

Time Machine[®] helps State of North Carolina DHHS on the IBM Cúram based and highly acclaimed NC FAST Program.

Saving immeasurable time and expense in testing, deployments, development and operations.

Quote

"We went with Time Machine [to solve issue with time shift testing scripts] and it has been working very well for us. We have the ability to change the date/time across all the components specific to an environment. Executing time/shifts, troubleshooting issues, deployments etc. has been very smooth. We are currently using Time Machine in three Test Environments and One Development Environment, and are very happy with the current setup."

- Dan Kumar
NC DHHS Release Architect

About NC FAST

North Carolina Families Accessing Services through Technology (NC FAST) is a program designed to improve the way the NC Department of Health and Human Services (DHHS) and county departments of social services do business. NC FAST introduces new technological tools and business processes that will enable workers to spend less time on administrative tasks and more time assisting families.

Challenge

A major challenge for the team was testing all the date and time sensitive events in a social management system. A typical environment involves a web server, an application server, an XML server, a job scheduler, a database server, a message broker. Many of their applications are based on the IBM Cúram Social Services Platform. All of the test environments and development environments share the same physical hardware at their respective tiers - meaning multiple instances of web servers running on a single AIX LPAR, multiple application server profiles running on a single AIX LPAR, etc. They felt this kind of setup helped them quickly setup multiple environments and was also cost effective.

However, one of the challenges this environment configuration introduced was how do they execute all the time-based testing scripts? The initial approach was to change the system date/time on the application server LPAR. This change affected all the application server instances running on the LPAR. This caused problems for their testing teams and for their IT team who manages the server at the OS level.

Time Machine Solution

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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.

Contact

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The NC DHHS' use of Time Machine began with a need to test the NC FAST Food Stamp program applications for future time sensitive events, and has now expanded to multiple other programs falling under NC FAST, including Medicaid and the states' Eligibility Information System, the latter to satisfy the federal Affordable Care Act (ACA) requirements.

North Carolina's initial proof of concept of Time Machine in late 2012 came upon the recommendation of their solution integrator partner, Accenture, who worked side-by-side with state personnel on all aspects of the NC FAST implementation including design, development, testing, architecture/infrastructure and more. Since February, 2013, NC DHHS have been a happy and active Time Machine customer. NC FAST project team members familiar with Time Machine have since recommended Time Machine to a number of other states for their IBM Cúram based projects—and who have since become satisfied Time Machine customers themselves.