



NEHGS SEAMLESSLY MOVES TO AWS CLOUD TO IMPROVE EFFICIENCY

ABOUT CLIENT:

The New England Historic Genealogical Society is the oldest and most respected genealogical organization in the United States and was founded in 1845. NEHGS is a member-based nonprofit corporation dedicated to advancing the study of family history in America and beyond, by educating, inspiring, and connecting people through our scholarship, collections, and expertise.

INDUSTRY:

Research

REGION:

United States of America

BUSINESS NEED:

To move MSSQL AlwaysOn Cluster and Application workload to the AWS cloud.

BUSINESS CHALLENGES

01

Seamlessly migrate from a hosted infrastructure to the AWS cloud.

02

Migrate the MSSQL AlwaysOn Cluster and Application workload to the AWS cloud

03

Acquire an Audit facility to keep close watch on the cloud infrastructure

04

Get long term archival storage with geo-redundancy.

DATAMATICS SOLUTION

Built cloud road map after completing IT infrastructure and application assessment.

Datamatics supported NEHGS to seamlessly move to the AWS cloud.

Provided IAAS and SAAS based solution with incorporated security.

Enabled NEHGS to have centralized authentication with SAAS based application integration on AWS.

Entire migration was done within deadline of 1 month. Migration for end user was seamless.

Enabled horizontal scaling of server using ELB and secured authentication by integrating of on-prem AD with AWS Active Directory.

Deployed Production, Dev and Staging environment for application life cycle management.

Upgraded the Operating system environment from legacy to latest version.

BUSINESS IMPACT

Centralized IT infrastructure, all environments viz. development, testing and production are moved to the **AWS cloud** and being monitored by **Datamatics remotely**.



Time required for environment **setup & configuration** reduced significantly, especially with the ability to create instances using snapshots within minutes.



Costs are controlled with **Development & Quality environments** being stopped when not in use.



Overall, agility was increased by the customer in setting up **environments on demand**.



The scalable AWS Environments helped NEHGS scale to achieve a major promotion objective, "**NEHGS goal was to register 3,500 new guest members in 7 days. Actual signups were 5,225 – 50% over the goal!**"



ABOUT **DATAMATICS**

Datamatics provides intelligent solutions for data-driven businesses to increase productivity and enhance the customer experience. With a complete digital approach, Datamatics portfolio spans across Information Technology Services, Business Process Management, Engineering Services and Big Data & Analytics all powered by Artificial Intelligence. It has established products in Robotic Process Automation, Intelligent

Document Processing, Business Intelligence and Automated Fare Collection. Datamatics services global customers across Banking, Financial Services, Insurance, Healthcare, Manufacturing, International Organizations, and Media & Publishing. The Company has presence across 4 continents with major delivery centers in the USA, India, and Philippines. To know more about Datamatics, visit www.datamatics.com

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