



## nClouds Case Studies

# ONE | MEDICAL PASSPORT

an Mnet company



### Benefits Summary



**30+% Revenue Increase**



**74% Cost Savings**



**Heightened Data Security**



**Increased Workload Visibility**

### About One Medical Passport

One Medical Passport’s solutions help ambulatory surgery centers (ASCs) with booking, pre-admission, pre- and post-op patient engagement, real-time patient tracking, and more. User-friendly workflows enable healthcare professionals to easily increase efficiencies, lower costs, and enhance the patient experience.

#### Industry

Healthcare Software

#### Location

Willington, Connecticut

#### Featured Services

Migration, Amazon EBS, AWS Web Application Firewalls, AWS Certificate Manager, AWS Managed Microsoft AD, AWS CloudWatch, Amazon RDS

### CHALLENGE

## Migration in One Weekend to Prevent Suspending Normal Operations or Disrupting Revenue

Eric Akstin, cofounder and CTO of One Medical Passport, understood the benefits of cloud computing. Managed relational databases would scale better than IaaS database platforms, dramatically reducing hardware and database management overhead as the company continued to grow.

But timing the migration was a challenge. Patients and ASCs rely on One Medical Passport daily. Suspending normal operations for days or weeks to facilitate a migration would disrupt life for millions and hurt revenue for One Medical Passport. The migration had to be completed quickly—within one weekend. But to do it internally, Eric would need to hire a network ops team. Hiring and training new bodies to facilitate the move would cost the company hundreds of thousands of dollars annually.





## SOLUTIONS

### Seamless Cloud Migration + Ongoing Optimization

nClouds (formerly Cloudnexus) is among the original AWS Partners—today, it's an AWS Premier Tier Services Partner. This gave Eric the confidence that nClouds had the industry-leading tools and support to capitalize on the cloud's capabilities.

nClouds efficiently helped Eric and his team at One Medical Passport migrate and modernize their Windows environment, with the following results:



#### Centralized Authentication

Leveraging AWS Certificate Manager secures and protects certificate private keys using strong encryption and key management best practices.



#### Streamlined Log-Ins

Integrating with AWS Managed Microsoft AD enables single sign-on (SSO) to RDS for SQL Server for their on-premises AD users via Integrated Windows authentication.



#### Increased Workload Visibility

Leveraging AWS CloudWatch, CloudWatch Logs, SNS, Lambda, VPC Flow Logs, and CloudTrail helps consolidate logging and notifications.



#### Scalable Services

Decoupling DNS and switching to AWS Route 53 for public DNS hosting integrated with AWS Resolver connects user requests to infrastructure, allowing for more scalability.



#### Heightened Data Security

Using Amazon EBS encryption to encrypt data volumes, boot volumes, and snapshots, paired with application load balancers (ALBs) integrated with AWS web application firewalls (WAFs), helps make individual workloads more secure.

## RESULTS

### 74% Cost Savings vs. In-House Migration

With nClouds' help, One Medical Passport successfully modernized its environment, reduced administrative overhead, increased overall security posture, and gained heightened visibility into workloads. By Eric's estimation, the move has already helped One Medical Passport increase revenue by more than 30%.

The migration to Amazon RDS was completed in a single weekend. The process was smooth and seamless, and Eric was impressed by the around-the-clock support he received from nClouds.

Replatforming to Amazon RDS enabled One

Medical Passport to immediately start offloading time-consuming tasks, such as provisioning, backups, software patching, monitoring, and hardware scaling. By also integrating with AWS Managed Microsoft AD, Eric is able to maintain administrative autonomy while reinforcing HIPAA compliance.

Enhanced cloud computing has enabled One Medical Passport to expand its communication capabilities—to the delight of customers. Now, One Medical Passport can communicate safely and securely within the platform while ensuring adherence to compliance requirements.