

The American Guaranty Fund Group approached Henson Group for a safe migration of their legacy system landscape.



American Guaranty Fund Group's Challenge

AGFG approached Henson Group to transform their monolithic landscape by migrating their legacy system to Microsoft Azure. Their existing servers were hosted via an on-premises system; there was an unavoidable need to migrate their IT workload to a serverless architect. AGFG also wanted to reduce their IT workload and utilize the high availability of a scalable server. Moreover, their existing on-premises system also lacked disaster recovery. Thus, they were also concerned about securing backups and being able to recover data.

To maintain their value proposition, AGFG was avoiding a CAPEX investment, hence they were looking for a partner who would not only share their IT load but also help them expand their business globally and as empower them to run their operations seamlessly. Above all, the American Guaranty Fund Group's top priority was security for their internal network - isolated from an external or untrusted network.

Discover how the American Guaranty Fund Group, Inc. enhanced its scalability by migrating its on-premises hyperservers to Microsoft Azure.



Working with Henson Group

Henson Group began as a service integrator and 16 years later is an award-winning CSP partner. The group specializes in cloud computing with a major focus on Microsoft Azure. With the Group's technological expertise, they offload IT workloads, manage client servers, and upgrade existing packages. As a premier provider of Microsoft licensing and managed services, HG was able to resolve the American Guaranty Fund Group's concerns by migrating their IT load to Azure Virtual Machines and their on-premises servers to Microsoft Azure. To do so, HG implemented the following solutions:

1. Azure Express Route to create private connections between on-premises network and Azure datacenters.
2. Azure Site Recovery (ASR) for replication of on-premises servers to Azure
3. Azure Backup to achieve data security and retention while preventing any data loss mishap
4. Azure Disaster Recovery to replicate servers in a secondary datacenter to prevent any disaster and achieve business continuity

Meaningful Partnership

Henson Group, a Microsoft Gold Partner, worked relentlessly to offer their full support to the American Guaranty Fund Group by offering them a VPN connection from On-Prem to Azure. This helped them to extend their on-premises networks into the Microsoft Cloud over a private connection. Furthermore, all servers were replicated in a secondary region to achieve BCDR (Business Continuity and Disaster Recovery.) Being a Fintech, HG's solution also helped AGFG to secure their environment by implementing a third-party Barracuda firewall. This helped AGFG to protect the DMZ Subnet traffic flowing through web.

Azure Backup was also used to automate backup to prevent any data loss. Regular automated backups were configured as per the policy to prevent data loss and achieve high availability. HG also added automated patching capabilities to allow AGFG enhance their update management. Their Failover Virtual Machines were provisioned from Windows 2012 to a Windows Server 2016 Datacenter with RBAC (role-based access control) provided to the users, as per the requirement to restrict access to an Azure environment. HG also configured additional Backup and Disaster Recovery to onboard the Azure environment, as well as clean up irrelevant resources. Henson Group provided a postmigration support to AGFG as well.

Why Microsoft Azure?

Using the Microsoft Azure platform allows growing businesses like American Guaranty Fund Group to maintain and run their data-driven operations seamlessly. If the focus of your business is to integrate Business Continuity and Disaster Recovery, then Microsoft Azure is all you need.

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