

Simplifying GDPR Compliance

Mitigate risk and derive business value as you take on the EU General Data Protection Regulation



**Hewlett Packard
Enterprise**



Welcome

Complying with new and multi-faceted regulations can be a challenge for your business. At HPE, we break down all aspects of GDPR into modules. Read through and pick and choose the solutions you need to cover your business, all provided with our quality and expertise as standard.



Table of contents

- 04 Introduction
- 06 A quick guide to GDPR
- 09 The business opportunity
- 10 GDPR compliance
- 11 Personal Data Assessment
- 12 Safeguarding personal information
- 14 The right to be forgotten
- 15 Notifying of security breaches
- 16 Privacy by design
- 17 Requirements for GDPR compliance
- 18 Partner with HPE



Accelerating growth... securely

The new EU General Data Protection Regulation (GDPR) is currently the world's most important regulation involving individuals' information, because data is the currency of successful business. GDPR sets the foundation for how multi-national organizations protect, and derive value from, sensitive customer information. HPE delivers a flexible, modular, intelligent set of solutions to help customers identify and take action on customer data in accordance with GDPR. Armed with deep insight into customer data, organizations can streamline and drive cost efficiencies into the process of protecting, leveraging, and taking action on this information. All with the peace of mind that compliance and security are taken care of with expert solutions.

“We should not see privacy and data protection as holding back economic activities. They are, in fact, an essential competitive advantage.”

- EU's Vice President of the Digital Single Market, Andrus Ansip¹

Hewlett Packard Enterprise can help enterprises grow securely. This e-book offers insights into the GDPR and shows example of HPE solutions and customer use cases which protect the digital enterprise.

A video player interface showing two men in suits sitting at a table. A large green play button is centered over the video. Below the video, there is a text overlay. At the bottom of the player, there are standard video controls including a progress bar, volume icon, and full screen icon. The progress bar shows 0:19 / 7:10.

In April 2016, General Data Protection Regulations were updated in Europe.

0:19 / 7:10

Data privacy as a fundamental human right

A quick guide to the General Data Protection Regulation



New pan European Regulation designed to protect the privacy of EU citizens

Applies also to companies outside the EU that deal with EU citizens' data

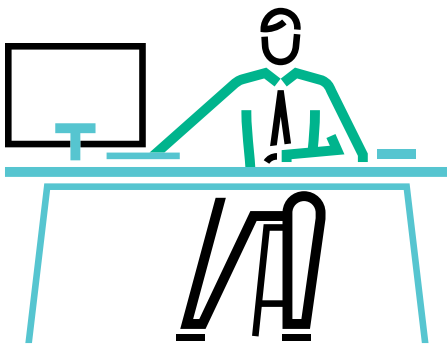


Enterprises must start preparing for the enforcement date of May 2018

Some exceptions for enterprise with less than 250 employees



Reduces complexity for organisations dealing with Personally Identifiable Information (PII)



Introduces requirements of privacy by design and the 'right to be forgotten'

The risks of non-compliance

- Fines of up to 4% of parent company annual revenue (max. 20 million Euros)
- Mandatory breach notification within 72 hours unless the PII was encrypted



Protecting the digital enterprise

At HPE we see the next 2 years as a period of opportunity for enterprises to take a holistic view to IT security, data security and information management. We feel those who take this opportunity can then accelerate their digital business with more confidence and better protect their brand and reputation.

The HPE advantage:



23B Security Events Monitored Monthly



67 + global security operations centres for some of the World's largest Enterprises



Click to hear a podcast on how GDPR enables enterprises to succeed

Security is not only about fighting off the bad guys. In the modern business world, better protection of the digital enterprise is seen as real competitive advantage. Forrester believes that privacy is a means by which firms can build trusted customer relationships that drive loyalty, retention, and revenues.²

² www.blogs.forrester.com/enza_iannopollo/16-04-20-the-eu-general-data-protection-regulation-gdpr-is-here

What GDPR means for the enterprise

Compliance can be complicated. HPE makes it easier than ever to take on big changes with certainty. For every challenge, we have a product in our portfolio that answers the need:

Personal Data Assessment

- Build a common operating model to deal with a privacy or cyber breach
- Create and test a robust cyber resilience plan

Protect Personally Identifiable Information

- Protect data in use, in transit and at rest to ensure that when a breach occurs the information remains confidential

Enable the Right to be Forgotten

- Take control of data throughout its lifecycle

Notify breaches within 72 hours

- Identify and contain breaches and enable a comprehensive response to threats
- Harden applications to identify and address vulnerabilities

Personal Data Assessment

Classify GDPR-responsive data first

Not all data that an organization stores is in scope with GDPR. Failure to determine the subset of your information that is subject to GDPR regulations may result in accidental non-compliance, as inefficacy and added cost.

HPE ControlPoint and HPE Structured Data Manager are optimized to help you quickly and efficiently determine what portion of your unstructured and structured information respectively are responsive to these regulations.

Powered by rich HPE analytics, these technologies bridge formerly distinct data silos, deliver granular insight into information, and surface only the most-critical and sensitive data. With this insight, organizations can automate the classification and tagging of the right information, so only in-scope data is managed, secured and governed based on GDPR regulations for maximum protection at minimal cost and effort.



Effectively safeguard Personally Identifiable Information

Protect your data in use, in transit, and at rest

The new GDPR calls out encryption as an approach to mitigate risks associated with the processing of sensitive data, including the need to accept that information in any format is to be addressed – hard copy, audio, visual and alpha-numeric. Companies must also meet the challenge of protecting payment card information and personal health information to ensure the online security of customers. HPE has one of the largest and most varied portfolios for encryption and security:

- HPE Enterprise Secure Key Manager (HPE ESKM), which helps protect sensitive PII and PHI with strong encryption key management for data at rest.
- HPE SecureMail - endpoint-to-endpoint encryption for sensitive emails and attachments.
- HPE SecureData protects sensitive data across the enterprise, at rest, in motion and in use, with HPE Hyper Format-Preserving Encryption (FPE), HPE Hyper Secure Stateless Tokenization (SST) and HPE Stateless Key Management.

