowed AFI to conduct time travel testing seamlessly, without disrupting their critical operations. Time Machine's GUI made it easy for different departments to independently manage their testing environments, enabling quick and accurate time shifts as needed.

With Time Machine, AFI could:

- Simultaneously run tests in different regions, starting with a backup from a production environment or a clean region, and leap to future dates as required.
- Automate batch processing in a time-shifted environment, ensuring that all potential outcomes were evaluated before moving to production.

## About Solution-Soft

Solution-Soft is the leader in virtual clock, time shift testing software solutions for the ever-changing digital world. Our flagship and market proven product, Time Machine, opened up brand new possibilities in the application testing landscape upon its release in 1997. Today, thousands of applications have been tested with Time Machine, and IT professionals recognize that using a virtual clock is the ideal and safest way to conduct date and time testing. As pioneer in our field, we've created the Time Machine Product Suite and Time Machine for Container, a collection of cutting-edge testing software that augment Time Machine to further streamline enterprise cloud initiatives, containerization, micro services, and IT modernization for end-to-end integration testing, cloud migration, test automation, Agile/DevOps, Continuous Operation, and Test Data Management.

We proudly provide our 2000+ domestic and international customers, including 47 of Fortune 100 companies, with our advanced solutions to optimize their testing and help deliver projects on-time. Solution-Soft's customers are across all market sectors including 3M, AMEX, AIG, Australia Tax Office, BBC, Boeing, British Gas, Covered California, Dept of Works & Pension, Deutsche Bank, Discover, FedEx, Federal Reserve Bank, Orange, National Australia Bank, SNCF, and Zurich Insurance. We bolster our market presence through robust

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For a Demo, visit our website at [www.solution-soft.com](http://www.solution-soft.com).

- Reduce the time and effort needed to set up and execute time-based tests, allowing AFI to focus on improving their services and meeting the needs of their members.

## Client Testimonial:

"We have been using Time Machine for over 10 years to test multiple internal and third-party applications. It has been a critical tool for migration and regression testing, especially for business applications that support policy administration, billing, and system upgrades. The GUI makes it easy to change time quickly, ensuring that production deployment has minimal to zero impact," said Wendy Sachen, Sr. System Administrator, AFI.