

enStratus Delivers Cloud Infrastructure Automation and Controls for McDonald Morrissey Associates

McDonald Morrissey Associates, Inc.

Location:

Reston, VA
Concord, New Hampshire

Website:

www.mcdonaldmorrisey.com

About:

McDonald Morrissey Associates, Inc. is a firm of hydrogeologists that provide professional consulting services for groundwater flow system and solute transport analysis.

Key Highlights

Challenge

Automated scaling and financial controls across cloud vendors for their Microsoft Windows infrastructure

Solution:

enStratus Cloud Management Solution with multiple cloud vendors

Benefits:

McDonald Morrissey Associates, Inc. benefits from an efficient infrastructure that scales as they need. They also gain governance and cost-tracking.

Background

McDonald Morrissey Associates, Inc. (MMA) is nationally recognized for its expertise in the analysis of complex groundwater flow systems for industrial and government clients. To deliver these services, MMA requires a data intensive, flexible, scalable, cost-efficient and secure IT infrastructure.

When MMA needed to automate computer simulations of groundwater flow and transport, they turned to the cloud and enStratus.

Moving to the Cloud

MMA began working with various cloud vendors to determine what solution would meet its needs. During the process of reviewing cloud solutions, they identified a need for automated scaling and financial controls for their Microsoft Windows infrastructure.

The automation provided by enStratus will provide MMA with a tool to allow rapid scaling of processing power through the cloud. The enStratus solution will also assist MMA in tracking costs by project and the automation coding that enStratus has provided can be easily modified to access different cloud computing vendors.

Infrastructure Automation Brings Efficiency

“ enStratus will enable us to rapidly scale our infrastructure and track costs across multiple cloud vendors ”

- Chuck Spalding, McDonald Morrissey Associates, Inc.

enStratus assisted MMA to automate the communication between servers and automatically launch dozens of servers at a time. To enable efficiency moving forward, enStratus also automated the starting and stopping of the MMA application on the master and slave servers.

About enStratus

enStratus™ is a cloud infrastructure management solution for deploying and managing enterprise-class applications in public, private and hybrid clouds. enStratus has a multi-cloud architecture that provides security, reliability and cloud independence.

We deliver governance for the cloud through a patent-pending security architecture and a powerful management console across all leading public and private clouds.

Based in Minneapolis, Minnesota, enStratus serves hundreds of organizations worldwide including Korea's largest telecom provider KT, Silanis, SAIC, and The Cloud Security Alliance.

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enStratus also worked with MMA to create easily-modifiable application and script bundles for efficient reuse. This will allow MMA to quickly re-launch the enStratus deployment every time the firm needs to perform new groundwater simulations.

“enStratus will enable us to rapidly scale our infrastructure and track costs across multiple cloud vendors,” said Chuck Spalding from MMA. “This is a critical part of our cloud infrastructure to meet our client requirements.”