Ticking the GDPR compliance boxes.

The General Data Protection Regulation (GDPR)

GDPR came into effect on the May 25, 2018. The purpose of the regulation is to improve the privacy and security of personal data for EU citizens globally. These regulations also apply to organisations outside the EU that want to deliver services to EU citizens. Penalties for breach of personal data where GDPR security controls have not been applied are significant.

The GDPR regulations require organizations to process personal data securely. Article 5(1)(f) concerns 'integrity and confidentiality' of personal data – in short, it is the GDPR's 'security principle'. It states that personal data shall be:

'Processed in a manner that ensures appropriate security of the personal data, including protection against unauthorized or unlawful processing and against accidental loss, destruction or damage, using appropriate technical or organisational measures'

idenprotect has a number of key security functions and features to help manage risk. An idenprotect solution combined with the actions of people and process can help solve many of the technical security requirements of GDPR. Controls such as consent capture, data management, data-access governance and application security allow a multi-layered approach to compliance. The ability to manage risk builds trust and assurance amongst customers and computer users alike.

The following section outlines some of the areas where GDPR can be addressed in line with the control mandates.

> *"E-privacy is simply indespensable. It is essential, it is a missing piece in the jigsaw of data protection and privacy"*
>
> Giovanni Buttarelli - European Data Protection Supervisor for the European Data Protection Authority (EDPS)

MANAGING USER DATA

With a simple approach to managing users and their data, idenprotect is a resilient solution where data stays safe. It has several synchronized mechanisms to ensure that the integrity of data remains consistent and that data synchronization tasks can be run in real-time or as part of a schedule. idenprotect can restore the availability and access to data in a timely manner in the event of a physical or technical incident. The ability to manage user details and transactions in a consistent and resilient manner helps ensure security, integrity and consistency for authorized access to resources.

Addresses GDPR articles 15, 16, 17, 20, 25

CONSENT OF USERS

idenprotect is unique in the fact that it can record any consent given or withdrawn by a user through using digital signatures as a method to confirm and timestamp the user's decision. Due to the signing key being under the sole control of the user, this provides a non-repudiable record of consent.

Addresses GDPR articles 7, 8

SECURE CUSTOMER DATA

idenprotect has a number of data protection controls to ensure that confidentiality, integrity and availability are appropriately maintained whether data is in transit, at rest or in use. Security features include data encryption, using industry accepted key management methods, audit logging on system access, tamper-evident logging, active and passive alerts, integration with third-party monitoring tools and custom reporting.

Addresses GDPR article 32

DATA ACCESS GOVERNANCE

idenprotect provides granular controls so that internal and external applications are allowed access to only specific attributes of the user's digital identity where necessary.

Addresses GDPR article 25

SELF-SERVICE FOR USERS VIA THE USER PORTAL

The idenprotect User Portal allows users to see and make changes to their data in a secure and auditable way.

Addresses GDPR articles 15, 16

SUMMARY

The purpose of the GDPR regulation is to improve the privacy and security of personal data for EU citizens globally. These regulations also apply to organisations outside the EU that want to deliver services to EU citizens. Article 5(1)(f) of the regulation is directed towards the 'integrity and confidentiality' of personal data – in short, it is the GDPR's 'security principle'. idenprotect will help your organization meet the 'security principle' as well as other key GDPR requirements that have been designed to protect and preserve confidentiality and integrity of personal data and to protect access to that data. Using idenprotect will not only provide you with a secure and robust solution, it will also provide you and your organisation with peace of mind regarding GDPR compliance.

About idenprotect

idenprotect is the first all-in-one password-free authentication, single sign-on and identity platform for organisations. Leading organisations use idenprotect to improve security, meet regulatory mandates and reduce complexity and costs It eliminates the hacker's #1 target—the password—to protect against fraud, phishing and credential theft. It makes employee access and customer payments and transactions more secure. It can be deployed quickly and promises a much better user experience.

The future is password-free

We'd love to show you how idenprotect can give your organisation the security and simplicity it needs.

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