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Solution-Soft

Time Machine® Saves Time and Resources during Telstra's SAP Rollout

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Challenges: SAP Testing Requirements

As part of his SAP testing procedure, Pooven Govender of Deloitte Consulting Outsourcing, simulated date changes to test Payroll and other related HR functionality in the client's upgraded release of SAP R/3. As part of their SAP certification process, the system needed to be tested on multiple dates in the future.

This meant resetting the system's hardware clock to simulate a future date. While seemingly simple, resetting a systems clock entailed a long and complex procedure including:
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- Shutting down all applications running on this system (SAP R3, Oracle, etc.)
- Resetting the system's clock
- Rebooting the system
- Restarting each application
- Verifying each application worked properly

Although the above process was easily achievable, it meant that the environment needed to be restored to its original state each time as each test/simulation started from the same date. This process required experienced Unix Administrators and SAP Basis resource, and at least 2 days to achieve. To further complicate matters, there were many date simulations, which would have resulted in many system outages. Because of these difficulties, they were looking for an effective method to optimize this process.

Quote

"Using Time Machine, Telstra was able to test all the scenarios of their SAP R/3 upgraded release in the allotted project time while saving money on system administrator resources."

Pooven Govender, Consultant/SAP Basis Team, Deloitte Consulting, Telstra

About Solution-Soft

Solution-Soft is the leader in virtual clock, time travel testing software solutions for the ever changing digital world. Our 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 for time shift needs, and IT professionals recognize that using a virtual clock is the ideal and safest way to conduct date and time testing. As a pioneer in our field, we've created the Time Machine Product Suite, a collection of cutting-edge testing softwares that augment Time Machine to further streamline enterprise cloud initiatives and IT simplification. The product suite offers a complete solution for end-to-end application testing, cloud migration, test automation, agile DevOP, Continuous Operation, and Test Data Management. We proudly provide our 2000+ domestic and international customers, including 47 of Fortune 100 companies, 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, Australia Tax Office, BBC, Boeing, British Gas, Covered California, Discover, Fed Ex, Federal Reserve Bank, Orange, National Australia Bank, SNCF France, and Zurich Insurance. We bolster our market presence through robust partnerships with companies including Accenture, Alstom, Capgemini, Citrix, Delphix, DXC, FICO, HPE, IBM, Microsoft, Oracle, Red Hat and SAP.
Founded in 1993, Solution-Soft is privately held and based in Santa Clara, CA.

Contact

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Time Machine Solution

Time Machine allowed them to dynamically change both the time and date seen by their SAP application without having to shut down, reboot, and restart the system and various applications each time. Additionally, no system administrators (Database, Application, etc.) were needed during these changes since no re-boots or system recoveries were needed and the only user(s) affected were those defined within Time Machine. Using Time Machine, they were able to test all the scenarios in the allotted project time, and save money on system administrator resources.

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