

Affordable and fast multi-source unstructured data mapping services

Sitrof Data Topology Mapping Services

Sitrof Technologies offers Data Topology Mapping services enabling companies to quickly gain visibility across a variety of live unstructured data sources without having to purchase, install and learn complex software and hardware. Sitrof runs these services within a customers network providing a uniquely comprehensive report filled with information customers can leverage to make strategic decisions for enhanced security and data protection, compliance and audit, cost savings and intelligent information management initiatives.

The Problem

"We have so much unstructured data scattered across different systems and we have no idea what it all is, who owns it and whether we should retain, archive or delete any of it. It would be great if there was a quick way to map it all out first so we could determine what we need to do." - A Records Manager from a Fortune 500 company

Unstructured data represents up to 95% of a company's data and is doubling every year. This growth is leading to higher costs and unprecedented challenges to identify and protect data and critical information assets, achieve compliance and audit mandates, manage eDiscovery requests, and efficiently storing critical business information. Options to capture, analyze, and classify this data are limited – companies must manually login/access each system and run reports that may not capture all the information needed. These reports are all in different formats and hard to synthesize into a single formatted view that can be used by different business users. A second option is to purchase systems that run behind the firewall and provide this capability as part of other functions. Companies may not be ready to make this investment in capital expenditure, infrastructure change and resource training. Strategic information management plans are now beginning to be put in place to address the variety of new challenges unstructured data problems are introducing.



The Solution – Sitrof Data Topology Mapping Services

In order to tie these strategic plans to efficient, secure, and cost effective solutions, the first step is understanding this data in more detail. Sitrof's Data Topology Mapping Services provide fast, affordable and secure access to this data for immediate and quantifiable strategic decision-making.

Sitrof's services are capable of scanning a wide variety of sources including shared network file systems, enterprise content management systems, Microsoft SharePoint Servers (MOSS), desktops/laptops and archive systems.

Designed to run in a customers network without end user disruption, Sitrof's services capture meta, full text and concept based information on hundreds of data types, delivered as comprehensive reports enabling companies to:

- Create FRCP Rule 26(f) meet and confer eDiscovery reports
- Determine governance, risk and compliance policies
- Eliminate non-business data
- Allocate storage costs by charge back reports
- Identify sensitive data and information that is unprotected and vulnerable to theft, loss or regulatory non-compliance
- Plan efficient and secure data migration strategies
- Quantify Return on Investment (ROI) prior to infrastructure solution investments
- Discover orphaned content left on the network by former employees
- Develop a data and information asset inventory in support of security requirements for asset identification and classification.

Sample Use Cases

Security and Data Protection readiness

– Company ABC is looking for effective ways to share information in distributed collaborative environments, and at the same time secure information with dynamic centralized controls that persist beyond enterprise walls.

Objective 1

Discover, identify, and classify data and information assets throughout the enterprise. Data cannot be secured if it is not managed, and it cannot be managed if you do not know about it.

Objective 2

Create consistent security policies for the use, access, and distribution of data and information assets across the enterprise.

Objective 3

Provide security education, training, and awareness about the policies and procedures governing unstructured data and information asset.

Objective 4

Effectively monitor and enforce security policies by deploying a technology platform that is standardized across the enterprise.

Governance Risk Compliance readiness

– Company ABC is looking to implement an electronic records management solution to ensure compliance with regulations, contracts and management policies.

Objective 1

Identify and delete duplicate files, leaving reference links to primary file.

Objective 2

Identify files with 'create dates' greater than longest compliance retention schedules to identify content subject for review with business process owner for moving into an archive or deleting.

Objective 3

Identify file requiring protection or removal to eliminate audit sanctions such Personally Identifiable Information (PII), customer confidential data or company intellectual properties.

Objective 4

Identify and eliminate non-business related

data such as personal mp3 files.

Objective 5

Identify content with potential retention schedule requirements such as employee records, customer contracts or financial files.

eDiscovery readiness – Company ABC is looking to proactively understand their initial eDiscovery readiness state and determine cost reduction potential based on identifying size and scope of responsive content.

Objective 1

Identify non-responsive content including duplicates, operating system/program files and files outside relevant date range.

Objective 2

Identify potentially responsive content via custodian owner, relevant date ranges, keywords, concepts and data sources.

Intelligent Information Management –

Company ABC is looking for ways to optimize their use of information, reduce storage costs and proactively manage their growth.

Objective 1

Identify immediate storage reduction opportunities - duplicates, non-business data, obsolete business data, etc. - Quantify cost savings yield from reduced current/planned storage costs, and backup costs.

Objective 2

Identify data based on type, size and create/modify date to determine most optimal storage location or content management repository for availability, cost and administration.

Objective 3

Determine data migration or consolidation strategies for multiple content repository environments occurring in company mergers/acquisitions or reorganizations.

Objective 4

Create storage chargeback cost reports based on size, type, location, etc.. of content owners in allocating or recovering infrastructure costs from internal/external users or departments

Key Features and Benefits

- **Valuable** – Get consolidated view across multiple unstructured data sources
- **Fast** – Report on multiple terabyte environments within days
- **Flexible** – Can federate across geographic locations and systems
- **Easy** – No training required
- **Affordable** – No hardware, system modifications, integrations or software to purchase or maintain
- **Efficient** – Capture live production data without impact to end-users
- **Secure** – Services run within customer's network without any agents installed and security risk
- **Simple** – Service fully functional and providing reports within hours
- **Detailed** – Identifies metadata, keywords and concepts with ability to refine results



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