



ONDiscover - Information Discovery Appliance

Built around Autonomy's World-Leading IDOL Technology, ONOkana Hardware Appliances present a new option to customers looking for a rapidly deployable Information Discovery Solution against any document collection or dataset; including files, emails and databases.

- ONDiscover is the complete solution to all forms of Information Discovery, from Enterprise Search to Compliance, Data Mining to Investigation, allowing you to rapidly locate relevant information, clusters and trends within large collections of documents and data, even audio and video.
- Rapidly deployable, ONOkana Appliances are built to fulfil a specific purpose without Autonomy knowledge or the need to undergo a lengthy IT development project.
- ONOkana Appliances are built by Okana's Industry Leading Autonomy Technical Experts, backed by Standard-Setting Professional Services and Support.
- ONDiscover reduces ownership and maintenance costs using already-proven Autonomy Technical Architectures and Solutions, derived from years of successful implementation experience.
- Inherently scalable, any number of appliances can be connected together in parallel to deal with any size of document collection.
- Available in Lite and Enterprise Editions, functionality can be deployed that best fits your target audience.

You Don't Know What you Don't Know

The vast proliferation of unstructured information in today's world is driving the need for fundamental technological change in order to process and make sense of it. Autonomy's Meaning Based Computing Movement signals the end of simple keyword based processing in this area and marks the ability of computers to comprehend the concepts within information and perform complex, automated processes upon it, delivering true business value way beyond the ability to just search. ONDiscover provides this technology to you in a hardware appliance, the most rapidly deployable Autonomy-powered solution possible.

The screenshot displays the Okana OnDiscover web interface in a Microsoft Internet Explorer browser window. The page shows search results for the term 'BBC'. A table lists several news articles with columns for Title, Section, and Date. To the right, there is a 'Clusters' visualization showing a heatmap of data points. The interface includes a navigation menu on the left and a search bar at the top.

Title	Section	Date
Parties fail to reach agreement		07/06/2006 19:02:00
Devolution meeting 'acrimonious'		16/06/2006 19:41:00
Devolution committee set to meet		16/06/2006 09:33:00
Progress made in committee row		06/06/2006 18:16:00

Okana OnDiscover (Enterprise Edition) – A complete Information Discovery Workspace

Industry

Enterprise Search,
Compliance, Business
Intelligence, Data Mining,
Investigation.

Type of product

Hardware Appliance.
Software Appliance available
to deploy on own hardware

Business Benefits

The full power of Autonomy
IDOL Server – Accurate
Conceptual Search and
Clustering against any
document collection or
dataset.

For Investigation, Compliance,
Data Mining and Intelligence
Applications, rapidly discover
documents, visualise trends
and clusters in collections
automatically - "You don't what
you don't know".

For Enterprise Search, an
instantly deployable and
secure solution across all of
your corporate data with a
simple and intuitive UI.

Your system can be
proactively managed to
anticipate demand. As your
data grows, additional
appliances can be easily
added.

Initial Configuration and
Deployment by Okana
Professional Services. Fully
backed by Okana Support for
World Class Post Sales
Service.

No programming or Autonomy
technical knowledge required.

Secure Investment- ONOkana
is a fully Extensible Autonomy
Platform.



For Enterprise Search Applications, deploying an ONDiscover Appliance could mean you are up and running much faster than you would have been had you embarked upon your own Autonomy implementation Project. For Compliance, Intelligence and Data Mining Applications, the ability to immediately start processing data could be the difference between business success and failure. Clusters, concepts and trends within document collections can be quickly located, allowing you to discover potentially critical information you may have not even thought existed. ONDiscover Enterprise is the ultimate solution to the problem that in any large collection of data you don't know what you don't know.

In all cases, rest assured that a rapid time to deployment has not been achieved through compromise. Okana set the standard for Autonomy Solutions and our Appliances are architected by experts with many years of experience. Okana are uniquely positioned to provide this kind of solution so that you don't need any Autonomy expertise.

Appliance Solution to Information Discovery

ONDiscover is Generic Autonomy Platform, allowing information from any datasource to be ingested into Autonomy, and full IDOL functionality surfaced using Okana's ONDiscover User Interface. In its simplest form, ONDiscover Lite, this provides a fully functional and Secure Enterprise Search Solution and can be rapidly deployed to provide Secure Enterprise Search on your Global Intranet, providing rich search functionality but also respecting the underlying security in order to determine which documents individual users have the rights to see.

