SECURING CLOUD ASSETS FOR CALIFORNIA COUNTY TRANSIT SYSTEM

An essential, highly utilized local government transit agency needed a partner to re-envision security for its increasingly growing cloud environment that included a complex variety of functions, processes, technologies, and cloud service providers (CSPs) which was vital to its digital transformation initiatives. Propelex responded with a unified solution that enabled them to protect data, safeguard privacy, maintain consistent service levels, and support their public service mission.

TRANSFORMING A COMPLEX AND FAST PACED CLOUD SECURITY ENVIRONMENT

Like many local government agencies, the Client had built its Microsoft Azure based cloud infrastructure using limited internal resources to incorporate a sprawling list of sometimes conflicting local, state, and federal requirements and nuances. Operating within an increasingly difficult security and compliance environment, they were severely challenged to maintain the necessary management tools and expertise themselves.

Microsoft Azure

To free up resources to refocus on their core service mission, the Client required a capable partner to assume responsibility for their cloud platform security responsibilities. They asked Propelex to design and implement a set of solutions to:

- Detect and manage security risks before they expand into threats
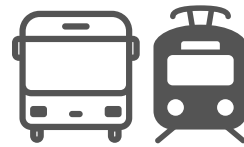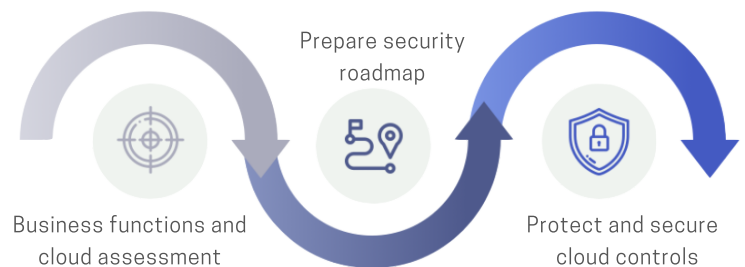
Transit
NAME UNDER NDA

- Protect local assets at global scale
- Minimize service interruptions and recover faster and better from incidents
- Simplify and maintain sufficient resources for compliance
- Manage (and potentially reduce) infrastructure complexity

OUR APPROACH

The project was executed using the following approach:

- Understand service functions and performance requirements
- Assess the cloud environment's security and capability to support necessary functions
- Prepare a security road map, with advanced metrics to gauge progress toward performance goals
- Implement security changes, including security training for staff
- Test new cloud platform security, and verify protections are in place and security gaps are closed
- Create a procedural framework to ensure reliable performance and continuous improvement

Business functions and cloud assessment

Prepare security roadmap

Protect and secure cloud controls

SECURE & COMPLIANT

PCI DSS   HIPAA HITRUST   SOC 2 TYPE 2   GDPR   SOX COMPLIANCE   NIST

THE RESULTS

The Propelex team delivered an integrated cloud platform security solution on Azure platform that combines solid process management with advanced technology enablement, for superior performance across the Client's entire cloud environment:

- Created a single-pane for security visibility and management, across private cloud and public cloud systems
- Implemented new security controls – including multi-factor authentication, encryption, and identify and access management applications – to efficiently manage privileges and duties, for improved data security and simplified compliance
- Integrated a simple to manage scaling function within the platform, to ensure it could grow and evolve as needed
- Automated critical patching and updating functions
- Developed a process for ongoing risk assessment and management, to ensure that risks were quickly identified and controls were applied before they evolved into threats

- Developed security processes that integrate management and workflow between multiple CSPs, to accommodate the full range of relevant requirements, processes, information exchanges and security expectations
- Enhanced existing business continuity processes, for improved response to outages and disruptions

MEETING CUSTOMER NEEDS

Cloud services are an absolute necessity for many local governments, to connect with users and efficiently deliver services. However, the cloud comes with its own special risks and many public agencies lack the native tools, resources or support to manage security on their own.

Propelex is an experienced and trusted managed services provider for government agencies. We help public decision-makers take full advantage of the cloud, while evolving their security function to meet complex challenges of data safety, privacy, and compliance.

SECURE & COMPLIANT

PCI DSS   HIPAA HITRUST   SOC 2 TYPE 2   GDPR   SOX COMPLIANCE   NIST