



CASE STUDIES

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CASE STUDY

Neovera Implements a Cloud Security & Compliance Solution for Multi-National SaaS Client

At a glance

KEY CHALLENGES

- MOUNDS OF DATA
- NEW COMPREHENSIVE SECURITY
- COMPLIANCE ISSUES & CONTROLS

BENEFITS

- CENTRALIZED REPORTING FOR GOVERNANCE
- BEST PRACTICES FOR CLOUD DEPLOYMENT
- AUTOMATED AZURE RIGHTS MANAGEMENT

OPPORTUNITY

LAUNCHING OF NEW GENERATION OF SMARTER, COMPREHENSIVE CLOUD-NATIVE SIEM SOLUTION THAT PROVIDES A SINGLE-PANE VIEW OF THE ENTIRE PAAS INFRASTRUCTURE, DEVELOPMENT OF CUSTOM DASHBOARDS, SECURITY ASSESSMENT AND REMEDIATION SUPPORT TO ENSURE FULL COMPLIANCE WITH GDPR AND SOC2

CHALLENGE

This multi-national company helps global Fortune 500 retailers, manufacturers, and distributors turn chaotic mounds of data into accurate, managed, personalized information. As they shifted their application into the public cloud, they learned that Azure requires a new, comprehensive security solution. They would also have to consider compliance issues, as their solution couldn't support GDPR or SOC2 controls.



Client:
SaaS & PaaS Provider



Sector:
Product Marketing & Sales



Project:
Cloud Security Governance
& Monitoring



ABOUT

NEOVERA IS A TRUSTED PROVIDER OF MANAGED SERVICES, INCLUDING CYBER SECURITY AND ENTERPRISE CLOUD SOLUTIONS, COMMITTED TO DELIVERING RESULTS THROUGH THE INNOVATIVE USE OF SCALABLE ENTERPRISE-GRADE TECHNOLOGIES THAT CAN BE QUICKLY DEPLOYED TO MEET ANY REQUIREMENT.

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SOLUTION

Neovera helped to **IDENTIFY ORGANIZATIONAL AND SECURITY CONTROL GAPS** relevant to compliance requirements for implementation of Sentinel SIEM solution for 2000+ resources. This included on-prem firewalls and MS 365 Office activity. The formation of a framework for identifying and accessing management in an RBAC model was needed, and utilization of 24x7x365 Incident Management & Response team was dedicated to provide the visibility needed while monitoring their infrastructure.

OUTCOME

Neovera established cyber security management services and monitoring with centralized reporting for governance, auditing, and compliance across US and EMEA for this SaaS client. The **CREATION OF SECURITY POLICIES TO DRIVE DESIRED BEHAVIORS AND BEST PRACTICES FOR SECURE CLOUD DEPLOYMENTS AND ONGOING OPERATIONAL SUPPORT** has proven invaluable. The Automated Azure Rights Management (ARM) templates that were implemented support a multi-stack architecture with security controls at every layer of the technology.



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CASE STUDY

The Right Multi-Cloud Solution Helps Financial Institution Accommodate Rapid Growth

At a glance

KEY CHALLENGES

- DISPARATE TECHNOLOGIES
- RISK OF FINANCIAL PENALTIES
- MULTIPLE INVENTORY & VENDORS

BENEFITS

- CONSOLIDATED, PRIVATE SOLUTION
- DISASTER RECOVERY PLATFORM
- IMPROVED SCALABILITY

OPPORTUNITY

CONSOLIDATE THE COMPANY'S SYSTEMS INTO A SOLUTION THAT WAS 100 PERCENT IN THE CLOUD; PLUS MIGRATE TO AZURE CLOUD SERVICES. CREATE A PRIVATE CLOUD ENVIRONMENT AND INTEGRATION VIA HIGH-SPEED CONNECTIONS WITH USER ACCESS VIA CITRIX CLOUD INTEGRATION WITH AZURE

CHALLENGE

The financial firm had recently acquired three companies that were running disparate technologies and numerous legacy systems. The lack of domain expertise due to acquisition required intensive discovery and analysis on the part of Neovera. There was an inherent risk of financial penalties if deadlines for transferring all assets and funds were not met. Plus, inventory included 100+ Servers/VMs and dozens of 3rd Party Apps and vendors including, FIS, DTCC, Envision, and Citrix.



