MODERNIZING SOFTWARE DEVELOPMENT AT THE SPEED OF CLOUD

Problem:

• Implementing a robust end-to-end auditing and logging framework for security compliance

• Interconnecting numerous disparate AWS accounts together using a network mesh

• Support a full multi-tenancy model to provide full AWS account separation between various project teams

Solution:

• All pillars of our Altitude managed service solution met all the stated requirements and was therefore customized and implemented to address the customer's software team's software development challenges

Customer Challenges

The customer had a requirement to modernize how software was developed and maintained to minimize costs, increase security compliance, and reduce overall Time to Market. The solution implemented by Applied Insight was the Altitude Platform as a Service (PaaS) offering backed by Amazon Web Services (AWS) where application owners could host their applications in a secure, scalable, and stress-tested environment. One challenge in this endeavor was implementing an environment that featured significant infrastructure-as-code to decrease manual interactions with sustainment processes while meeting the following core requirements:

- Provide secure, managed end-user access points using AWS WorkSpaces including multi-factor authentication integration
- Implement a robust end-to-end auditing and logging framework for security compliance
- Interconnect numerous disparate AWS accounts together using a network mesh
- Support a full multi-tenancy model to provide full AWS account separation between various project teams

AI Solution Features

All pillars of our Altitude managed service solution met all the stated requirements and was therefore customized and implemented to address the customer's software team's software development challenges. The services, features, and tools listed below were leveraged for this implementation to create a complete cloud-based software development environment, built on an infrastructure that is both highly available and scalable.