

May 2018

GDPR Implementation: What You Need to Know

How RSD can help you to meet the regulation!



The EU General Data Protection Regulation (GDPR), the most important change in data privacy regulation in two decades, took effect on May 25, 2018. GDPR changes the way organizations conduct business in the European Union (EU).

What is it?

The EU General Data Protection Regulation (GDPR) was designed to harmonize data privacy laws across Europe, to protect and empower all EU citizens' data privacy and to reshape the way organizations across the region approach data privacy.

The objective of the EU is to allow better control of personal data on:

- **Access to data**
- **Data portability**
- **Rectification and erasure**
- **The possibility of being informed in the event of piracy of personal data**

The new legislation is designed to place responsibility and accountability on companies that handle personally identifiable information (such as name, photos, email addresses, bank details, medical information or computer's IP address) to ensure that this "Personally Identifiable Information" is properly secured.

When?

The GDPR took effect on May 25, 2018. Gartner predicts that by the end of 2018, more than 50% of companies affected by the GDPR will not be in full compliance with its requirements.*

* Source: "Gartner Says Organizations Are Unprepared for the 2018 European Data Protection Regulation" – May 2017

Who is impacted?

If you market to or process the personal data of subjects residing in the EU, you need to learn how to address key data protection requirements. The GDPR will affect not only EU-based organizations, but many data controllers and processors outside the EU as well.

What does the regulation say about protecting data?

GDPR Article 32: Security of Processing states: "the controller and the processor shall implement appropriate technical and organizational measures to ensure a level of security appropriate to the risk"

- (a) The **pseudonymization** and **encryption** of personal data
- (b) The ability to ensure the ongoing confidentiality, integrity, availability, and resilience of processing systems and services
- (c) The ability to restore the availability and access to personal data in a timely manner in the event of a physical or technical incident
- (d) A process for regularly testing, assessing and evaluating the effectiveness of technical and organizational measures for ensuring the security of the data processing

What are the penalties?

Companies can face severe regulatory fines for failing to keep personal data appropriately secure. Organizations in breach of GDPR can be fined up to 4% of annual global turnover or €20 Million (whichever is greater).

More importantly, the media coverage following such a finding can cause substantial damage to a brand.

What type of documents can you protect using pseudonymization and encryption with RSD solutions?



Banking and Financial Services

Management of electronic banking processes, issuance of credit cards, regulatory financial reporting, stock exchange and trade transactions, account history, dispute processes, account banking statements



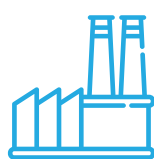
Government

Contracts, HR documents (pay slip, salary certificate), tax report, images (plan, marketing materials, pictures), videos (interviews, recorded meeting, conference), digitization of mails (in and out)



Insurance

Account ID, notice to pay, invoices, identity cards, customer inquiries and responses, social-security cards (health insurance), declaration of real estate property and financiers (contracts, life insurance)



Manufacturing, Service Industries

Customer invoices and payments, shipping / delivery information, sales transaction processing, polling cards, digitized media related to customer communications and transactions

EOS 360 is a comprehensive enterprise report management software system designed to efficiently manage the archival, retrieval, and distribution of computer-generated reports while ensuring confidentiality and security.

For over 40 years, organizations worldwide have used EOS to dramatically reduce, if not eliminate, reliance on print distribution of their computer-generated output. The solution is available for z/OS or for Open Systems. EOS also helps in reducing z/OS operational costs.

EOS modules supporting the GDPR regulation



Encryption Feature

- Transparent data encryption/decryption process for users
- Support for z/OS & Open Systems



Track User Activity

- Track the action of your users and, in case of problems, identify the action that was performed/taken



Field Masking Feature

- Allow masking (partially or completely) of sensitive fields in report displays and in report extracts, for specific users and specific types of reports



Statistic Based on Utilization

- Get information on report utilization and user connectivity



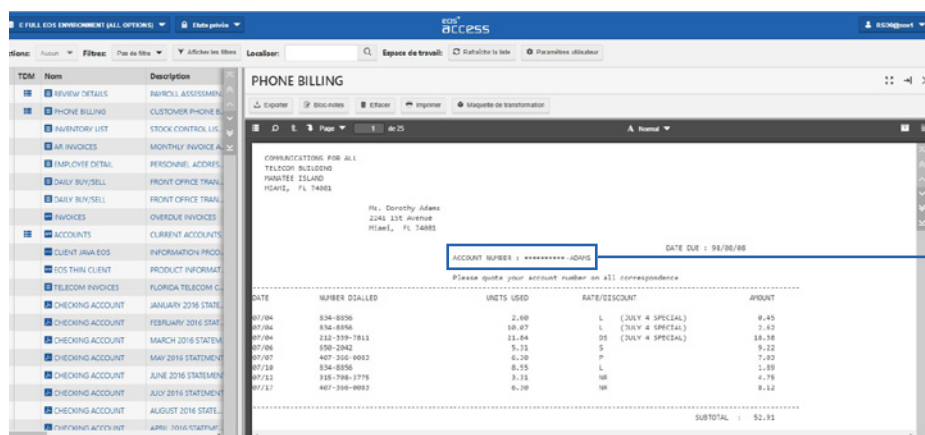
User Access Control

- Enable the definition of user access authorizations
- Control viewing of personally identifiable information
- Control authorized access to documents per user



Monitor the Application

- Monitor EOS activity to identify positive and negative trends
- Provide view into application performance and uptime



DATA IS ANONYMIZED USING THE FIELD MASKING PROCESS

ENCRYPTION PROCESS IS TRANSPARENT FOR THE USERS

Folders

RSD Folders is a software platform that can archive and access high volumes of documents in various formats and from different sources, at a low operational cost.