Client:
Large Financial Institution



Sector:
Financial Services



Project:
Cloud Migration



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SOLUTION

Neovera proposed the utilization of a cloud solution and implemented **A COHESIVE DATA SECURITY SOLUTION THAT WOULD COVER ALL THEIR LOCATIONS**, as well as all their off-site customers and products. We integrated all systems spread over 5 geographical locations including, 24 DBs, File and Web Servers, and 1,200+ Batch Jobs. The financial firm was provided a unified technology infrastructure, managed services, and a cyber security monitoring tool.

1200+
Batch Jobs

100+
Servers / VMs

OUTCOME

Within 6 months, Neovera **DEPLOYED A CONSOLIDATED AND FULLY INTEGRATED MULTI-CLOUD SOLUTION** utilizing private, public, and SaaS cloud solutions. The firm had established a Disaster Recovery platform across all environments as well. They were afforded the ability to rapidly scale their business, without the need for any additions to their technology headcount, and were presented improvement opportunities for subsequent phases.



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CASE STUDY

Neovera's Cloud Migration Lift & Shift Saves Money for Wealth Advisory Firm

At a glance

KEY CHALLENGES

- AGING INFRASTRUCTURE
- SECURITY VULNERABILITIES
- SPENDING TOO MUCH MONEY

BENEFITS

- NO DOWNTIME OR LOSS OF BUSINESS
- LESS TIME MAINTAINING INFRASTRUCTURE
- FLEXIBILITY TO SCALE BUSINESS

OPPORTUNITY

NEOVERA WAS ABLE TO REENVISION THE FIRM'S EXISTING SKILLS, FAMILIAR TOOLS, AND ESTABLISHED PROCEDURES FOR IT INFRASTRUCTURE MANAGEMENT TO MINIMIZE TIME SPENT ON DAY-TO-DAY SUPPORT ACTIVITIES. BY DOING THIS, THEY WOULD REDUCE COSTS AND GAIN THE FLEXIBILITY NEEDED FOR EXPANDING THE FIRM'S BUSINESS

CHALLENGE

Though the firm had certain hardware and infrastructure already in place, planning for and adding capacity took too much time. Their aging infrastructure was prone to failure and more vulnerable to security threats due to end-of-support technologies. They were previously focused on capital expenses, and were looking to make the shift to OpEx to reduce costs.



Client:
Wealth Advisory Firm



Sector:
Financial Services



Project:
Cloud Migration



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SOLUTION

Neovera introduced the firm to **A PUBLIC CLOUD PLATFORM THAT COULD SEAMLESSLY SUPPORT ALL THEIR BUSINESS-CRITICAL APPS** ~~Windows~~ **Windows** Server. The top technical considerations were security, performance, uptime management, and cost optimization. This also allowed Neovera to leverage existing skills when the cloud would become part of their IT environment, offering a seamless integration of on-premises and cloud infrastructure in a hybrid environment.

OUTCOME

By doing this, the firm benefited from a smooth complete-infrastructure cutover with no business-hours downtime. They were also able to take advantage of an increased security posture and flexible technology capability to innovate their business. **AZURE PROVIDED BOTH HARDWARE AND SOFTWARE AT MUCH LOWER COSTS COMPARED TO ON-PREMISES MODELS** - as you pay on a consumption basis - and the firm's ability to spend less time maintaining infrastructure meant more time executing strategy.



