

GDPR: The Missing Piece

LawFest 2018 Tech Talk



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Date: 8th March 2018



Metataxis -
designing the information-centric environment since 2002



Today's Presenter



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Agenda

- Introduction
- GDPR Overview
- Does it impact New Zealand?
- File Analysis tools for GDPR
- Case-study
- What do you do next?

GDPR Summary



- General Data Protection Regulation - (Regulation (EU) 2016/679)
- Replaces the data protection directive (officially Directive 95/46/EC) of 1995
- Enforceable from 25 May 2018
- Directly binding and applicable
- Encompasses structured and unstructured data

Intent & Aims

- Strengthen and unify data protection for all individuals within the EU
- Addresses the export of personal data outside the EU
- Give control back to citizens and residents of their personal data
- Simplify the regulatory environment for international business

References:

https://en.wikipedia.org/wiki/General_Data_Protection_Regulation

<https://www.eugdpr.org/>










<https://ico.org.uk/for-organisations/guide-to-the-general-data-protection-regulation-gdpr/>

<https://www.privacy.org.nz/>

It's about Personal Data

- Any information relating to an individual
- Whether it relates to his or her private, professional or public life
- Name, home address, photo, email address, bank details, posts on social networking websites, medical information, sexual orientation, religion, IP address, etc.
- Regulation does not apply to the processing of personal data for national security activities or law

LEGEND

-  **SOCIAL SECURITY NUMBER**
-  **CONTACT INFORMATION**
(email address, physical address, telephone and mobile numbers)
-  **GOVERNMENT-ISSUED IDENTIFICATION**
(driver's license, passport, birth certificate, library card)
-  **BIRTH DATE, BIRTH PLACE**
-  **ONLINE INFORMATION**
(Facebook, social media, passwords, PINs)
-  **GEOLOCATION**
(smartphone, GPS, camera)
-  **VERIFICATION DATA**
(mother's maiden name, pets' and kids' names, high school, passwords)
-  **MEDICAL RECORDS INFORMATION**
(prescriptions, medical records, exams, images)
-  **ACCOUNT NUMBERS**
(bank, insurance, investments, credit cards)



Personally Identifiable Information (PII) Data Chart

GDPR for an Individual provides...

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 object

The right to data portability



Rights related to automated decision making and profiling

GDPR Sanctions and Penalties



- A warning in writing in cases of first and non-intentional non-compliance
- Regular periodic data protection audits
- A fine up to €10M or up to 2% of the annual worldwide turnover of the preceding financial year in case of an enterprise, whichever is greater
- A fine up to €20M or up to 4% of the annual worldwide turnover of the preceding financial year in case of an enterprise, whichever is greater

GDPR: Impact on New Zealand

- NZ organisations are not exempt
 - Example EU customers shopping with online retailers
- What NZ legislation already exists
 - Privacy Act 1993, with 2013 and 2015 amendments
 - Harmful Digital Communications Act 2015
- How is NZ viewed towards meeting the requirements
 - <https://www.privacy.org.nz/blog/update-on-nzs-adequacy-under-the-eu-data-protection-directive/>
 - "Adequacy" Decision



