

Modern Data Security and Management for the Telecom Industry

Key Benefits

- Enhanced cyber resilience
- Simplified management of sensitive client data with single UI
- Significant cost savings
- Achieve faster recovery times
- Streamline regulatory compliance requirements

Who We Work With

- Large wireless network providers
- Local ISPs (Internet service providers) and MSPs
- Telecommunications equipment manufacturers

Telecom organizations face unique cyber resiliency challenges as a result of handling sensitive data, regulatory obligations and the risk of reputational damage in the event of a breach. These challenges are further complicated by complex IT systems and collaborations with third parties, straining already limited IT resources. The confidential nature of the data they handle, coupled with the continuous evolution of cyber threats, demands a robust and adaptive security infrastructure. Some major challenges faced by such organizations today are:

- **Regulatory Compliance:** The telecom sector is subject to numerous regulations, including GDPR and ISO standards. Compliance with these regulations is non-negotiable and requires stringent data protection measures.
- **Cybersecurity Threats:** Personalized experiences are now a standard expectation. To deliver these experiences, businesses need quick and secure access to customer data while safeguarding privacy.
- **Cybersecurity Threats:** Telecom organizations are prime targets for cyberattacks, including ransomware and data breaches. Protecting against these threats while ensuring business continuity is a top priority.
- **High value targets:** Telecom organizations handle highly sensitive and confidential data, making them attractive targets for cyberattacks. Protecting this data while ensuring business continuity in the face of an attack is a significant challenge.

Enhancing cyber resilience for telecom organizations

Modern data management empowers IT teams to enhance data resiliency, so they can successfully collect, aggregate, and analyze data to deliver exceptional customer experiences while keeping data safe and streamlining compliance. Many telecom organizations are modernizing legacy IT infrastructure, including multi-point backup and recovery products.

“With its immutable backups – designed so that they can’t be tampered with, modified, or removed – Cohesity is helping us protect our backups from cybercriminals in the event of an attack.”

– Carl Holzhauser, Infrastructure Supervisor, Shumaker, Loop & Kendrick LLP

COHESITY

Cohesity enhances organization's data resilience by converging backup, recovery, replication, and disaster recovery on a single, hyperconverged, cloud-native platform. As a unified, scale-out solution, Cohesity eliminates legacy data protection silos and simplifies management with a single user interface and policy-based automation. Meet your SLAs with sub-5 minute RPOs and instant mass restore to any point in time. Additionally, Cohesity supports leading application and infrastructure vendors.



Modernize backup and recovery for data resilience

Cohesity offers a unified data management platform that accelerates and simplifies backup and recovery of enterprise workloads across on-prem 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).
- **Data Consolidation:** Cohesity's platform consolidates data from various sources, including core banking systems, trading platforms, and customer databases, into a single, easily accessible repository.
- **Data Insights:** Powerful search and analytics capabilities enable rapid data discovery, helping users make informed decisions and identify potential risks

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.

- **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 analyzes data ingested from production environments on each and 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. An additional layer of managed security and protection against cybersecurity threats. Simplify operations, lower costs, and recover confidently from attacks.

- **Role-Based Access Control:** Safeguard data with multilayered Cohesity Threat Defense Architecture—with immutability, WORM, access control, quorum, Cohesity-managed KMS, threat detection, and more.
- **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 things like fault tolerant architectures, data redundancy, and replication.

Stay compliant

Cohesity helps your organization to maintain operational efficiency as you address ever-changing government and industry requirements.

- **Data Governance:** Address stringent requirements from ISO standards to GDPR with comprehensive data governance features, including data classification and automated data retention policies, help ensure compliance with industry-specific regulations.
- **Audit Trails:** Couple policy-based automation with API integration to achieve long-term retention requirements and speed audits.
- **Easy to Consolidate:** Consolidate data and apps, post-merger or acquisition, from many organizations onto one web-scale platform.

COHESITY

In the telecom industry, effective data security and management are essential for success, compliance, and maintaining customer trust. By choosing Cohesity, telecom organizations can unlock the full potential of their data while ensuring its protection and compliance with stringent regulations, ultimately driving business growth and resilience in the digital era.



Our Customers



communications



ENDOR

Protect critical telecom data and consumer information with Cohesity.
To learn more visit www.cohesity.com

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