BRINGING DATA PROTECTION TO LIFE WITH CLASSIFICATION

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Boldon James a QintetiQ Company
WHY CLASSIFICATION?

- Unstructured data growth
- Regulatory pressures
- Data Retention
- 3rd Party Security Solution Effectiveness
- Human error impact
THE CHALLENGE FOR DATA SECURITY

GDPR... has NOTHING to do with technology...
...and EVERYTHING to do with PROCESS.
CAUSES OF DATA LOSS

75% of large organisations who experienced a data breach were due to human error.

50% of the worst breaches were due to human error.

PWC’s 2015 Information Security Breaches Survey
## 5 STEPS TO PROTECT CRITICAL DATA

<table>
<thead>
<tr>
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<th>Step</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Identify</td>
<td>your sensitive data</td>
</tr>
<tr>
<td>2</td>
<td>Discover</td>
<td>location and accessibility</td>
</tr>
<tr>
<td>3</td>
<td>Classify</td>
<td>data according to its value to the organisation</td>
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<tr>
<td>4</td>
<td>Secure</td>
<td>employ security control and protection measures</td>
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<tr>
<td>5</td>
<td>Monitor</td>
<td>measure and evolve security practices</td>
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WHAT IS CLASSIFICATION?

Identify **sensitive data assets** through classification

- **NB** NON-BUSINESS
- **GB** GENERAL BUSINESS
- **IO** INTERNAL ONLY
- **C** CONFIDENTIAL

**Optimise** security investments

**Metadata**

**Handling Rules**

- **STOP**

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Analytics & Event Monitoring (SIEM)
- Data Discovery
- Data Governance
- Cloud Access & Control
- Access Control
- Secure Email
- Archiving & Data Management
- Rights Management
- Email Filtering
- Enterprise Mobility (e.g., MDM)
- Data Loss Prevention (DLP)
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- Data Loss Prevention (DLP)
- Analytics & Event Monitoring (SIEM)
HOW CLASSIFICATION HELPS

Improve accountability
Increase user awareness
Aids discovery
Improve user trust
Demonstrate compliance
Improve DLP effectiveness
Increase user awareness

Aids discovery
Improve accountability
Improve user trust
Demonstrate compliance
Improve DLP effectiveness
Increase user awareness
“To be the data classification solution partner of choice”

We will achieve this by:

– offering the **brodest coverage** of any classification provider

– committing resource to maintaining a **seamless integration** with the solutions our customers and partners choose

– providing unrivalled **customer service and support**

– ensuring that once you choose Boldon James **we will remain current** and enable you to introduce new services or change security solution provider **without affecting your Users**

– offering Plug and Play flexibility, with **no hidden pre-requisites** such as Azure RMS
<table>
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<th>IN SUMMARY</th>
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<tbody>
<tr>
<td>Put a value on your data, then you can protect it more effectively</td>
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<tr>
<td>Involve your users – make them part of the solution, not part of the problem</td>
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<tr>
<td>Consider integration landscape - metadata is the key to success</td>
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<tr>
<td>Start somewhere, don’t wait for a silver bullet. (there isn’t one!)</td>
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<tr>
<td>Monitor activity to identify potential risks and demonstrate compliance</td>
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THANKYOU