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CASE STUDY

Music Royalty Distribution Company Needed Better Data Management for Automation and to Reduce Overhead

At a glance

KEY CHALLENGES

- OUTDATED ORACLE DATABASES
- EXCESSIVE LICENSING RENEWALS
- WORKFLOWS FROM NUMEROUS DATA STREAMS

BENEFITS

- IMPROVED DATA PROCESSING
- SCALED PRODUCTION CAPACITY ON DEMAND
- REDUCTION IN COSTS

OPPORTUNITY

NEOVERA PROPOSED A MIGRATION FROM PRIVATE INFRASTRUCTURE TO A CLOUD PROVIDER WHILE MAINTAINING EXISTING FUNCTIONALITY. THIS GAVE THE COMPANY A CHANCE TO REDUCE COSTS OF ORACLE LICENSING AND CUT THE OPERATIONAL COSTS OF MAINTAINING THE MULTIPLE ENVIRONMENTS CHALLENGE

The client collects and distributes royalties for more than 200,000 recording artists by employing multiple workflows from numerous data streams. Their clustered virtual environment contained Oracle databases with ~100 TB data in several environments running numerous versions behind the most current version. There were excessive license renewal costs for the databases and Oracle BI tools used for statement generation analytics, tools, and reporting that were required on the current infrastructure.



Client:

Royalty Solutions Provider for Sound Recordings and Publishing



Sector:

Non-Profit Collective Rights Management Organization



Project:

Data Warehouse and BI Platform Migration to the Cloud



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SOLUTION

Noevera completed a proof-of-concept and created a detailed migration strategy focused on a near real time go-live cutover. It included the operational changes required on go-live date as well. Neovera proposed execution of parallel run of all the processes on the Oracle Cloud, and replication near-real time between the databases using Oracle Golden Gate. The Validation of all ETL processes and reporting and comparison with on-prem production data completed this project.

OUTCOME

Neovera was able to successfully migrate to the cloud within six months. As such, the company benefitted from a reduction in costs for Oracle licensing and maintenance. In addition the client saw post-migration improvements to data processing, operational tasks for cloning databases on demand, managing alert notifications, scaling production database capacity on demand and automating the processes for data replicated from Oracle ADW to AWS storage.



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CASE STUDY

Securing SaaS for Email to Mitigate Risk of Malware for Multiple Financial Services Clients

At a glance

KEY CHALLENGES

- PHISHING AND MALWARE
- EVOLVING EMAIL CLICK-BAIT
- HAVING THESE IMPERSONATIONS INFILTRATE THE CUSTOMERS' INBOXES

BENEFITS

- REDUCED SUSCEPTIBILITY TO ATTACKS
- ENHANCED EMAIL SECURITY IN REAL-TIME
- PROTECTION INCREASES WHEN ESS LEARNS

OPPORTUNITY

THERE WAS AN IMMEDIATE NEED TO STREAMLINE AND IMPROVE CUSTOMERS' EMAIL FLOW PROTECTION, AS WELL AS PROVIDE QUICKER RESPONSE TO EMAIL-RELATED ISSUES AND STRENGTHEN THEIR DATA SECURITY

CHALLENGE

The biggest challenges they were facing were phishing, malware, impersonation, and click-bait emails that were difficult to find and stop. With malicious actors changing tactics and employing click-and-go, cloud-based mail technology, the organizations needed dynamic mail protection that could keep up. The priority was a more effective way to stop those emails from infiltrating our customers' inboxes.



Client:

Multiple Financial Institutions
& IT Providers



Sector:

Financial & IT Services



Project:

Office 365 Email Security Services



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SOLUTION

Neovera proposed an email security gateway, and the ESS would cost effectively manage and filter inbound and outbound email traffic, protecting against email threats while decreasing data loss. With its encryption features, data wouldn't be able to be viewed by outside parties, and the outbound filtering and quarantine features ensured that outbound emails would adhere to company data loss prevention policies.

OUTCOME

As a result, Neovera was able to reduce susceptibility to targeted email attacks, and subsequently improved fighting increasingly complex email attacks. The solution strengthened email security posture with mail-filtering algorithms that adapt in real time. As the ESS continues to learn what is and what is not spam, the level of protection increases.