

# COMPLIANCE WITH GDPR WHILE YOU ENJOY THE HIGH PERFORMANCE ALL-FLASH ARRAY

**General Data Protection Regulation (GDPR)** will take effect in May 2018 and will cover the European Union across all 28 EU members. GDPR will affect all organisations that handle the personal, company or government data. GDPR has a clear statement for each of the items that fail to comply with its terms, failure to comply with the GDPR regulation carries a fine of up to EUD 20 million or 4% of the worldwide annual revenue, furthermore it can harm your company's reputation.

AcceleStor, Inc, has started to work together with partners to demonstrate and ensure the ability of our product to fully comply with GDPR. We provide several guidelines that can guarantee full compliance with GDPR.

## Planning .....

For companies or organisations with more than 250 employees, a data protection officer (DPO) is required. The DPO will help the corporation to map out their data, and identify which data will be effected by the GDPR regulation. Furthermore, they can provide legal advice covering data security, data privacy and data governance.

## Design Protect Method .....

Handling personal data is the key for GDPR compliance. Steps must be taken to try and minimise the possibility of personal identification and secure the data inventory within a secure location and device. The data controller must conduct a privacy impact assessment and implement technical measures within GDPR principles. As an enterprise storage vendor with customers who will be within this scope, AcceleStor can provide Self Encrypting Disk (SED) SSD's which provide storage level data protection and compliance with the "data at rest" regulation.

## Identify the Data Protection Range .....

Organisations collecting personal data, such as the genetic, mental, cultural, economic and social are covered under the GDPR protection scope. GDPR requires that organisations ensure data is encrypted at rest within specific devices, such as servers, ERP system, files sharing servers and all the information in any storage device.

## Data Breach within 72-Hour Window .....

Data encryption is not only for internal storage devices and servers, but also the outbound firewall or VPN connection. VPN's must employ a quarterly password rotation policy and configure the appropriate password strengths to avoid brute force dictionary based attacks. In the event of a data breach, IT administrators must report the breach to the Data Protection Authority (DPA) within 72 hours.

Good planning and preparedness for GDPR will limit the impact caused by its implementation. AcceleStor prides its self on offering a worry-free solution to customers, by being GDPR compliant, straight out of the box. Our technical sales teams are fully trained on the implications of GDPR and will offer advice on best practice.





GDPR is a process-oriented regulation. Enterprise can't rely solely on a GDPR compliant product, but must focus on the working processes for data management. Encryption, data disclosure prevention and data placement, tracking replicas and storage resilience are all important. When you plan your compliance with GDPR, a storage platform with high performance and strong data protection could assist you in constructing a secured IT infrastructure.

## NeoSapphire All-Flash Array

An All-Flash Array (AFA) is a storage array system that make use of multiple SSDs or flash memory drives rather than the conventional hard disk drives. The advanced All-Flash Array can offer outstanding storage performance, extreme low latency and data management services. AccelStor's software-defined approach and executive FlexiRemap® flash-oriented technology takes the All-Flash Array to the next level. NeoSapphire All-Flash Arrays don't just offer a powerful storage system, but a flexible and secured platform for different applications. The NeoSapphire Series provides a storage solution and assistance for your GDPR assessment needs regarding affected systems and software capabilities.

### Flexibility



With the **software-defined approach**, everything is built in to the software platform. AccelStor not only offer a data container, NeoSapphire series is also a platform with built-in software features and compliance for third party's software API's. Whatever you need the storage device for EPR, cloud services, database or high performance computing, **NeoSapphire AFA products could offer a flexible and secured platform for any heavy-loading application.**

### Data Protection



NeoSapphire series, with its **FlexiRemap®** software technology and shared-nothing architecture, **provides a proven AFA platform for data integrity and data protection.** We deliver 99.9999% reliability and enables comprehensive data protection across the enterprise. Instant failover, space-efficient snapshots and backup and the worry-free active-active design - presents low PRO and RTO with instant recovery.

### High Performance



**Enjoy the stunning performance of All-Flash Array even under intensive workloads and complicated regulation.** With over 1 million IOPS under 4KB random data access, the NeoSapphire series outperforms others in the market as other AFAs with RAID technology may only achieve limited IOPS. Application acceleration and uninterrupted performance of NeoSapphire All-Flash Array assist you in handling the most demanding IT requirements.

## NeoSapphire All-Flash Array



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