GDPR: The Missing Piece - File Analysis & Analytics

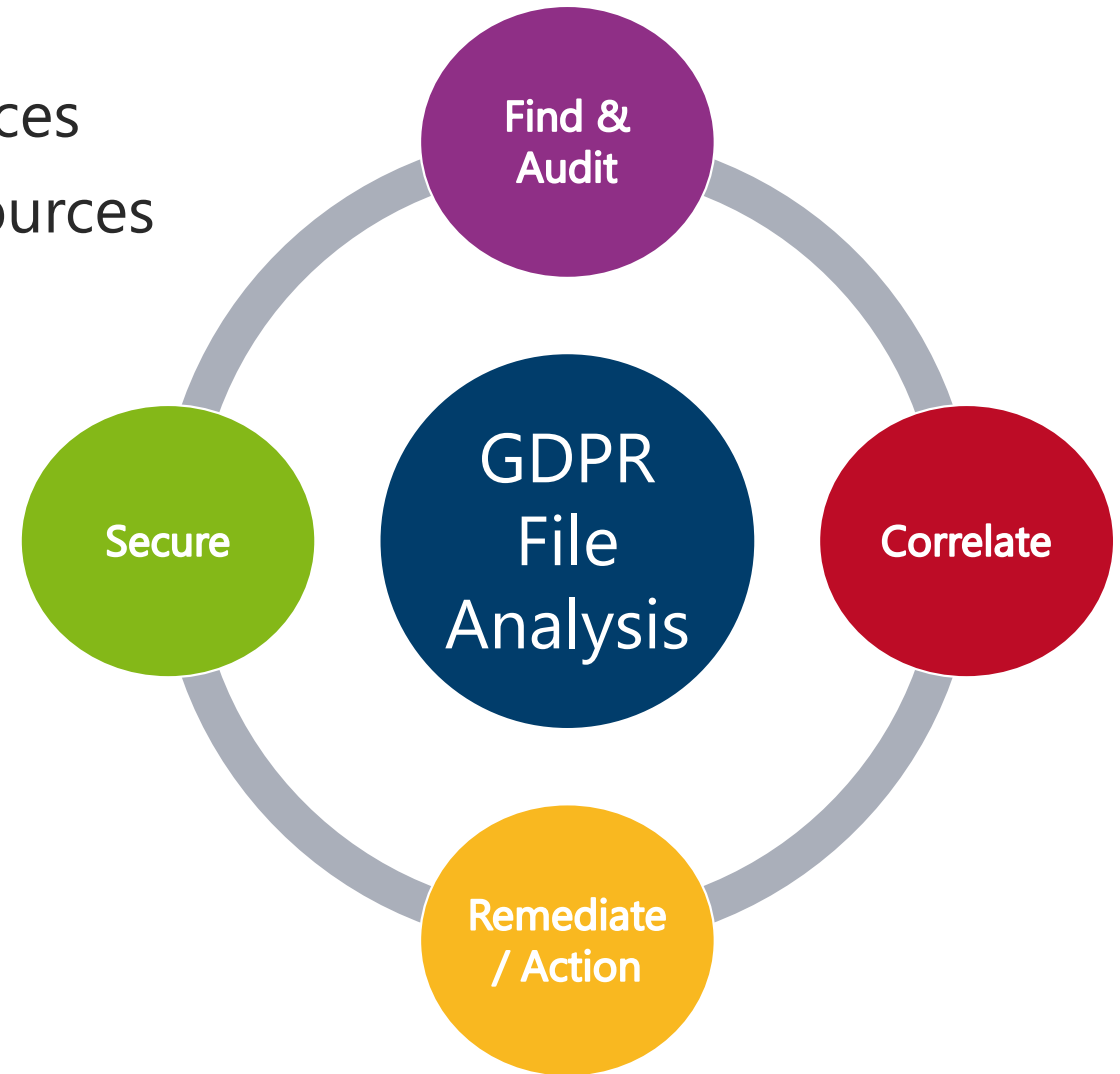
“File analysis enables data architects, legal and security professionals, storage managers, and business analysts to understand and manage unstructured data stores, reduce risk and costs, and make better information management decisions for unstructured data” – (Gartner, 2017)

“Technology can do the heavy lifting when unmanaged documents need to be cleaned up, migrated and mined for insights” – (Forrester, 2017)

