# 3Cloud

# AI IN HEALTHCARE
## A Clear Path Towards Large-Scale Transformation

CIOs are positioned to turn the perfect storm of data, security, and operational pressures into the perfect opportunity, impacting everything from patient care and hospital operations to clinical support and drug discovery. Explore the insights on how to deploy generative AI at scale with the right platform.

## The Perfect Storm for CIOs in Modern Healthcare

The rapid advancement of AI and GenAI technologies are creating a clear path of integration in healthcare with the rise of several promising real-world applications. **And investment is following.**

**97%**
of healthcare data remains unused
(yet data volumes continue to mount)

**3in5**
Physicians suffer burnout
(patient expectations are higher than ever)

**1in5** technical leaders reported a staggering **300%** budget growth for GenAI

**$9.77M**
average cost of a healthcare data security breach
(highest of any industry)

**The Challenge:** Addressing data challenges like accessing, making sense of and acting on highly unstructured data, while staying compliant and risk managed.

# How Microsoft Fabric Can Help You Deploy GenAI at Scale
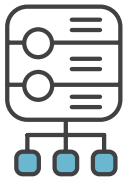
### Make it Easier to Unify & Streamline Your Healthcare Data
80% of healthcare data is not text. It's siloed across many organizations and many modalities, from 2D X-rays, 3D MRIs, clinical notes and genomics data files. Fabric is a unified data foundation, bringing structured and unstructured data into a single platform. When bringing your data into Fabric's data lake, OneLake, pipelines then transform, refine and enrich that data to help build out healthcare use cases, relying on industry standards like FHIR and OMOP.

### Ensure Compliance & Security, While Maintaining Scalability
Data breaches are costly and can impact patient trust and organizational reputation. With Microsoft Purview in Fabric, CIOs can locate and classify sensitive patient data scattered across systems, ensuring it's adequately protected. Plus, with DAX Co-pilot, clinicians capture patient visits, generate clinical notes and automate tasks all while syncing with existing EHR systems. That translates to CIOs being able to standardize documentation practices, enhance clinician productivity and track impact on operational metrics.

### Enhance Patient Outcomes Through AI-Driven Innovation
Fabric is paving the way for the next generation of healthcare AI through advanced reasoning capabilities for clinical and operational workflows and partner-driven innovations with collaborations with organizations like Providence and PAGE to develop domain-specific solutions. For CIOs, those advancements will allow you to implement scalable, modular AI systems tailored to your organization's unique use cases.

## Ready to Accelerate Your Organizations's Digital Transformation?

For CIOs, the path to transforming healthcare lies in using GenAI to unify data, ensure trust and enhance outcomes. Microsoft's solutions — spanning unified data platforms, responsible AI and specialized healthcare models — offer the tools to achieve these goals.

**Contact 3Cloud Today!**

## Your next Azure engagement may be eligible for Microsoft funding

## Accelerate Your Azure Journey with 3Cloud

3Cloud is the premier pure-play Azure partner in the ecosystem with unparalleled expertise in all things Azure. We specialize in delivering top-tier Azure infrastructure, cutting-edge AI, robust data & analytics and ground-breaking app development. Leveraging our extensive experience, advanced tools and customized accelerators, we ensure the quickest time to value for your Azure-based projects.

**Microsoft**
**PARTNER OF THE YEAR***
**SINCE 2017**
★ ★ ★

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