

Do No Harm: Safeguarding Cloud Investments with Identity Management

The 3Vs — volume (the amount of data), variety (the number of types of data), and velocity (the rate at which data flows into an organization) — **of healthcare data was accelerated** by the proliferation of the Internet of Medical Things (**IoMT**) and global initiatives to adopt **digital health**. **The amount of ePHI data being generated** in healthcare **has been a catalyst for significant investments in cloud storage and security solutions**, but there is more to security than just access and storage.

FLEXIBILITY OF THE CLOUD



Improved Storage



AI/ML Flexibility



Scalability of Data



Lower Total Cost of Ownership



Faster Deployment Time



Ease of Interoperability

DIGITAL HEALTH EVOLUTION

The volume of healthcare data is projected to grow to **2,314 exabytes by 2020**¹



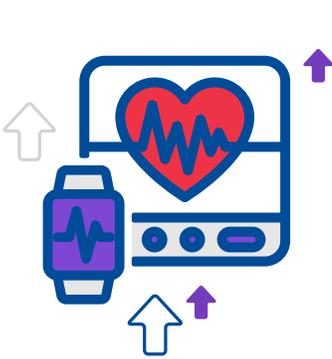
The global **digital healthcare market** is expected to grow to **\$509.2B by 2025**²

68% of healthcare organizations reported that **digital transformation projects** were a significant **catalyst for cloud adoption**³

The **global healthcare cloud computing market** is expected to reach **\$92.24B by 2027**⁴

DELIVERING ON DIGITAL TRANSFORMATION

A disconnect in security governance, robust data creation, and an increase in cloud storage is a security Achilles heel that makes healthcare entities vulnerable to hacking.



The global market for
IoMT systems and software
is predicted to grow to
\$48.3B in 2022⁵

The **connectivity** technology market was \$9.3B in 2017 and is expected to **increase to \$28B in 2022**⁶

IoMT will save the healthcare industry \$300B⁷

The **global IoT in healthcare market** is expected to grow to **\$188.2B by 2025**⁸

35% of healthcare organizations hold more than **50% of data or infrastructure in the cloud**⁹

THE DATA SECURITY CONUNDRUM



80%
of medical data is
unstructured and siloed
after it is created¹⁰

8 out of 10 healthcare organizations have had an **IoMT focused cyberattack**¹¹

The **Top 3 threats to healthcare security** — IT networks (50%); m-devices and apps (45%); and IoMT devices (42%)¹²

43% of healthcare security leaders ranked **operational downtime** as major **impact of a cyberattack**¹³



As healthcare continues to modernize, **having a foolproof Identity Management solution** that addresses who has access, what access is being requested and how that access is being used — **will be paramount for protecting and securing ePHI.**

Visit www.sailpoint.com/identity-for/healthcare to learn more.

1 "How to unleash the enormous power of global healthcare data." World Economic Forum, December 2018.

2 "Digital Health Market Size, Trends & Growth Report, 2019-2025." Grand View Research, May 2019.

3 "Digital Transformation Boosts Cloud Adoption in Health Industry." HIT Infrastructure, May 6, 2020.

4 "Healthcare Cloud Computing - Global Market Outlook (2018-2027)." Statistics Market Research Consulting Pvt Ltd, January 2020.

5 "Medtech and the Internet of Medical Things I.How connected medical devices are transforming health care." Deloitte Centre for Health Solutions, July 2018.

6 Ibid.

7 "Goldman Sachs says a digital healthcare revolution is coming — and it could save America \$300 billion." Business Insider, June 29, 2015.

8 "IoT in Healthcare Market by Component (Medical Device, Systems & Software, Services, and Connectivity Technology), Application (Telemedicine, Connected Imaging, and Inpatient Monitoring), End User, and Region - Global Forecast to 2025." MarketsandMarkets, June 2020.

9 "Report: Healthcare industry leads in cloud adoption." Becker's Hospital Review, April 9, 2018.

10 "Managing Unstructured Big Data in Healthcare System." Healthcare Informatics Research, January 31, 2019.

11 "82% of healthcare organizations have experience an IOT-focused cyberattack, survey finds." FIERCE Healthcare, August 29, 2019.

12 Ibid.

13 Ibid.