



Practical tips to help businesses prepare for GDPR.

Presented by Jack Byrne

GDPR will come into law on the 25th, May 2018

The EU General Data Protection Regulation (GDPR) replaces the Data Protection Directive (DPD) 95/46/EC and 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.

Source: <http://www.eudgpr.org>

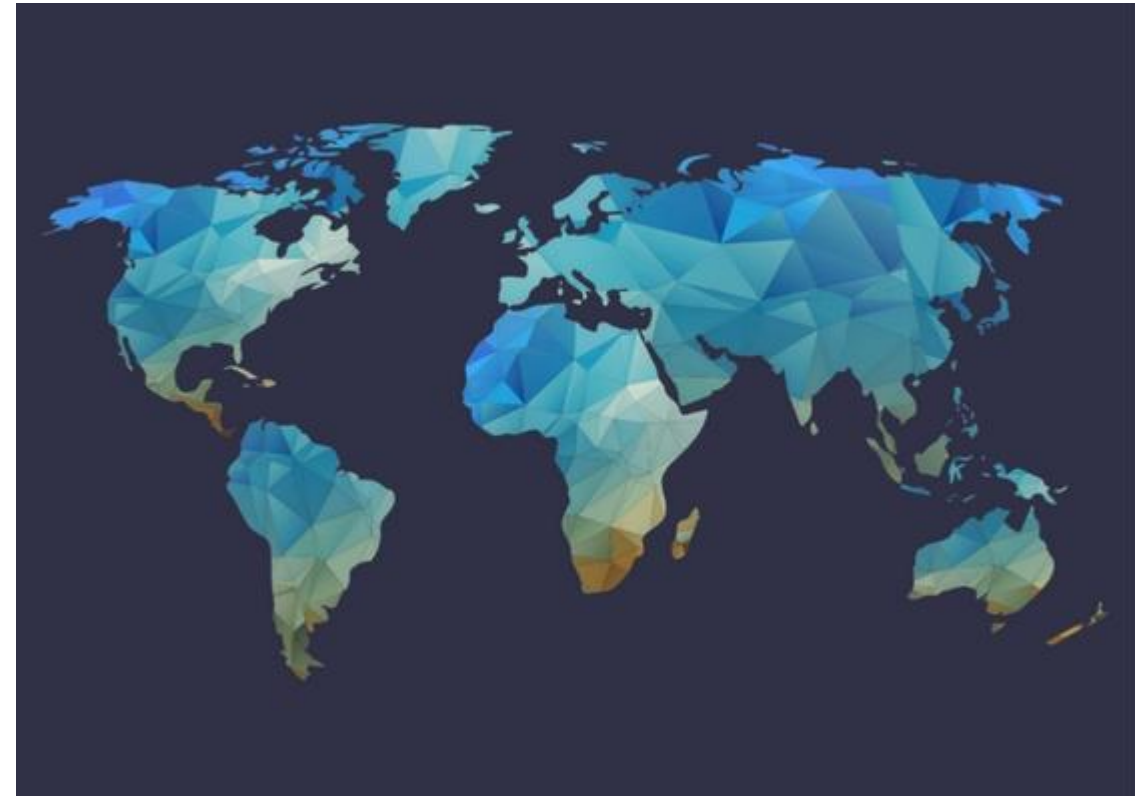
- The right to be informed
- The right of access
- The right to rectification
- The right to erasure
- The right to restrict processing
- The right to data portability
- The right to object
- Rights in relation to automated decision making and profiling

The scope of the GDPR is **“personal data”** which is defined in Article 4 **“as any information relating to an identified or identifiable natural person who can be identified, directly or indirectly, by reference to an identifier”**.

Identifiers listed in Article 4 include name, identification number, location data and other identifying factors such as physical, mental, and cultural among others.

200 Personal Data Types from 50 countries

- Privacy and Personally Identifiable Information (PII)
 - Designed for compliance with global data protection laws
 - Detects over 200 types of PII from 50 countries
 - Includes national IDs, HIPAA / PHI
- Financial Data Types include
 - Cardholder Data (PCI DSS)
 - Bank Accounts, SWIFT and IBAN details
 - United Kingdom NI Number
- Personal Data and Medical Records
 - Mailing Address / Drivers License / Telephone Number
 - Health and Care #, NHS Number, Health Insurance Claim
 - European EHIC, Generic License, Passport
 - Personal Name, DOB, Email Address, Login Credentials



“Right of Access- SAR”

In brief...

