Streamlining GDPR Compliance

The General Data Protection Regulation (GDPR) harmonizes data privacy laws across the European Union (EU) and strengthens EU citizens' rights over their personally identifiable information (PII). Businesses worldwide maintaining EU residents' personal data are subject to the regulation, underscoring the importance of a modern data management framework.

GDPR compliance continues to unnecessarily involve more IT resources and budget than needed because of mass data fragmentation—the proliferation of data across different locations, silos, clouds, and management systems—has made it challenging for organizations to continuously know:

- Exactly what PII they have in production and backup systems on-premises and across clouds

- How long it has been stored

- Whether the data has been breached, and

- Ability to quickly modify or delete it based on requests

Cohesity streamlines GDPR compliance by helping organizations solve mass data fragmentation with a simplified, software-defined data management platform. Cohesity software consolidates data silos, surfacing PII and simplifying the subset of GDPR requirements related to data management and protection, helping to mitigate both technical measure and key provision non-compliance fines which can be up to 2% (or €10M) or 4% (or €20M) of global annual revenue for each incident, respectively.

Data Management Best Practices

Cohesity software helps organizations stay vigilant, boosting data management and protection best practices for

- **Governance** – Keeping auditable operations logs for data protection and processing that help demonstrate compliance

- **Storage and Retention** – Knowing what and where PII is stored at all times; keeping PII only for the purpose it was acquired and necessary time periods

- **Response to Individual Rights** – Complying with PII deletion and removal requests, as well as PII information access or change requests

- **Breach Notification** – Reporting within 72 hours of breach awareness

WHY COHESITY FOR GDPR?

- *Gain complete PII visibility by converging all non-latency sensitive data onto one platform with a single UI*

- *Automate data protection on-premises and in leading public clouds*

- *Leverage global index and search to quickly find and delete EU PII, as requested*

- *Ensure continuous audit logs to streamline breach notification*

Cohesity Assists Enterprise Compliance with GDPR

Secure, efficient and cost-effective Cohesity software is a single web-scale platform with one user interface and policy-based automation that helps enterprises streamline GDPR PII data management for how to best protect, minimize, locate, search, and monitor data. By consolidating all non-latency sensitive data silos—backups, files, objects, dev/test copies, and analytics—Cohesity software capabilities directly address 15 of GDPR's 99 articles.

REQUIREMENTS	MANDATE	COHESITY CAPABILITIES
Protect Integrate data protection into all data collection and protection activities so "data protection is by design," mitigating the risk of PII breach, damage, or loss.	• Ensure data protection by design and by default • Demonstrate transparency when validating compliance	• **Safeguard Data by Design and Default** – Cohesity provides local data protection from accidentally deleted files, application crashes, data corruption, malware and viruses; support fast recovery of individual files and applications; help enterprises retain data to satisfy industry and government requirements; and provide off-site data protection and reliable disaster recovery. • **Secure Data Against Unauthorized Access** – Cohesity's encryption is based on the strong AES-256 Cipher Block Chaining standard with a FIPS-Certified mode, delivers end-to-end security while optimizing the use of available resources. • **Set Authorization Permissions** – Cohesity supports granular authorization control through Role-Based Access Control (RBAC), strong Active Directory (AD) integration and multi-factor authentication. • **Protect Against Data Loss and Breaches** – Cohesity file- or view-level WORM (write one, read many) and immutable file system capabilities provide immutable locking and secure data retention capabilities to mitigate data loss and ransomware threats. GDPR-Relevant Articles: 5, 25, 32-34
Minimize Reduce the overall amount of PII and place controls over stored PII.	• Maintain less PII • Only keep data for the period relating to the original intent of data capture	• **Centralize Management** – Cohesity's architecture inherently minimizes data copies, reduces attack footprints, and tracks copies, so enterprises can be more agile. • **Automate Policies** – Cohesity software lets enterprises set granular control over and automate retention policies to keep PII only for intended periods. • **Relocate Data On Demand** – Enterprises can effectively relocate files to minimize the spread of PII data across the environment with Cohesity. GDPR-Relevant Articles: 5, 17

Locate
Build a data map for transparency into PII storage to understand
 	
where data is stored and for how long, who has access, and where it is moved.
	• Ensure a 360-degree view of what PII the organization has stored	• **Schedule Updates** – With Cohesity, enterprises schedule updates to data maps that delineate the following:
		  - Location of PII on Cohesity and parent details to track PII origin on the primary infrastructure.
		  - Movement tracking (source and destination) of PII.
		  - Retention periods of PII.
		  - Access rights to and actions performed on PII.
		
		• **Report Regularly** – Cohesity reporting capabilities help teams complete Data Protection Impact Assessments (DPIAs), as needed, per GDPR requirements.
		
		GDPR-Relevant Articles: 9, 30

Search Enable search within PII (through a SAR) and support requests for data correction, portability, and deletion.	• Comply with EU resident requests for visibility, modification, movement, or deletion of PII	• **Use Google-Like Capabilities** – Cohesity software and applications search within unstructured data for multiple categories of PII. Enterprises can also input PII patterns and their variations as well as file types (txt, doc, pdf, xls, zip) to scan using templates. • **Create Custom Apps** – IT can inject custom code to run data processing jobs on stored data using Cohesity's in-place analytics tool. • **Leverage Analytics** – Cohesity software simplifies reporting by delivering search results in machine readable format or integrating with third-party data visualization or analytics tools GDPR-Relevant Articles: 15-18, 20

REQUIREMENTS	MANDATE	COHESITY CAPABILITIES
Monitor Simplify continuous adherence to GDPR by monitoring breach activity and quickly triggering reporting procedures.	• Monitor for and report security breaches • Demonstrate appropriate reporting procedures post breach to avoid non-compliance	• **Prevent Unauthorized Data Movement** – Cohesity software prevents PII portability using white lists and through the granular control of policies that govern data movement. • **Notify When Changes** – Through Cohesity, teams receive notifications when data is tiered, archived, or replicated to a non-Cohesity target. They also are alerted when data leaves the EU while still on Cohesity. • **Export for Reporting** – IT can export Cohesity generated product- and system-level audit logs for additional analytics and breach detection. GDPR-Relevant Articles: 5, 9, 15-18, 20, 24, 34, 35, 42, 44

Looking to streamline your GDPR compliance? Learn more at https://www.cohesity.com/solution/security-and-compliance/gdpr.

About Cohesity

Cohesity ushers in a new era in data management that solves a critical challenge facing businesses today: mass data fragmentation. The vast majority of enterprise data—backups, archives, file shares, object stores, and data used for test/dev and analytics—sits in fragmented infrastructure silos that makes it hard to protect, expensive to manage, and difficult to analyze. Cohesity consolidates silos onto one web-scale platform, spanning on-premises, cloud, and the edge, and uniquely empowers organizations to run apps on that platform—making it easier than ever to back up and extract insights from data. Cohesity is a 2019 CNBC Disruptor and was named a Technology Pioneer by the World Economic Forum. Visit our website and blog, follow us on Twitter and LinkedIn and like us on Facebook.