

Partnering with Cloudticity

# MiHIN Case Study



## The Client

The Michigan Health Information Network Shared Services (MiHIN) is Michigan's state designated entity dedicated to improving health care quality, efficiency, and patient safety. By sharing electronic health information statewide, MiHIN helps reduce costs for patients, providers, and payers. It is a nonprofit public/private collaboration.

## The Challenge

Every week, more than 12 million patient health information messages pass through the MiHIN network. But its co-located data centers couldn't scale to keep pace with the growing amount of data distributed through the statewide network.

MiHIN was also seeking to reduce costs. It had money tied up in the data centers, and an expanding stakeholder base demanded new levels of flexibility. The rigidity of the hardware also meant it couldn't respond to customer requests to launch new services and features.

By moving its exchange from physical data centers to the cloud, MiHIN could not only address its need for scalability, cost savings, and flexibility, but also adopt tools that would enable more security and agility in managing customer information.



By making the switch, MiHIN's software resources are now preconfigured to be secure and HIPAA compliant, ensuring consistency and predictability.

## The Solution

After evaluating alternatives, MiHIN decided to move its health information network to Amazon Web Services (AWS). It worked with Cloudticity, an AWS Advanced Consulting Partner, to facilitate the transition.

Our unparalleled experience in coding, migrating, and managing some of the largest HIPAA-compliant solutions on AWS appealed to MiHIN. It saw the chance to leverage these components toward more agile, cost-effective, and secure services, while also solving for compliance, resourcing, and consistency challenges.

By making the switch, MiHIN's software resources are now preconfigured to be secure and HIPAA compliant, ensuring consistency and predictability. Eliminating configuration errors not only ensures any instances provisioned by employees will work as intended, it saves time and money.

With traditional managed services, everything a client wants to do, such as deploying servers, must be initiated through a ticket request. That adds time to the process. Cloudticity's goal is to empower clients like MiHIN to deploy what they need on their own, thus enabling faster development.

## The Benefit

By partnering with Cloudtcity in its migration to the cloud, MiHIN gained a wealth of solutions and support. Cloudtcity's Oxygen™ platform offers fully automated and preconfigured resources that enable patients, providers, and tech companies to take greater control over their data, all while helping partners on their journeys to HITRUST certification.

MiHIN shut down its co-located data centers after moving to AWS, immediately cutting costs by eliminating the expense of maintaining them. This move also freed up money that had previously been trapped in software licenses and management tools. With an updated business model, MiHIN found itself with much more control over its costs.

Released from the responsibilities of traditional data-center management, MiHIN's internal teams have more time to focus on value-creating activities. Because the organization's IT staff no longer spends time managing and maintaining all that hardware, they can now concentrate on business growth.

With Cloudtcity's fully automated solutions, MiHIN will devote less time and money to managing its data and more energy to what it does best. Rather than allocating valuable resources to provisioning and maintaining infrastructure, it can focus on continuing to advance healthcare solutions, while offering its customers the highest level of support.

### About Cloudtcity

Cloudtcity, based in Seattle, WA, helps healthcare organizations design, build, migrate, manage, and optimize HIPAA-compliant solutions on Amazon Web Services (AWS). Founded in 2011, Cloudtcity has helped providers, payers, and companies that sell to the healthcare industry remain secure, compliant, and highly available to patients and customers that rely on them.

For more information, visit [Cloudtcity.com](https://cloudtcity.com).



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