ONDiscover Enterprise Edition takes things to a completely different level with a rich user interface that includes Autonomy Cluster-On-Demand functionality to provide a fully featured Information Discovery Tool for Compliance, Data Mining, Business Intelligence and Investigation. Visualise the clusters within your information, learn the key concepts and phrases in use, all automatically.

The Lite and Enterprise editions can be deployed simultaneously on the same document collections to provide richer features for those who need them, and a powerful but intuitive Lite user interface for those who don't. All of this is achieved by simply configuring the appliance, no additional programming is required.

In all cases, to ingest content, either standard Autonomy Connector products or Custom-built Connectors can be used, along with specific ONDiscover technology, to ingest data into the Appliance. News feeds such as Moreover (www.moreover.com) are catered for out-of-the-box and allow the appliance to be up and running immediately.

ONOkana Appliance Philosophy

Behind each successful implementation of Autonomy technology is an IT project which may typically run from a few days to months. Many complimentary skills must come together in order to architect, develop, integrate, install, test and ultimately deploy a production solution to solve an underlying business problem. The associated labour costs involved in this traditional route can mean that ROI is later and TCO higher than if a proven, immediately deployable and supported solution were available. ONDiscover provides just this; a rapid means to deploy Autonomy technology without the need for a traditional implementation project. Okana Professional Services will provide initial setup and configuration. Okana Support provides for ongoing continuity of use without you requiring any technical Autonomy knowledge.

ONOkana is an extensible Autonomy platform, not a cul-de-sac solution. With an Autonomy platform in place, ONDiscover can be further exploited to expose more powerful functions later on or integrated with other appliances such as ONMonitor, for real time monitoring applications.



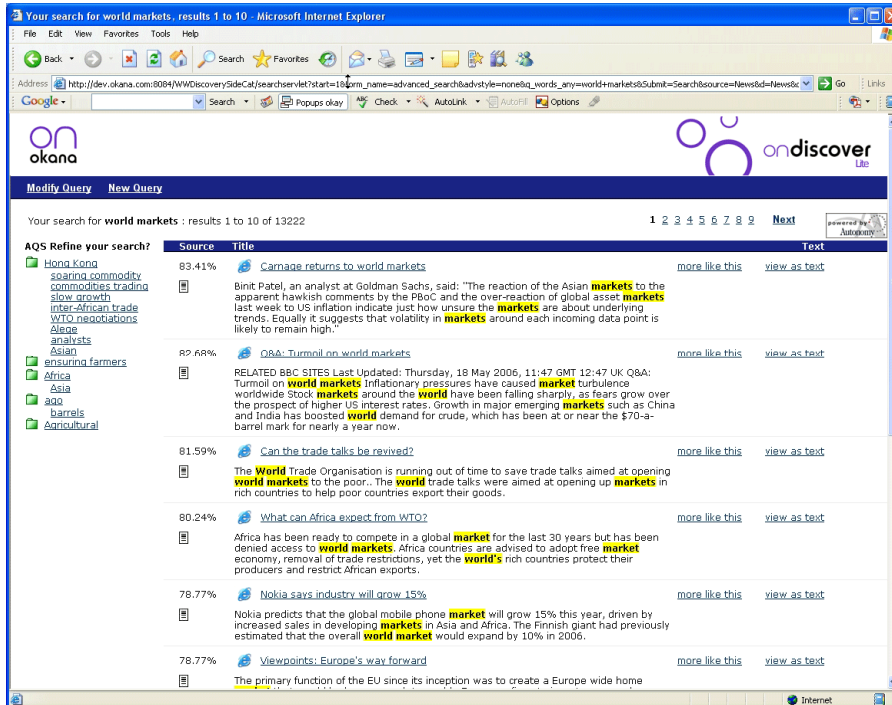
ONDiscover Provides an Autonomy-Powered Information Discovery Solution for Documents, Emails and Data as a Rapidly Deployable Hardware Appliance.

ONDiscover is powered by Autonomy IDOL Server™ which was named The Most Visionary Information Access Technology by Independent Analysts Gartner¹ and The Clear Leader in Enterprise Search by IDC

1 Gartner Research: "Magic Quadrant for Information Access Technology, 2005", Whit Andrews and Rita E Knox, 14 October 2005.

Technical Information – ONDiscover Lite Edition

ONDiscover Lite is a fully featured Appliance solution for Enterprise and Internet Search customers. It has been specifically designed to expose Autonomy's power whilst maintaining a simple, familiar-looking user interface which can be modified. It includes many features not normally found in these types of systems.