Folders focuses on personal data security. It allows companies to rethink the way they archive documents and output streams. Preserving information for compliance, tax, sales and retention requires an innovative platform. Our solution is scalable and flexible to adapt to a corporation's individual technology standards and archiving strategies.

With 40+ years of experience, RSD has reliably collaborated with its customers on Document Archiving solutions.

Folders modules supporting the GDPR regulation



Encryption Feature

- Transparent data encryption / decryption process for users
- Support for z/OS & Open Systems



Lifecycle Management Until Disposal

- Automatic process, based on company's records management policies, stores documents for the correct retention period



Field Masking Feature

- Allows masking (partially or completely) of sensitive fields in document displays and extracts, for specific users and specific types of document
- Does not change Original Document



Track User Activity

- Track the action of your users and, in case of problems, identify the action that was performed/taken



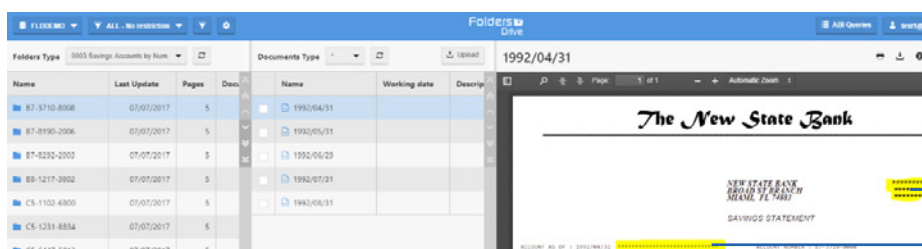
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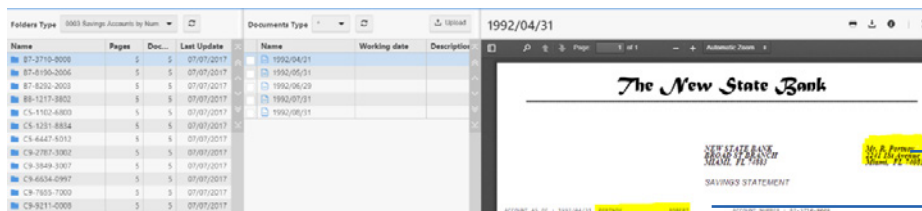
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USER A

DATA IS ANONYMIZED USING THE FIELD MASKING PROCESS




USER B

DATA IS VIEWABLE

- DOCUMENTS ARE NOT DUPLICATED
- ENCRYPTION IS TRANSPARENT FOR USERS

How RSD Products can help support the GDPR regulation?

| |  |  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What is it? | Output Management Solution | Document Archiving Solution |
| How is it used | Manage all aspects of the data lifecycle from capture, to defensible disposition, while providing secure access and process oversight for output management. | Document archive, any format (AFP,PDF,TXT,image, video, etc.), data flow |
| Strengths | <ul style="list-style-type: none"> • Scalable and reliable solution managing high volumes of reports • Easy to install and manage with new modern user interface • Focus on security and audit | <ul style="list-style-type: none"> • Source and Format of information agnostic • Scalability - high volume of archives • High speed ingestion rates of large data streams • Enforcement of security and policies |
| Use cases | <ul style="list-style-type: none"> • Management of high volumes of reports to be ingested (uploaded), stored and distributed to end-users • Need for a secured report distribution to end-users for compliance reasons • Cost optimization with ingestion on z/OS platform and distribution from Open platforms | <ul style="list-style-type: none"> • Application Decommissioning (z/OS & other legacy applications) • Business Application Archives • Digital Archive Repository |
| Who? | Banking and financial services Insurance Government Manufacturing, Service Industries | All companies and HR departments |
| Support for GDPR regulation | ENCRYPTION PSEUDONYMIZATION USER ACCESS CONTROL AUDIT & USER MONITORING | ENCRYPTION PSEUDONYMIZATION USER ACCESS CONTROL AUDIT & USER MONITORING |

Contact Us

For additional information about how RSD can help you to meet the GDRP regulation, email us at info@rsd.com or contact your local sales representative.

About RSD

Headquartered in Geneva, with offices in the US and in Asia, RSD develops and sells enterprise-grade software solutions to help its Customers to make a change in the way they use and manage their hybrid IT environment.

Built upon 40 years of expertise and highest standards, RSD's offerings enable customers to optimize IT resources in an ever more challenging and hybrid world. Thanks to innovative solutions and a flexible license model, RSD helps companies to reduce further their existing IT operating costs. RSD has built a strong and loyal customer base of Fortune 2000 companies with millions of users worldwide. RSD offerings are available around the globe – both directly and through business partners.

