Technical Session II:
Multi-Cloud Data Management and Discovery

March 15, 2018 | 1:30 – 2 p.m.
#PSVisionDay2018

Produced By:

Meritalk

Veritas

The truth in information.
Featured Speakers:

David Bailey
Senior Director, Technical Sales, Veritas

Phil Yaccino
Senior Strategist, Information Governance, Veritas
Did You Know, in 2018?

• Data Volume will be over 17 Zb
• 90% of that data will be stored in the Cloud
• Data growth of 4.4 Zb year over year
• 325M+ user of data, 20B+ smart devices and diverse data sources
• Complex Data Environments leveraging Public/Private Cloud, traditional data centers and legacy Clouds
• Unstructured, Semi Structured and Structured data types
• Cost of managing 1 Pb of data – $5.5M
• 52% of your data is stale (over 3 years old) – or you just don’t know what it is…

• 33% of your data is redundant, obsolete or trivial
  • Duplicate files, old log files, unneeded data

• 15% of your data is vital to your organization
  • Current financial data, up to date statistics and analytics
The problem with data, especially multi-cloud data...

- Data Creators are mostly data packrats. They fear to delete data because we may need it later.
- They do not want to lose what they have and in some extreme cases, cannot live without all of the data they have generated.
- This behavior causes a big problem.
Veritas Information Classification

Reveals the value and risk of data assets to ensure proper retention and access. Metadata enrichment to enhance discovery and data mining.
Information Classifier – the key to actioning your data

- U.S. Federal Regulations
- U.S. State Regulations
- Healthcare Regulations
- Personally Identifiable Information
- Corporate Compliance
- Financial Compliance
- International Regulations

For Example…
- Driver’s License
- Medicare #
- Birthdates
- Credit Card #
- Medical Procedures

HIPAA Policy
Information Classifier

- HIPAA Policy Classification Patterns – Credit Card
Information Classifier

- Sample HIPAA Policy Classification Test Results
- Medical Procedure Hits
The Electronic Discovery Process

Electronic Discovery Reference Model

VOLUME

RELEVANCE

Electronic Discovery Reference Model / © 2014 / v10 / edrm.net
eDiscovery Business Challenges

The Cost of Collecting eDiscovery Data

• **Business challenge**
  – Heavy costs associated with diverse collections

• **IT problems**
  – Collecting from email
  – File Servers
  – SharePoint
  – Domino
  – Office365

Difficulty Maintaining Compliance Requests

• **Business challenge**
  – Ever increasing demand for FOIA requests
  – New and regularly changing compliance requests
  – Increase in complexity on FOIA requests

• **IT problems**
  – Collecting data specified in these requests
  – Processing and Presenting the data in a reviewable manner
  – Classification of content is next to impossible
Solution

Difficulty maintaining compliance requests
Integrated into other products...to enable better outcomes

Classification
Owner/creator
Storage Costs
Visualization

Information Map

Data Insight

Enterprise Vault

eDiscovery Platform

Understanding

Behavior

Retention Schedule
Disposition
Supervision Tags

Classification
Legal Hold
Full content search

Semantic analysis
Clustering
Predictive coding
Concept search

Copyright © 2018 Veritas Technologies - Public Sector Vision
Veritas Information Map provides a web-based interface that provides high-level and deep-dive views of an organization’s information.

Discovered information can be displayed and adjusted on the screen by using cards, tiles, filters, and list views.
Cost of Information

- Veritas Information Map has the ability to display the fully loaded cost of information within an organization.

- Cost of Information provides the following features:
  - Costs include hardware costs, maintenance costs, and labor costs.
  - Costs adjust with applied filters.
  - Up to ten configurable tiers of storage cost can be defined.
  - The default value is $5000 per terabyte per year.
  - Choice of currency.
Dashboard View

- The Dashboard View provides more details compared to the Map View.
- Tiles are displayed which contain various information.
- The information displayed in the filtered datasets can be exported to PNG, an Excel file, or as a CSV file.
# Veritas Information Classification – “The Glue that Integrates”

<table>
<thead>
<tr>
<th>Data Insight</th>
<th>Enterprise Vault</th>
<th>eDiscovery Platform</th>
<th>Cloud Storage</th>
<th>CloudPoint</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Visualize Data with <strong>classification</strong> tags</td>
<td>- <strong>Classification</strong> drives retention</td>
<td>- <strong>Classify</strong> during case processing</td>
<td>- Tag &amp; Visualize data in Veritas Cloud Storage</td>
<td>- Associate snapshot policy based on <strong>classification</strong></td>
</tr>
<tr>
<td>- Pass <strong>classification</strong> to Enterprise Vault</td>
<td>- Re-classify content</td>
<td>- VIC drives bulk redaction</td>
<td>- Search tags via metadata index</td>
<td>- Detect PCI/PII in snapshots</td>
</tr>
<tr>
<td>- Post processing activity based on classification</td>
<td>- Tag for eDiscovery searches</td>
<td>- PII Detection (GDPR)</td>
<td>- <strong>Classify</strong> and Action upon ingest™</td>
<td></td>
</tr>
<tr>
<td>- PII Detection (GDPR)</td>
<td>- Drives compliance review</td>
<td>- Filter based on EV/DI tags when ingesting from EV (Currently Available)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- PII detection in the archive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## EV.Cloud
- **Classification** drives retention
- Re-Classify content
- Tag for eDiscovery searches
- Drives compliance review
- PII detection in the archive
- EV.c backend storage savings

## MCDMP / Info Map
- Visualize Data with **classification** tags
- Inherit and display tags from other Veritas products
- PII Detection (GDPR)

## Access
- **Classification-based** storage movement
- Report/Visualize Data with **classification** tags

## VRP
- **Classification-based** workload and data movement
- Report/Visualize Data with **classification** tags

## NetBackup
- Associate backup policy based on **classification**
- Classify after backup to pre-populate tags for InfoMap
- Detect PCI/PII in backup images

## Backup Exec / DLO
- Associate backup policy based on **classification**
- Classify after backup to pre-populate tags for InfoMap
- Detect PCI/PII in backup images

---

**Copyright © 2018 Veritas Technologies - Public Sector Vision**
Thank you!

David Bailey and Phil Yaccino

Phil.Yaccino@veritas.com
David.Bailey@veritas.com

Copyright © 2017 Veritas Technologies. All rights reserved. Veritas and the Veritas Logo are trademarks or registered trademarks of Veritas Technologies or its affiliates in the U.S. and other countries. Other names may be trademarks of their respective owners.

This document is provided for informational purposes only and is not intended as advertising. All warranties relating to the information in this document, either express or implied, are disclaimed to the maximum extent allowed by law. The information in this document is subject to change without notice.