

Modern Data Security and Management for Healthcare and Life Sciences

Key Benefits

- Enhanced cyber resilience
- Significant cost savings
- Faster recovery times
- Streamlined regulatory compliance requirements (e.g., HIPAA, GDPR)
- Simplified data security and management with a single UI

Who We Work With

- National and local healthcare providers
- Healthcare payers
- Pharmaceutical and biotechnology organizations
- Laboratory services
- Drug manufacturers and distributors

The healthcare and life sciences (HLS) industry is experiencing a data-driven revolution, with vast amounts of critical patient data, research findings, and regulatory requirements. Effective data security and management are paramount to ensuring patient privacy, advancing medical research, and achieving compliance. As ransomware attacks rise, healthcare IT (HIT) and life sciences IT teams are challenged to safeguard their critical data while remaining compliant with regulations such as HIPAA and GDPR. Some key challenges faced by HLS industry are:

- **Patient Data Explosion:** The healthcare industry generates massive volumes of patient data, including electronic health records (EHRs), medical images, and genomic data. Managing, securing, and accessing this data is a significant challenge.
- **Research Collaboration:** Life sciences organizations require secure and efficient data sharing and collaboration across institutions, geographies, and disciplines, all while ensuring data integrity.
- **Regulatory Compliance:** Stringent regulations, such as HIPAA and GDPR, demand strict adherence to data protection and patient privacy standards, making data governance and compliance crucial.
- **Data Protection:** The critical nature of patient data means that any loss or breach can have dire consequences for individuals and organizations, necessitating robust data protection measures.

“We’re trying to deliver quality healthcare with limited budget and resources. Cohesity is reliable and on top of that, we get the ease-of-use value and the speed at which it performs. All of Cohesity’s innovation helps our engineers do something immediately and then quickly move to the next task. Now as my team says, it’s also putting ransomware extortionists out of business.”

– John Gaede, Director of IS, Sky Lakes Medical Center

COHESITY

Enhancing cyber resilience for healthcare and life sciences enterprises

Cohesity offers comprehensive solutions tailored to the unique needs of the healthcare and life sciences sector. Healthcare and life sciences IT teams worldwide, empowered by proven Cohesity data security and management solutions, can proactively detect cyber threats and protect their data from ransomware attacks to help enhance cyber resilience.



Modernize backup and recovery for data resilience

Cohesity offers a unified data security and management platform that accelerates and simplifies backup and recovery of healthcare enterprise workload across on-premises and cloud with a secured unified platform for data resilience.

- **Data Classification:** Cohesity's highly accurate ML-based data classification engine classifies sensitive data automatically or on-demand, including personal identifiable information (PII), PCI, and HIPAA.
- **Data Consolidation:** Cohesity's platform consolidates data from various sources, including EHRs, PACS systems, and research databases, into a single, easily accessible repository.
- **Global Search and Analytics:** Powerful search and analytics capabilities facilitate quick data discovery, aiding researchers and healthcare professionals in making informed decisions.

Improve response and recovery for cyber resilience

Protect and recover against ransomware with threat protection, cyber vaulting, and ML-powered data classification—by identifying threats, assessing attack impact, and confidently recovering critical data.

Cohesity provides robust data protection mechanisms to safeguard critical patient records and medical research data. These include:

- **Continuous Data Protection (CDP):** Real-time data replication ensures minimal data loss during unexpected events.
- **AI-powered Ransomware Detection:** Cohesity's solution includes built-in ransomware detection capabilities that immediately analyze data ingested from production environments on every backup for telltale signs of unusual activity or data changes, like those related to ransomware attacks.
- **Immutable Backups:** Immutable backups prevent unauthorized changes or deletions of data, ensuring data integrity and compliance.
- **Rapid Recovery:** Cohesity provides instant and predictable recovery at scale by providing organizations immediate access to critical business processes and data to meet their demanding recovery time objectives (RTOs).

Reduce the risk of data compromise

Enhance your data security against sophisticated ransomware attacks with Cohesity FortKnox, a SaaS cyber vaulting and recovery solution. Get an additional layer of managed security and protection against cybersecurity threats. Simplify operations, lower costs, and recover confidently from attacks. Cohesity's solution promotes secure data sharing and collaboration across research institutions and healthcare providers through:

- **Role-Based Access Control:** Administrators can define roles and permissions, ensuring that only authorized individuals access sensitive data.
- **Data Encryption:** Robust encryption methods secure data both at rest and in transit, mitigating the risk of unauthorized access.
- **High Availability:** Ensures that data is always accessible, even during system failures, using capabilities such as fault tolerant architectures, data redundancy, and replication.

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Regulatory compliance

Cohesity helps healthcare and life sciences organizations meet regulatory requirements through:

- **Data Governance:** Comprehensive data governance features, including data classification and automated data retention policies, help ensure compliance with industry-specific regulations.
- **Audit Logs:** Detailed audit logs and reporting capabilities assist in demonstrating compliance with data protection and patient privacy regulations.

In the healthcare and life sciences industry, effective data security and management are nonnegotiable. Cohesity's modern data security and management platform provides a comprehensive solution that addresses the industry's unique challenges, offering data consolidation, security, compliance, and collaboration features. By choosing Cohesity, healthcare and life sciences organizations can harness the full potential of their data while ensuring its protection and compliance with stringent regulations, ultimately driving advancements in healthcare and research.



Our Customers



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Protect your organization's critical patient data and health information with Cohesity. Learn more at www.cohesity.com

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