

DATA PROTECTION SERVICES

A modern data protection program **for a healthcare provider**

A well-established healthcare provider, strong on patient care, had fallen behind on protecting patient data, with limited encryption, gaps in staff training, and outdated IT. Encryption Consulting mapped the gaps and built a tailored data protection program.

SECTOR

Healthcare (US)

COMPLIANCE

HIPAA

ENGAGEMENT

Data protection

Data-flow

Fully mapped

HIPAA

Aligned controls

Roadmap

Phased rollout plan

A trusted provider, lagging on data

This healthcare institution is a well-established provider offering primary care, specialized treatments, and emergency response. Recognized for patient care and medical innovation, it runs several clinics and hospitals serving a diverse community with a focus on accessibility.

Its data protection had not kept up. Limited encryption, insufficient staff training on data privacy, and outdated IT infrastructure left sensitive patient data exposed and put HIPAA compliance at risk.

Excellent care isn't enough on its own. Without modern encryption and clear data policies, patient confidentiality stays at risk.



Patient data, under pressure

Insecure exchanges, user error, hacktivism, mobile and cloud risk, and outdated systems all threatened patient data.

1

Health information exchanges

HIEs constantly send and receive data between doctors, insurers, and patients, and securing every transmission over the right channels is hard, and tempting to attackers.

2

User error

Busy or less tech-savvy staff can easily make mistakes as they adopt new technology, turning everyday workflows into accidental security gaps.

3

Rise of hacktivism

Attackers target healthcare for sensitive data or money, and some hack hospitals simply to make a point about a treatment or policy decision.

4

Mobile and cloud risk

Mobile and cloud make healthcare IT convenient, but a stolen password or device can hand an attacker a huge payload of sensitive information.

5

Outdated technology

Older systems that are too costly to replace often carry unpatched, already-exploited vulnerabilities, making them an easy way in for intruders.

“

The institution's commitment to patient care was strong, but its data protection framework had not kept pace with the complexity of modern healthcare IT. Mapping the gaps was the essential first step.

ENGAGEMENT SUMMARY | ENCRYPTION CONSULTING • DATA PROTECTION SERVICES

Map, assess, standardize

Encryption Consulting mapped the institution's data flows, evaluated its controls, and built technical and governance standards, a roadmap, and a periodic review into one data protection framework.



Map data flows

The team mapped how sensitive data moves across management platforms and integrated sources, closing the gap in documented requirements.



Evaluate controls

Existing data control capabilities were assessed to pinpoint gaps, ending the absence of regular updates to classification and handling policies.



Technical and governance standards

Clear technical and governance data security requirements gave the institution defined use cases to build against instead of open questions.



Every data platform

Those requirements were written to apply across the institution's varied data platforms, bringing consistency to the whole estate.



Implementation roadmap

A well-defined roadmap for rolling out data protection technologies replaced ad-hoc effort with a clear, phased plan.



Periodic review

A periodic review process was built in, so the framework can be revisited and updated as threats and regulations change.

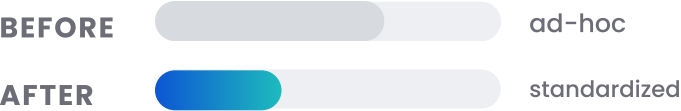
Documented, aligned, and durable

The engagement gave the institution a documented, HIPAA-aligned data protection framework, with a clear roadmap and a built-in review cycle to keep it current.

Framework



Data protection, end to end



Requirements documented

Sensitive data flows are now understood, with data security requirements documented and consolidated in one place.



A clear roadmap

Evaluating data controls produced a practical roadmap for rolling out data protection technologies.



Policies aligned to HIPAA

Improved data classification and handling policies bring the institution in line with HIPAA and current security standards.



Built to be reviewed

A periodic review process keeps the data protection framework current as threats and regulations evolve.

— IN SUMMARY

A framework built to last

Encryption Consulting transformed how this healthcare institution protects patient data. By mapping sensitive data flows across its management platforms and integrated sources, evaluating existing controls, and creating technical and governance standards for every platform, the engagement replaced ad-hoc practices with a documented, standardized data protection framework. Improved data classification and handling policies brought the institution in line with HIPAA, a well-defined roadmap prepared it for sustainable rollout, and a periodic review process keeps the framework current as threats evolve. The result is stronger protection for patient data, reduced breach risk, and renewed trust from patients and partners.

GET STARTED

Build a data protection program that lasts.

[Talk to our data protection team →](#)