JHC Technology led a Federal Government client to set up a self-service solution which is secure and compliant and automated to scale up and down as necessary.

**CLIENT NEEDS**
The client wanted to scale out accounts that were compliant meeting many security concerns. The overall issue was ability to consistently provision AWS accounts in a scalable fashion and manage them over time keeping them up to date with newly approved AWS Services. The goal was to provide secure and compliant cloud hosting options while setting up a customer self-service solution.

**JHC APPROACH**
JHC Technology assisted the client in creating their entire environment from Infrastructure as Code while implementing a strict change control processes via GitLab. Custom pipelines were created based off the CI/CD framework for structures code. Overall the entire process was automated, eliminating the scalability issue of provisioning accounts. Our resources worked directly alongside the agency resources to document and achieve a FISMA Moderate ATO.

**THE BENEFITS**

**Scalability**
The client was enabled to quickly provision accounts in a consistent method across multiple geographical locations and regions. The entire environment can be rebuilt in one hour.

**Self-Service**
JHC enabled the customer to securely provision their own infrastructure, standardized methodology and least privileged principle architecture. Zero-trust architecture ensures security in the cloud for the client.

**Management of Resources**
The services in AWS monitor both on-premises and AWS cloud environments. The time to provision new accounts was reduced from a month to one minute. The deployments are now consistent and can be saved for later use.

**ABOUT JHC TECHNOLOGY**
JHC Technology, Inc. (JHC), a Service Disabled, Veteran Owned Small Business (SDVOSB), is a leader in providing intelligent engineering and development services supporting the business modernization efforts of Federal, State, and Local government, non-profit organizations, and commercial enterprises. As a company, JHC has been delivering cloud solutions for more than nine years on AWS. JHC staff members are subject matter experts in cloud architecture and can provide assistance in all phases of the project, from initial implementation to requirement gathering, to weekly briefings on new or existing AWS services.