Okana OnDiscover UI (Lite Edition) – Fully Featured Autonomy-Powered Search

Rich Enterprise Search User Interface Functionality, including :

- Full Document Level Security using Autonomy's Intellectual Asset Protection System.
- Autonomy Automatic Query Guidance provides a dynamic navigation aid which allows query refinement based upon conceptual clusters of information within the document set you are searching.
- Automatic Hyperlinking powers a "More Like This" feature, allowing users to automatically identify other documents which are conceptually similar to those of interest.
- Recommended Links allow customers to accurately associate specific documents with query terms so that important documents such as FAQ's or announcements are displayed above all other search results.
- Dynamic Collection Biasing allows users to control whether results from one collection should be deemed more important than results from another collection, on the basis on a particular set of query terms.
- Advanced Search Federation allows customers to associate specific query patterns with collections of documents to ensure that queries are directed to the most appropriate collection of data. For example, entering a 6 digit number may immediately return just a list of contacts from a Customer Database which use this 6 digit code notation. This feature can be applied to any number of data collections, with specific customer based rules created for each.

Features & Benefits ONDiscover Lite

User Experience

- Fast User Interface
- Simple and Advanced Search
- Boolean & Conceptual Queries
- Multiple Document Collections
- Date & Meta Field Restrictions
- Advanced Federated Search
- Advanced Navigation Aids
- Recommended Documents
- Dynamic Collection Biasing
- More Like This
- View as Text
- Did You Mean?
- Page Navigation
- Integrated Windows Authentication

Standard Autonomy Features

- Conceptual Queries
- Boolean Queries
- Automatic Query Guidance
- Automatic Summarisation
- Query Term Highlighting
- Automatic Hyperlinking
- Document Level Security
- Multi-Language Support
- User Authentication

Data Support

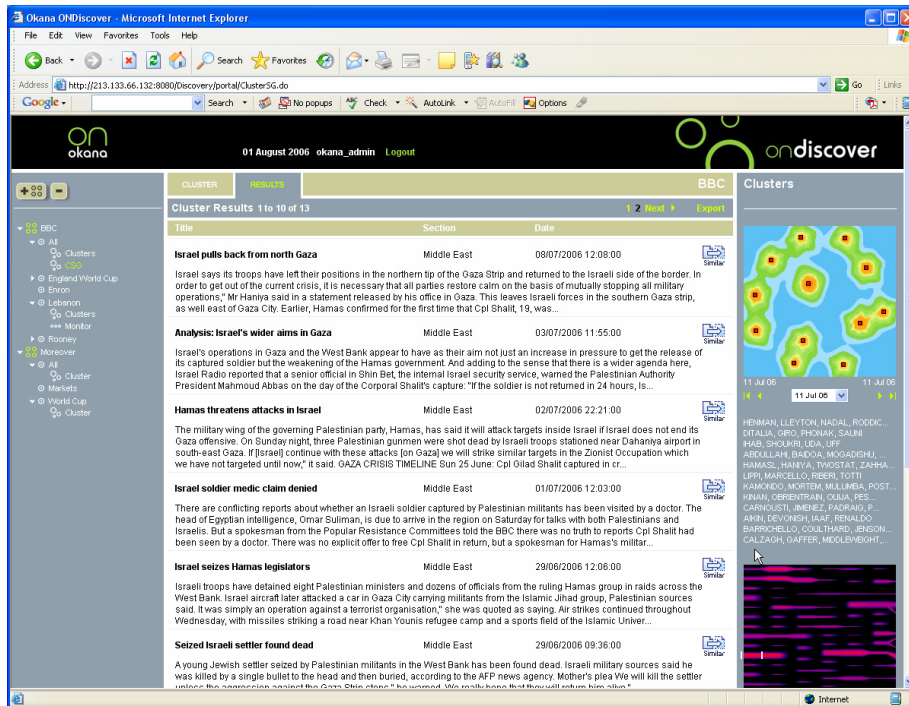
- Autonomy Connectors provide access to over 1000 data formats

Performance, Throughput & Redundancy

- Up to 5 Million Document Sections per appliance
- Very fast query response
- Fully redundant architecture model. Hot standby appliances available.

Technical Information – ONDiscover Enterprise Edition

ONDiscover Enterprise goes beyond end user search to provide a richer interface allowing more granular and powerful control over the processing available within each dataset. Whilst providing a full search capability, this tool is more suited to Compliance, Data Mining, Business Analysis and Investigation applications.