See how HPE encryption tools helped Allegiant Air comply, by taking thousands of customer credit card details down to zero, lessening exposure and improving customer service

[LEARN MORE](#)

Protecting personal data can increase your profits:



Click to find out how Allegiant Air keeps customer banking data safe with smart HPE technology



Click to find out more about "Taking a Data-Centric Approach to Data Security"



Enabling the ‘right to be forgotten’

Mitigate Risk and Drive Value with Better Information Control

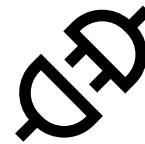
The Hewlett Packard Enterprise information governance product line brings together a number of market-leading products that can be integrated in a modular fashion to:



Access and understand human and computer-generated information without bias to repository or location.



Organize and control this data with a centralized policy engine.



Intelligently manage and take action upon this data in accordance with data privacy, legal and compliance, and business objectives.

Key products in the portfolio include the HPE Verity suite and the Verity Information Archiving module, Content Manager, ControlPoint, and Structured Data Manager.

[LEARN MORE](#)

See how compliance can equal business opportunity:



Click to find out more about “Information Governance in EMEA: Where Compliance Can Save You More than It Costs”



Click to find out more about “The International Criminal Court reduces risk by boosting big data capacity”

The challenge of notifying breaches within 72 hours

Enhance your overall security posture to enable a prompt response to threats



72 hours

84%

GDPR requires breach notification within 72 hours, when data has not been encrypted, but typical organisations are unaware they have been breached for over 150 days. HPE Operation Security (ArcSight) products can rapidly identify the early signs of potential breaches enabling security operations teams to take control and prevent personally identifiable information from being stolen.

Our research shows that typically 84% of breaches are due to application vulnerabilities. Our technology can identify vulnerabilities and remediation steps in existing source code, as code is being written plus it can protect running applications from attacks. HPE Application Security (Fortify) products can help customers remove the most prevalent source of privacy breaches.

Find out more about cyber risk and how it affects your business:



Click to find out more about "Ponemon Institute Cost of Cyber Crime Study"



Click to find out more about "2016 Cyber Risk Report and Executive Summary"

Ensuring ‘privacy by design’

Rethink the way PII is handled

Regulatory and legislative needs are diverse and complex, and an interpretive challenge for any company, let alone an individual. Operate across borders and that complexity increases exponentially. Throw into the mix tighter mandates and fines based on global turnover and the need to prove compliance becomes critical.

Here at HPE, our Enterprise Services Security consultants collaborate to strategically align your policy, technologies, people and processes. They bring knowledge honed in the most complex regulatory environments, embodied in a unique Cyber Reference Architecture.

Our Managed Security Services (MSS) and data protection solutions lessen the burden, meaning your business is ready to comply and thrive in the digital era. With MSS, security becomes a business enabler.

[LEARN MORE](#)

Find out more about how security
can boost your bottom line at:



Click to find out more about
“Choosing your security
transformation partner”



Click to find out more about
cyber resiliency

Requirements for GDPR compliance

The smart approach is to take GDPR compliance in a methodical, modular fashion. HPE views the following as specific use cases which should be addressed.

USE CASES	HOW HPE DELIVERS
<p>Personal Data Assessment What and where is the information that will fall under GDPR regulations?</p>	<ul style="list-style-type: none"> • HPE ControlPoint • HPE Structured Data Manager
<p>Defensible Disposition How do I identify information for disposition, in accordance with “the right to be forgotten”</p>	<ul style="list-style-type: none"> • HPE ControlPoint • HPE Structured Data Manager
<p>Secure Content Management How do I best apply and enforce policies to manage information through its lifecycle?</p>	<ul style="list-style-type: none"> • HPE Secure Content Management Suite
<p>Litigation Readiness and Response How can I quickly and cost-effectively respond to legal matters requiring information under my management?</p>	<ul style="list-style-type: none"> • HPE Verity Suite
<p>Adaptive Backup and Recovery How do I best ensure sensitive data is protected, stored and backed up securely?</p>	<ul style="list-style-type: none"> • HPE Adaptive Backup and Recovery Suite • HPE Enterprise Secure Key Manager (ESKM)
<p>Encryption and Pseudonymisation How do I ensure my sensitive customer and employee data (PII, PHI, PCI) is protected?</p>	<ul style="list-style-type: none"> • HPE Adaptive Backup and Recovery Suite • HPE SecureData, HPE Atalla HSM • HPE Secure Mail and HPE ESKM
<p>Breach Response and Reporting How do I know if I have already been breached? And how quickly after a breach has taken place can I enable the security operations team to take steps to contain it, recover and find the root cause?</p>	<ul style="list-style-type: none"> • HPE ArcSight • HPE Secure Data, HPE Atalla HSM • HPE SecureMail and HPE ESKM
<p>Breach Prevention and Neutralization How can I neutralize the impact of a data breach?</p>	<ul style="list-style-type: none"> • HPE ArcSight • HPE Fortify • HPE SecureData, HPE Atalla HSM • HPE SecureMail and HPE ESKM



HPE delivers a modular set of solutions mapped to specific GDPR use cases to help organizations simplify compliance and make GDPR a positive differentiator for their business.

Contact us to make your GDPR journey a success.

[CONTACT US](#)