



# WHITEPAPER

## Why Are Healthcare Data Breaches Increasing And What Is The Solution?

A detailed insight into the key findings and conclusion.

# OVERVIEW

Healthcare records or data have always been a popular target for unauthorized parties as they contain vital and confidential information such as demographics, social security numbers, credit card details, etc, to carry out fraudulent activities. Due to this, the healthcare industry continues to face data breach challenges for over a decade now, and as per the healthcare data breach statistics, there is a 75.6% chance of a breach of at least five million records in the next year.

Reports suggest that the healthcare industry was the worst victim of data breaches in 2021 and 2022, accounting for 33% and 35% of patients record compromised, respectively and healthcare data breaches are likely to increase in 2023. Therefore, healthcare organizations are required to take proactive steps to implement a robust healthcare data management system and take a new approach to overcome the challenges of data breaches.

Data security in healthcare is critically important to maintain the confidentiality of health information, and medical facilities often lack the awareness and tools to keep it safe.

Read this whitepaper to learn about the main challenges healthcare organizations face while maintaining the security of medical data, the regulations that govern data protection, and solutions to prevent this.



# The Importance of Data Protection in Healthcare

Healthcare facilities need to gather PHI or protected health information of patients, such as their demographic data, medical history, and treatment plans to provide healthcare services and receive payment for the care provided. When such confidential information gets leaked or ends up in the wrong hands, it can have multiple consequences.

Firstly, a data breach can be done with malicious intent, and the data can be used to carry out fraudulent activities, and healthcare organizations have to bear defamation and even more serious consequences. In addition to it, a healthcare provider can be penalized as a medical facility is held liable for allowing the data breach to happen. This can have consequences like fines, lawsuits, and reputational loss.

Not addressing the issue of medical data security can result in major problems for patients, healthcare facilities, and medical insurers.



# The Major Data Security Challenges in Healthcare

The healthcare industry still has a long way to go when it comes to having complete control over medical data security. However, understanding the challenges and learning about the issues that result in data breaches can help.



## Inter-connected Healthcare Systems

The inter-connectivity of healthcare systems is one of the challenges that may enable hackers to use the medical data of small healthcare service providers as a medium to breach the medical data of larger facilities.

## Outdated Technology

Many hospitals still use old technologies which may be no longer supported by the manufacturer and that may enable hackers to easily invade their healthcare systems and cause healthcare data breaches.

## Human Errors

Undeniably human error still remains to be the biggest cause of healthcare data breaches. Healthcare facilities can eliminate human errors that lead to the leakage of medical records by relying on technology or specialized staff.

## The Rise Of Hacking

Hacking is increasing and the growing number of healthcare data breach instances is proof. There have been many instances where hackers break into the database of large healthcare systems and blackmail patients and hospitals for their financial benefits.

## Lack of Awareness

Doctors, nurses, and other staff members in most healthcare organizations aren't aware of the risks associated with collecting large amounts of patient data. Therefore, a lack of awareness makes them less diligent about the importance of healthcare data security.



## How Can Capline Healthcare Management Help Mitigate The Issues Of Data Breaches?

Capline Healthcare Management is a pioneer in providing healthcare management services in the United States that offers value-based services to increase the overall efficiency and growth of healthcare practices.

We help healthcare facilities implement the best practices for data security and management and provide the best solutions to protect patients' information, allowing them to deliver the best possible care to their patients.

# Leverage Our **Best-in-Class Services** For A Better Data Security Implementation



## IT Support

Capline's IT solutions are designed to provide maximum data security. Our IT experts implement advanced data protection strategies that enable healthcare facilities to monitor and share medical data securely.



## Data Backup

We are equipped with the most advanced and latest data-backup tools and the expertise in the healthcare domain to help medical practices secure patient records efficiently as well as stay HIPAA-compliant.



## Cybersecurity Solutions

Our cybersecurity solutions are tailored to the needs of healthcare providers. It includes the protection of electronic medical records and other important assets from unauthorized access and data breaches.



## Other Services

Capline provides the best-in-class revenue cycle management, provider credentialing, eligibility verification, remote medical scribe, and many more services that are HIPAA-compliant to optimize the financial growth of healthcare practices. In each process, our experts gather patients' data securely into EMR and use the best practice tools prevent data breaches.




# Why Choose **Capline Healthcare Management?**

- Expertise in the healthcare industry
- High-end data security solutions
- HIPAA-compliant
- Advanced technologies



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