Declarative Schema Modelling

At the heart of ONDiscover Enterprise is a solution to the problem of mixing multiple datasets and allowing these to be exploited as one. Traditionally, retrieval technologies require the definition of a static schema in order to store and process information. Even unstructured data usually comes with many associated meta fields, each of which is named and typed. Multiple data collections also mean multiple data schemas which do not necessarily sit well together. Applications software and configurations are usually tied to the underlying schema(s), meaning that when there is a change, there is considerable impact which may involve significant additional development. It is an ongoing process and data schemas must be mature enough to use as a platform for new solutions. This isn't always possible.

Okana ONDiscover changes this using a Declarative Schema Model, allowing deployment of an Autonomy Information Discovery Solution without the need for a traditional development project. By externalising the schema definition and using this to dynamically modify the Autonomy IDOL Server and Application layers, the traditional "hard-wired" approach is removed, allowing schemas to drive a dynamic, instantly deployable solution.

Okana ONDiscover wraps this declarative approach around Autonomy's search and clustering functionality. Autonomy's powerful functionality can move with the data. The system becomes future proof with regard to data formats and additionally allows customers to get more creative in how they use datasets to exploit the tool.

Features & Benefits ONDiscover Enterprise

User Experience

- Fast User Interface
- Autonomy Cluster On Demand
- Automatic Visualisation of Clusters and Trends
- Fully featured Conceptual & Boolean Query Builder
- Saved Queries
- Supports Multiple Document Collections in parallel
- Advanced Conceptual Navigation Aids
- More Like This
- Did You Mean?
- Integrated Windows Authentication

Standard Autonomy Features

- Conceptual Queries
- Boolean Queries
- Automatic Query Guidance
- Cluster 2D Map Visualisation
- Spectrograph Visualisation
- Automatic Summarisation
- Query Term Highlighting
- Automatic Hyperlinking
- Document Level Security
- User Authentication
- Multi-Language Support

Data Support

- Accepts XML directly or Autonomy Connectors provide access to over 1000 data formats.

Performance, Throughput & Redundancy

- Up to 5 Million Document Sections per appliance
- Very fast query response
- Fully redundant architecture model. Hot standby appliances available.

Generic Autonomy Platform

- Pre-configured Autonomy IDOL5 platform allows the ingestion, search and clustering of any dataset without the need for any re-coding. All configuration is externalised in XML format via a Declarative Schema, one for each dataset.
- The Declarative Schema defines which fields are to be included for querying and clustering, along with lists of values for these fields where appropriate. This gives much more control over the terms which contribute to the clustering process, where traditionally this decision cannot be made dynamically.
- Content can be “pushed” to Autonomy using XML where available, putting control in the hands of the content owners, removing the dependency for Autonomy skills when new datasets are needed.
- ONDiscovery comes with a number of pre-configured declarative schemas for files, Emails and real time news feeds such as Moreover.
- The platform is extensible such that new instances can be created as required to deal with additional datasets.

Full Autonomy Query and Cluster Functions exposed

- Autonomy queries can be created and saved using the structured and unstructured components of the schema mapping using a dynamic query builder, which includes automatically populated drop-down lists for all multi-valued fields.
- Any field in any dataset can be searched or clustered, in conjunction with other fields or not. Data is not treated as a single unstructured unit.
- An Autonomy Query can be used to create a full On-Demand Cluster at the touch of a button.
- Cluster On-Demand allows for clusters to be created as once-only, or on a regular cycle. In the latter case the results of each cluster generation are retained and navigable by the cycle period.
- Autonomy's 2D Map and Spectrograph (for cyclic clusters) provide a powerful means of visualising and interacting with Cluster Results.
- All of the concepts discovered as part of a given Cluster are displayed along with the Cluster results. The full set of individual terms is available.
- Autonomy Automatic Query Summary (AQS) provides a list of key concepts from within a query result set. This is a lightweight means of locating patterns of terms and phrases within a given dataset without the need to run a full cluster operation.
- A Navigator-style control provides intuitive workflow for the handling of multiple data collections and objects that relate to them such as Queries and Clusters.

Dataset Export Functionality allows for Further Analysis Externally

The full result set for a given query or cluster already created in the UI can be exported to the filesystem and XML on the command line. This allows Autonomy's power to be used to identify clusters and collections of interesting documents within any dataset, and for these results to be externalised for further analysis by (for example) more quantitative tools such as SAS or Cognos.

For further information contact:

info@okana.com

Okana Systems Limited
St Martin's House
16 St Martins Le Grand
London EC2A 1NA
Tel: +44 (0) 20 7397 8588

Okana Inc
545 Eighth Avenue
Suite 401
New York NY 10018
Tel: +1 212 886 4545

www.okana.com

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