



## Benefits Summary



Rapid deployment and testing of highly available infrastructure with minimal administrative overhead



Always-on access to QuickBooks and other financial data



Single sign-on access to Amazon FSx file storage



Managed cloud support for uptime and availability of AWS resources

## About Chesapeake Church

Chesapeake Church is a nonprofit organization whose mission is to reach unchurched people and help them grow into fully devoted followers of Jesus Christ. With the help of its members, Chesapeake Church strives to end hunger in Calvert County.

Through its 12,000 sq. ft. warehouse, Chesapeake Church supplies food and other resources to partner feeding organizations throughout Southern Maryland, such as food pantries and the HeartFelt Backpacks program. The space also houses Chesapeake Church's culinary training program and collaborative workspace for like-valued nonprofits. This free eight-week program prepares individuals to work in the restaurant industry. In addition to job-placement assistance, students receive help with budgeting and personal development. The program is specifically designed to serve individuals with intellectual and developmental disabilities.

Since the pandemic began in March 2020, community volunteers have gathered weekly at the End Hunger Warehouse to pack and deliver Kids Kits, nutritious breakfasts, lunches, and snacks to over 1,300 students without consistent access to food.

## CHALLENGE

### Transform IT Infrastructure by Migrating to AWS for Increased Reliability and Scalability

Chesapeake Church was looking to transform its organization's IT Infrastructure by migrating to AWS for increased reliability and scalability. It initially ran on-premise servers in its three offices located in Maryland. These servers were disjointed, however, and each location had independent user authentication management solutions.

Chesapeake Church was also in need of a centralized multimedia and document storage solution that was being hosted across several on-premise servers at the time and had no unified backup strategy.

### Industry

Nonprofit

### Location

Huntingtown, Maryland

### Featured Services

Migration, Amazon WorkSpaces, EC2, AWS Managed Microsoft Directory, Amazon FSx

## SOLUTIONS

### Comprehensive AWS Solutions for End-User Computing and Secure Remote Access

- nClouds decided to leverage Amazon WorkSpaces and EC2 instances to meet the computing needs of end users.
- nClouds proposed using AWS Managed Microsoft Directory to centralize user management.
- Amazon FSx was chosen as a Windows-compatible, AWS-managed file storage solution.
- A combination of site-to-site and client VPN solutions and Amazon WorkSpaces was used to provide fine-grained access control to remote users.



## RESULTS

### Efficient Infrastructure Deployment and Seamless Access with AWS Solutions

- By replatforming file storage and domain services roles onto fully managed AWS services, Chesapeake Church was able to rapidly deploy and test highly available infrastructure while minimizing administrative overhead.
- Amazon WorkSpaces provided members of the accounting team always-on access to QuickBooks and other financial data.
- VPN solutions were integrated with Active Directory to provide users with single sign-on access to Amazon FSx file storage.
- Chesapeake Church was able to decommission on-premises servers and rely on nClouds as its managed cloud support provider to ensure the uptime and availability of its AWS resources.