Under the GDPR, individuals will have the right to obtain:
confirmation that their data is being processed; access to their personal data;

and

other supplementary information – this largely corresponds to the information that should be provided in a privacy notice.

Custom Scan Capability

- Both Structured & Unstructured Data
 - Design any data type based on a consistent pattern
 - Helps SAR's enquiries
 - Store cards, Loyalty cards, Membership cards
 - HR ID's, Customer service no's, warranty no's
 - Sales ID, Tracking no's, Ticketing no's
 - Simple GUI based regex or scripting language option
 - Find evidence of employee fraud, data theft, intellectual property, proprietary customer ID, combinations of any existing data type

Add Custom Data Type

Describe Your Data Type

Add Rules [View rules as expression](#)

[+ Add](#)

Phrase	<input type="text" value="Jane Wilkinson"/>	Delete
Phrase	<input type="text" value="45 Roaming Drive"/>	Delete
Phrase	<input type="text" value="89387465934"/>	Delete

[▶ Advanced Options](#)

[Confirm](#) [Cancel](#)

“Right to Erasure”

In brief...

The right to erasure is also known as ‘the right to be forgotten’. The broad principle underpinning this right is to enable an individual to request the deletion or removal of personal data whether there is no compelling reason for its continued processing.

We scan all your data stores

OPERATING SYSTEMS



EMAIL SERVERS



DATABASE SERVERS



CLOUD & BIG DATA



We scan over 200 different file formats

ENTERPRISE RECON

- DASHBOARD
- TARGETS
- SCANNING
- NETWORK CONFIGURATION
- USERS AND SECURITY
- MONITORING AND ALERTS
- DOWNLOADS
- MY ACCOUNT
- LOGOUT

Dashboard

Welcome Administrator!

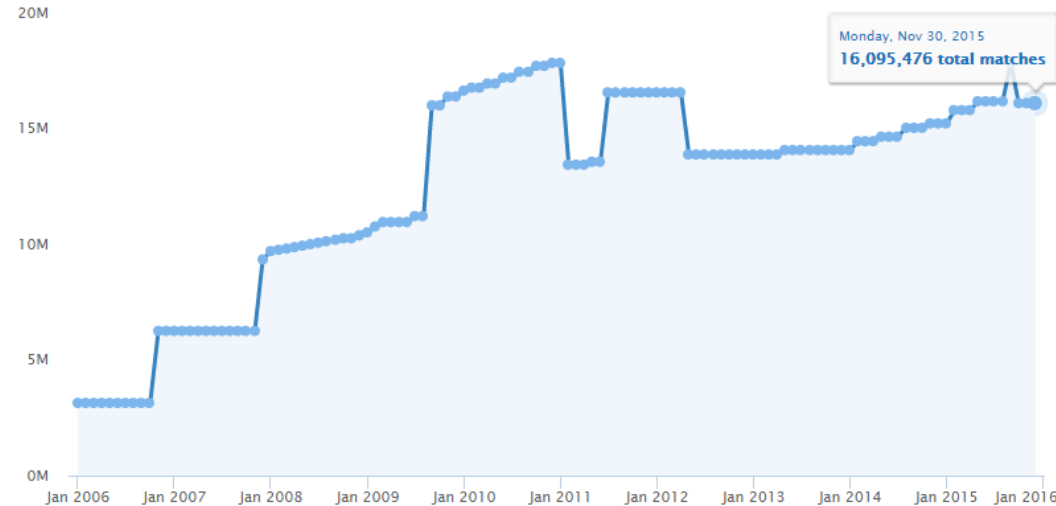
All Groups ▾ / All Targets ▾ / All Types ▾

