MENTAT™
COMPUTE OPTIMIZATION
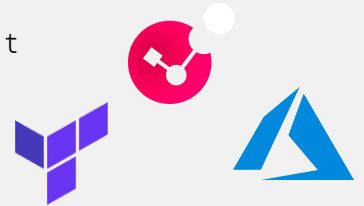
GOVERNMENT CASE STUDY

How Mentat™ helped an undisclosed state/local government design, develop, deploy & manage the largest Azure Government deployment.

TECHNOLOGIES

- Azure - NSGs, VNETs, ExpressRoute, VMs, Storage
- PowerShell
- Check Point
- VMware
- Terraform

CHALLENGES

This client had expensive, on premises infrastructure that required manual builds and configuration, had zero current cloud footprint, & difficult CJIS security requirements.

The Executive management team decided that, in order to increase service availability & security, the organization needed to migrate dozens of applications into Azure Government.

SOLUTIONS

✓ Mentat™ designed, developed, deployed, & managed the largest Azure Government deployment that met CJIS compliance requirements.

✓ Multiple zero-trust VNETs were connected to 100GB ExpressRoute pipe, with micro-segmentation between all subnets to control east/west traffic.

✓ Check Point firewalls were deployed into Azure Scale Sets to control north/south traffic.

✓ To handle automation in the Azure cloud, Mentat™ designed & implemented Jenkins for orchestration, & Terraform and PowerShell to provision & configure services.

RESULTS

SECURE
Highly secure, zero-trust network running 100s of machines, supporting dozens of services

SIMPLE
deployments through automation

ABILITY
to deploy to Azure Government & VMware

10 MINUTES
deployment times

ZERO
downtime migrating dozens of enterprise applications to the cloud

Contact us to see how we can provide similar results for your organization.