

Managing Data Security While Migrating to Cloud Services

Embrace the Cloud While Meeting Security and Compliance Mandates

Challenge

Enterprises adopting cloud services face difficult security and compliance issues. Business-critical information, scattered across millions of contracts, reports, and proprietary documents, must be reviewed and dispositioned. Successful cloud migrations need deep data insights to succeed.

Solution

Concentric's semantic intelligence solution identifies and categorizes sensitive, business-critical information across all your data. You'll get the insights you need to create a migration plan that minimizes risk and avoids compliance violations – automatically and accurately.

Benefits

- Safe cloud migration – data discovery, categorization, auto classification and risk analysis.
- Avoid compliance issues – find data subject to residency requirements or regulatory constraints.
- Speed your journey to the cloud – eliminate tedious, manual data discovery and review processes.

Cloud solutions cut costs while giving businesses access to powerful software. Unfortunately, moving to the cloud without assessing security and compliance risks is a recipe for disaster. And once a cloud service becomes an ongoing part of the Enterprise IT portfolio, monitoring is a must to guarantee continued conformance to business policies.

How can organizations find and assess sensitive, business-critical information efficiently and accurately to ensure a smooth cloud transition and stay compliant over time?

Solution

Concentric's semantic intelligence solution has the answer. We use deep learning to scan and understand your data, wherever it's stored. Insights into each document's role and context make it easy to plan how – or if – it should be migrated to the cloud.

Our solution is far more accurate and effective than keyword searches, making your efforts faster, more efficient and completely automated. Once migrated, Concentric protects your data with ongoing scans to ensure continued compliance.

Features and Benefits

- **Safe, Efficient Cloud Migrations** – everything you need to understand your data and plan for the cloud.
- **Comprehensive Ongoing Coverage** – each document gets an in-depth, ongoing review so you can be sure you haven't missed critical documents or introduced new risks.
- **Efficient and Actionable** – requires no rules or document tags. Automatic categorization minimizes manual data reviews.

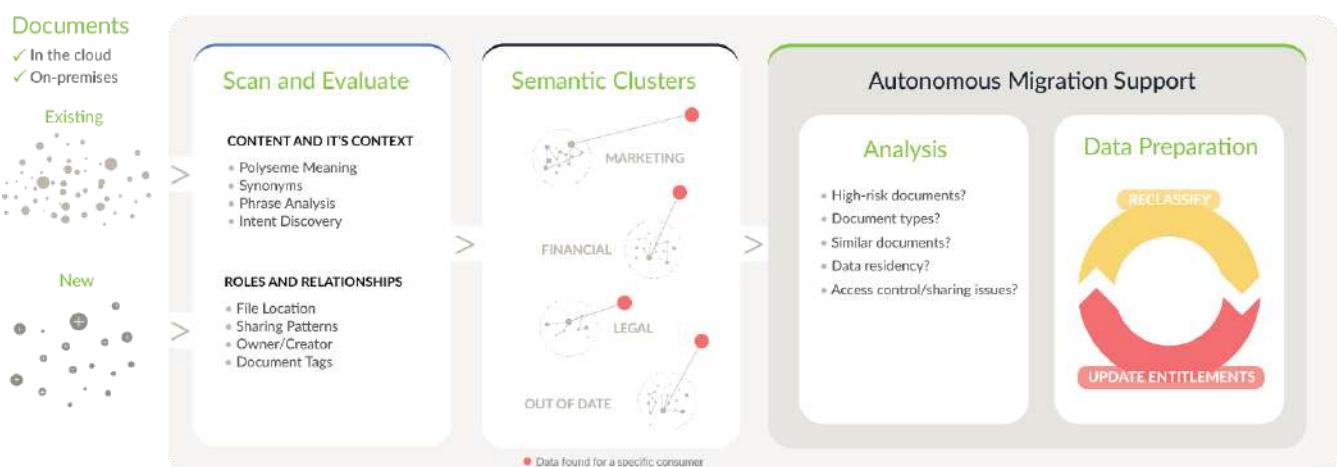
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We have a 9-12 month migration plan to O365. Your solution is critical for accomplishing my cloud migration without compromising my sensitive data "

CISO
Fortune 500 Retailer

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Concentric Semantic Intelligence Solution



Concentric Semantic Intelligence Solution

The above diagram illustrates how the Concentric Semantic Intelligence Solution supports cloud migrations.

Unclassified and New Documents

Over 80% of a typical Enterprise's data is unstructured, meaning it's stored in a spreadsheet, report, presentation, or other document that's created and controlled by an end user. There are millions of documents, stored on premises, in cloud storage services, and in cloud applications. Concentric can monitor structured and unstructured data located at your facility, in Windows File Servers, in a Cloud store like Amazon S3, Box.net, Dropbox, or Microsoft Azure, or within cloud applications such as Office365 or G Suite.

Scan and Evaluate

Deep learning algorithms from Concentric look at each document's content and context to group it with similar documents. Concentric dramatically improves your understanding of each document without requiring complex rules or end-user categorization. Scanning, evaluating, clustering, and data preparation are completely automatic, hands-free steps.

Semantic Clusters

Concentric semantic clusters offer actionable insights into how to treat each document that's a candidate for migration. Concentric found documents that may share migration policies in the marketing, legal, and financial clusters. We also found out-of-date data that could save you money if you can avoid migrating it.

Migration Support

Moving to the cloud is never a simple copy-paste operation. Your organization's data management policies, regulatory requirements, and the costs of the cloud service means you'll need to do some housekeeping before making the switch. But if you're planning to move more than just a handful of documents, that housekeeping can quickly become an impossible task.

Migration analysis is much easier with Concentric. Our clustering capabilities generate groups of files that can be managed as a single policy unit. For example, your organization may want to limit access to personnel files to the HR team. Concentric will find and group documents autonomously and give you the ability to apply that policy in a single step. As a result, your migration efforts will be accurate, fast, and comprehensive.

Once you're up and running on your new cloud service, Concentric continues to scan and monitor your documents, looking for changes and highlighting risk as your business grows and changes.

Summary

Concentric's powerful deep learning technology gives you an unparalleled semantic understanding of each document. With Concentric, you'll be able to identify business-critical data, assess the risk posed by each and every document, and take action to correct security issues - all without complex rules or unreliable user inputs. Your data speaks for itself. Concentric knows how to listen.

About Concentric

- Funded by top Silicon Valley VCs
- A secure SaaS solution, API driven
- Easily plugs into enterprise data stores; both on-premises and cloud data stores.

Next Steps

As a SaaS solution, Concentric is easy to evaluate using your own data. Contact us today to learn more about our Semantic Intelligence solution and see how it can work for you.

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