Start Search

Summary Report

Matches

Last 10 years ▾



Summary

15,776,265 matches in 13 targets

319,864 matches with prohibited data

11,394 matches with test data

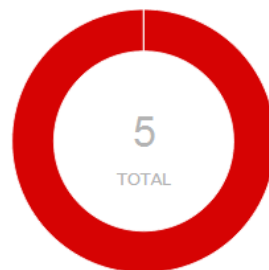
Target Types

dropbox	11,128,089
file	4,956,635
memory	10,576

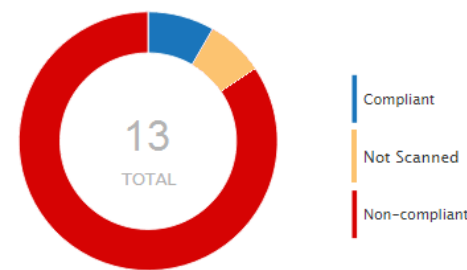
File Formats

ZIP Archive	71,533
Microsoft Office Document	71,050
Microsoft Access Database	68,798
MIME Email	9,487
Adobe Portable Document	6,940
Outlook Mail Database	4,239
JPG Image	750
SQLite Database	582
DBase Database	572
7Zip intermediate stream	164
UNIX Tape Archive	148
GZip Archive	103
WAV Media	49
Outlook Express Database	39

Groups



Targets



Built in remediation functionality

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Targets > DROPBOX:STAFF2@GROUNDLABS.COM

Welcome Administrator!

Remediate Stop Remediation

Filter Search Location Target Report

Location	Owner	Types
2009 records/accounts-2009-07-01.xls		63,794 Matches
2009 records/accounts-2009-08-01.xls		63,794 Matches
2009 records/accounts-2009-09-01.xls		63,794 Matches
2010 records/accounts-2010-01-01.xls		63,794 Matches
2010 records/accounts-2010-02-01.xls		63,794 Matches
2010 records/accounts-2010-03-01.xls		63,794 Matches
2010 records/accounts-2010-04-01.xls		63,794 Matches
2010 records/accounts-2010-05-01.xls		63,794 Matches
(ms excel)		63,794 Matches

1,000 Matches

Cardholder Data (961)

- VISA 422858#####6364 Sina,Bustard,255 Pospishil Ln,Riley NC,422858#####6364,1/11
- 357983#####0693 Anika,Huhtasaari,393 Croom Ln,Horatio AR,357983#####0693,2/12
- VISA 427977#####1603 Chiquita,Vlcek,416 Sadik Pl,Bethel Gospel Park OR,427977#####1603,7/11
- VISA 454942#####5926 Justine,Carlino,372 Sauberan St,Bath SC,454942#####5926,10/12
- 556510#####8210 Nieves,Keaney,120 Sorg Rd,Medway NY,556510#####8210,12/11
- VISA 468060#####4918 Sherrell,Mosby,346 Riese Pl,Alder CO,468060#####4918,11/12
- VISA 496973#####5129 Vasiliki,Medick,518 Terpstra Rd,Normandee Heights FL,496973#####5129,8/12
- VISA 417779#####2384 Georgeann,Zehrbach,930 Knittel Ln,Claridon OH,417779#####2384,11/11
- Tiffani,Hariri,257 Halligan St,Chaparral West UT,451079#####1188,12/12

Remediated Logs

- Permanent Delete (existing)
 - Deletes files permanently using secure erase methods
 - Renders data unrecoverable by undelete tools
- Secure Quarantine
 - Relocate files to a secure location of your choice
 - Secure deletes existing location unrecoverable
- Encrypt
 - Secure a file within its existing location
 - Moves the file into an AES encrypted zip file
- Mask / Redact
 - Redact card data with simple file types – retain first 6 / last 4
 - Renders data unusable by criminals

Key Point

Data Protection by Design & by Default

Under GDPR, you have a general obligation to implement technical and organizational measures to show that you have considered and integrated data protection into your processing activities.

