

# Securing Tribal Nations' Healthcare Data from Ransomware

For Tribal Nations, the sanctity and security of community healthcare services and patient data is an extension of their sovereignty. By law, tribes keep ownership interest in their data regardless of whether it's in a state, federal, or aggregated dataset. As Tribal Nations adopt cloud applications like Microsoft 365 and digital threat landscapes grow, there's an urgent need for data security modernization and management strategies that can prevent ransomware attacks, system outages, data corruption, and data loss.

## Rising Cyberthreats to Healthcare Systems and Patient Data

The FBI has warned tribal leaders of a recent increase in cyberattacks, including ransomware, that specifically target tribal-owned assets, including healthcare systems. These attacks underscore the importance of having robust data security strategies in place to support healthcare service continuity and the integrity of cloud, system, application, and patient data. Having secure, continuous, and seamless access to patient health information within Azure and Microsoft 365 cloud environments is paramount to preserving the trust and continuity of Tribal Nations' healthcare systems and services.

## Why Veeam for Microsoft 365?

Tribal Nations trust Veeam for reliable data protection and recovery of their hybrid cloud data infrastructures and clinical EMR applications, including Epic, Cerner, and Allscripts\*. Veeam's offerings are easy to use, adaptable, dependable, and guarantee low ownership costs, all

### System Configurations

#### Hypervisors

vSphere, Hyper-V, Nutanix AHV, Red Hat Virtualization RHV

#### Databases

MSSQL, Oracle, InterSystems Caché, PostgreSQL, MySQL

#### Physical servers

Windows, Linux, AIX

#### Unstructured data

SMB, NFS, Windows and Linux File Shares

#### Microsoft services

365, Active Directory, MSSQL, Exchange, SharePoint, OneDrive, Teams

#### Cloud environments

Multi/hybrid with support for hyperscale providers like Microsoft Azure

#### Veeam solutions

Latest offerings with comprehensive backend compatibility

#### Microsoft 365

Securing our healthcare communication tools

Veeam Backup for Microsoft 365 reduces the risk of losing access to or control over your Microsoft 365 data. It ensures it's always available and safeguarded specifically for:

- Compliance and legal discoverability
- Protecting Microsoft Exchange Online, SharePoint Online, OneDrive for Business, and Teams against malware and accidental deletion.

while giving IT teams confidence that their data is always accessible and secure. Advantages of a Veeam + Microsoft 365 joint solution include the following:

- Performing swift backup operations that understand application nuances.
- Rapidly recovering individual files or entire systems as needed.
- Restoring data efficiently without having to take unnecessary intermediate steps.
- Speeding up snapshot mounting to meet quick recovery objectives.
- Using backup editions for safe testing, troubleshooting, and analytical tasks.
- Ending the use of traditional tape backups by securing and retrieving workloads in Microsoft Azure.

## Key Statistics on Breaches

While not specific to Tribal Nations, the [HIPAA Journal](#) reports that in 2023, an average of 1.99 healthcare data breaches of 500 or more records were reported each day, and on average, 364,571 healthcare records were breached per day as well.

# Veeam Data Platform

Recovery Orchestration

Monitoring & Analytics

Backup & Recovery

Native APIs

Platform Extensions



On-Premises • In the Cloud • XaaS



## Veeam and Microsoft 365: Safeguarding Community and Patient Health Records

To modernize healthcare data management practices and remain compliant with data, privacy, and security laws, it's critical to move beyond old backup systems and embrace contemporary data management and protection technologies. Together, Microsoft and Veeam stand ready to strengthen data protection for Tribal Nations, so healthcare providers can focus on community health initiatives and patient care. Our combined effort ensures efficient management and safeguarding of sensitive information, no matter where it's stored. Our solutions also empower Tribal Nations IT leaders to deliver more effective healthcare services that are supported by speedier data recovery, reduced cost, and service continuity when there's an attack or regulatory or operational changes.



### About Veeam Backup for Microsoft 365

Veeam Backup for Microsoft 365 empowers you to securely back up Microsoft 365 to any location, whether that be on-premises or in cloud object storage, including locations like Amazon S3, Azure Blob, IBM Cloud or S3 compatible providers. Once stored, data is easy to migrate from on-prem to the cloud and back again. You can also have it managed as-a-service.

#### Partner with Veeam + Microsoft

With their partnership with Microsoft, Veeam brings efficient best-in-class solutions for data protection, recovery, and management to Tribal Nations. In today's landscape, where IT strategies often span multiple clouds and locations, Veeam delivers specialized backup and recovery for public clouds, including Microsoft Azure, with native support for various workloads. Find out why Veeam is an industry leader in protecting a sizable portion of Fortune 500 and Global 2000 companies' data.

#### About Veeam Software

Veeam®, the #1 global market leader in data protection and ransomware recovery, is on a mission to help every organization not just bounce back from a data outage or loss but bounce forward. With Veeam, organizations achieve radical resilience through data security, data recovery, and data freedom for their hybrid cloud. The Veeam Data Platform delivers a single solution for cloud, virtual, physical, SaaS, and Kubernetes environments that gives IT and security leaders peace of mind that their apps and data are protected and always available. Headquartered in Seattle with offices in more than 30 countries, Veeam protects over 450,000 customers worldwide, including 74% of the Global 2000, who trust Veeam to keep their businesses running. Radical Resilience starts with Veeam. Learn more at [www.veeam.com](http://www.veeam.com) or follow Veeam on LinkedIn [@veeam-software](https://www.linkedin.com/company/veeam) and X [@veeam](https://twitter.com/veeam).

➔ Learn more: [veeam.com](http://veeam.com)