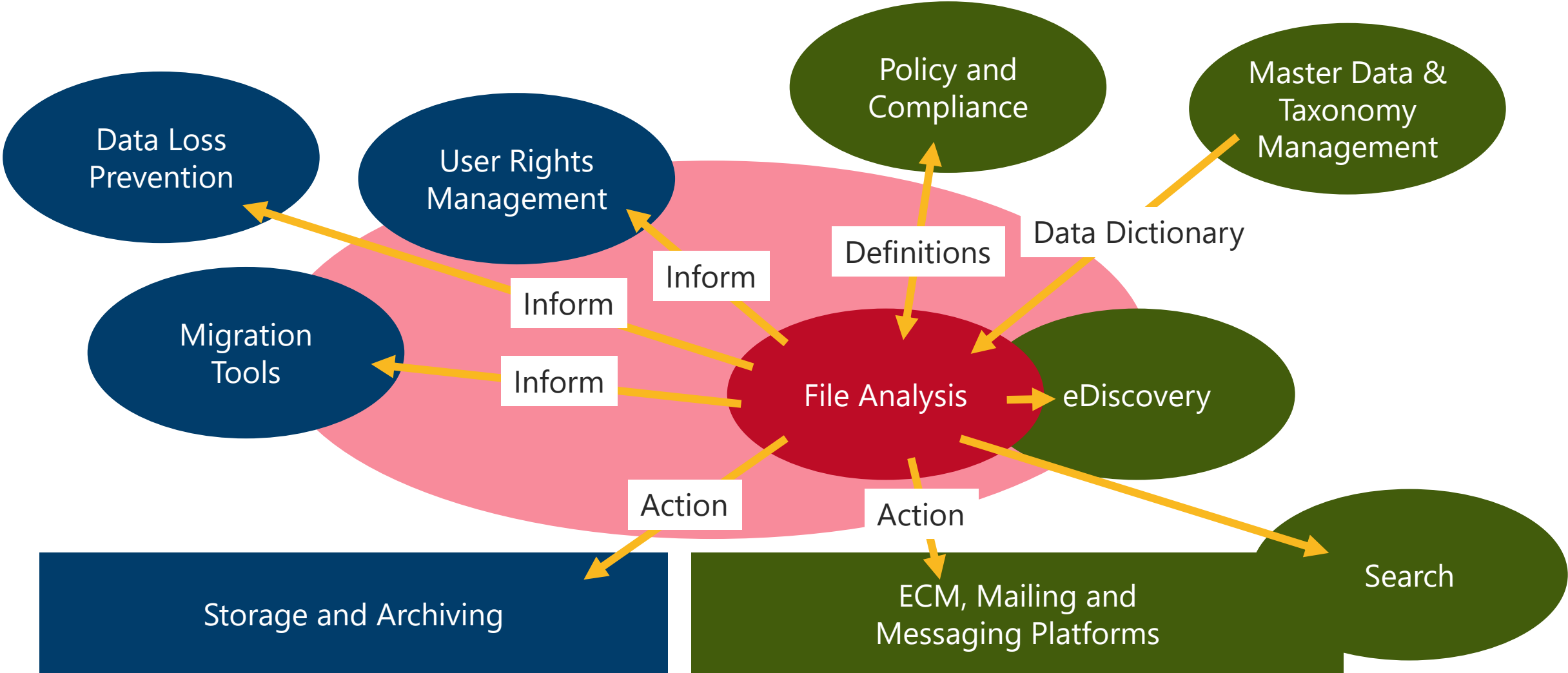


Why File Analysis for GDPR

- Find and Audit all unstructured data sources
- Correlate Consent with structured data sources
- Remediate / Action
- Secure
- Must be Ongoing & Repeatable



GDPR File Analysis Relationships



Case Study: Global Logistics Organisation

GDPR Risks Identified During Acquisition



- EU based logistics organisation specialising in Life Sciences
- Recently acquired by large global USA company

Situation and Security Audit Conducted



- No existing GDPR programme
- Minimal records or information management capability
- IT and IM supporting tools patchy

GDPR Programme Solution Architecture Initiated Utilising File Analysis & Other Tools

Active
Navigation



- Address GDPR compliance and remediate and improve governance
- File Analysis Tools fundamental to address unstructured data & PII

Work Continues to meet GDPR Compliance



- Risk and sensitive data secured
- Migration of data from Share drives to DropBox
- Other complementary tools also used

Thank-you



Further Information - Contact Details

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Active Navigation www.activenavigation.com

- For those leading enterprise/corporate information governance projects
- Who seek to understand and take control of their unstructured data
- We provide file analysis and orchestration software solutions
- So that they can meet their regulatory obligations and release hidden information value in their digital landfill

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- The Metataxis approach to information management ensures practical, flexible, and cost-effective solutions to your information problems.
- Metataxis offers a wide range of information management and information architecture services, including consulting, system implementation and training. We are also acknowledged experts in developing information management solutions using SharePoint.