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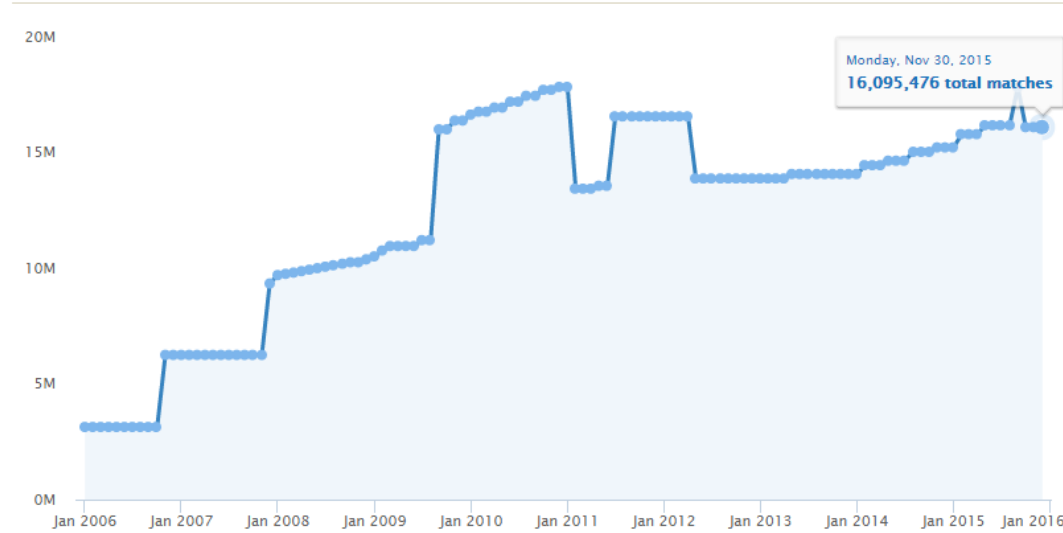
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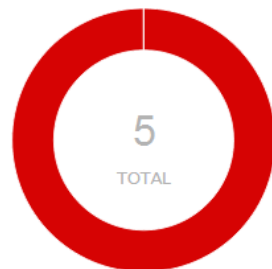
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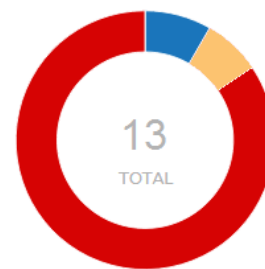
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UNIX Tape Archive	148
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Groups



Non-compliant

Targets



Compliant

Not Scanned

Non-compliant

Breach notification In brief... 72 hrs.

The GDPR will introduce a duty on all organizations to report certain types of data breach to the relevant supervisory authority, and in some cases to the individuals affected.

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All Groups ▾ / All Targets ▾ / All Types ▾

[Start Search](#) [Target Group Report](#)

<input type="checkbox"/> Targets	Comments	Searched	Matches
<input type="checkbox"/> TECHNOLOGY TEAM	! Critical error	16 weeks ago	- 106 Prohibited 🔍 17,240,693 Matches 🧪 826 Test
<input type="checkbox"/> CALLCENTRE		338 weeks ago	- 319,862 Prohibited 🔍 3,977,417 Matches 🧪 11,233 Test
<input type="checkbox"/> CLOUD STORAGE		17 weeks ago	🔍 13,454,164 Matches 🧪 149 Test
<input type="checkbox"/> ▶️ DROPBOX-STAFF2@GROUNDLABS.COM		17 weeks ago	🔍 4,852,378 Matches 🧪 51 Test
<input type="checkbox"/> ▶️ DROPBOX-STAFF3@GROUNDLABS.COM		17 weeks ago	🔍 2,412,580 Matches
<input type="checkbox"/> ▶️ DROPBOX-STAFF1@GROUNDLABS.COM		17 weeks ago	🔍 6,189,206 Matches 🧪 98 Test
<input type="checkbox"/> FINANCE TEAM		280 weeks ago	- 2 Prohibited 🔍 11,367 Matches 🧪 21 Test
<input type="checkbox"/> ▶️ NELLIE	GROUP HOST	280 weeks ago	- 2 Prohibited 🔍 767 Matches 🧪 20 Test
<input type="checkbox"/> ▶️ KUANYI-PC		543 weeks ago	🔍 8 Matches
<input type="checkbox"/> ▶️ SHAHIRAH-PC		306 weeks ago	🔍 10,592 Matches 🧪 1 Test
<input type="checkbox"/> DB SERVERS		289 weeks ago	🔍 659,375 Matches
<input type="checkbox"/> ▶️ DBLINUX2		289 weeks ago	✔ All clear!
<input type="checkbox"/> ▶️ DBLINUX3		306 weeks ago	🔍 319,194 Matches
<input type="checkbox"/> ▶️ DBLINUX1		306 weeks ago	🔍 340,181 Matches

Clients we have helped





ENTERPRISE RECON

- ▶ Software 100% focused on sensitive data
- ▶ Global presence in
 - ▶ Asia , Singapore, Sydney
 - ▶ North America, NY, LA, Austin Texas
 - ▶ EMEA, London, Dublin

- ▶ 2500 customers in 85 countries using our software





**We believe we can help
Get in touch...**

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www.groundlabs.com

