

## RedMane uses Time Machine® to Streamline Puerto Rico Department of Health's Medicaid Eligibility Modernization

### Quote

*"At least 50% of our testing at any given time requires time travel testing. Time Machine is used on the daily basis. Without it, there is no way that we could deliver the project on time!"*

*Jon Hunt, IT Consultant of RedMane.*

### About RedMane

RedMane provides software solutions and systems integration services that address complex real-world challenges. RedMane has a people-centric approach where all the processes result in best possible solution. Adult protection, child welfare, child support, benefit eligibility, and enterprise case management are among the human services specialties of the company. RedMane takes pride in creating technologies around people and solving the most challenging problems. RedMane was established in 2000 and the headquarter is in Chicago, Illinois.

### About Puerto Rico Department of Health

The Puerto Rico Department of Health is the cabinet-level agency created by the constitution of Puerto Rico. Puerto Rico Department of Health is led by the Secretary of health. It is responsible for the implementation of different programs such as Nutrition policy and promotion, Medicaid Integrated eligibility program, Enrollment Solution, and Food safety & distribution. The Puerto Rico Department of Health's Medicaid Program operates 66 local offices, employs over 800 staff, and uses a managed care approach for healthcare service delivery.

### Project

Puerto Rico recognized an opportunity to modernize its Medicaid eligibility and enrollment process given that roughly half of the island's 1.6 million citizens are enrolled in Medicaid and that storm recovery activities are still ongoing. On the significant project, RedMane is collaborating with the Puerto Rico Department of Health. A new Medicaid system serves as the transformation's main tenet. RedMane employed its Smart Transfer strategy with an eye toward outcomes, quality, and timeliness. This novel approach builds on the IBM Social Program Management platform, commonly known as Curam Software, and makes use of the work done by RedMane for a range of clients. The project name is Medit3g and its's main goal is to determine eligibility and handle claims integrated back into Puerto Rico System.

### Challenge

RedMane one of the major challenges was testing all the date and time-sensitive events in the social management system. Time travel testing is used to simulate the eligibility and enrollment life cycle of Medicaid cases. For example, initial application, change of circumstance, renewals, and end of certification periods.

- A family applies for Medicaid, then 6 months later have an increase in income. How does this affect each member's eligibility?
- A woman turns 65 8 months after her initial application. How does this affect her eligibility?
- A 28-year-old man marries a woman, with a child, and then she becomes pregnant. How does this affect her eligibility?

## 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 partnerships with companies including Accenture, Capgemini, DXC, HPE, IBM, Infosys, Microsoft, Oracle, Red Hat, and RedMane.

Founded in 1993, Solution-Soft is privately held and based in Santa Clara, CA.

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- The public health emergency ends 4 months from now. How does this affect everyone's eligibility (various people at different phases of eligibility and in different programs)

## The Technical Environment

RedMane is bringing change in the deployment process by using Agile Framework. There is new Release Every Two weeks in SIT and UAT environment. typical environment involved WebSphere, IHS, DB2 database, Azure cloud and custom java application.

RedMane is also a leading-edge organization, and is an excellent example of cloud transformation, navigating a complex technical environment while utilizing the best in architecture. With an Agile/SCRUM methodology, CI/CD is in play with Development Operations allowing for a flexible yet consistent method overall.

## The Time Machine Solution

RedMane environments involve cloud-native and agile frameworks. Time Machine's virtual clock enables them to time travel freely without resources sitting idle and breaking test automation. It also empowers self-service and test automation to further boost productivity. Time Machine enables self service which means users are able to assign virtual clocks by themselves without the need to wait for the infrastructure team to shut down & restart the application & database and change the system clocks. Redmane has successfully implemented Curam with Time Machine for Medicare Integrated eligibility for the State of Missouri for multiple years now. So it is natural for Redmane to select Time Machine as the enabler for time travel testing and testing automation.

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