



World Leading Discovery Technology

ViewDS Identity Solutions is a suite of Identity and Access Management capabilities designed for Directory and Discovery search, Identity Management, Authorization Services and Meta Data Integration. It provides organizations with a fast, scalable and flexible identity management infrastructure that is optimized to support very high speed searches on hierarchically structured data as well as providing Attribute Based Access control, Role Based Access Control and fine grained authorization services.

Unlike ordinary registry and discovery services which are application specific, ViewDS provides a comprehensive yet flexible discovery server with no built-in preconceptions about the real-world objects and the properties that need to be registered and subsequently discovered. The result is a single service that can satisfy the registration and discovery requirements of a large range of applications and purposes across a variety of industries.

ViewDS includes in one server:

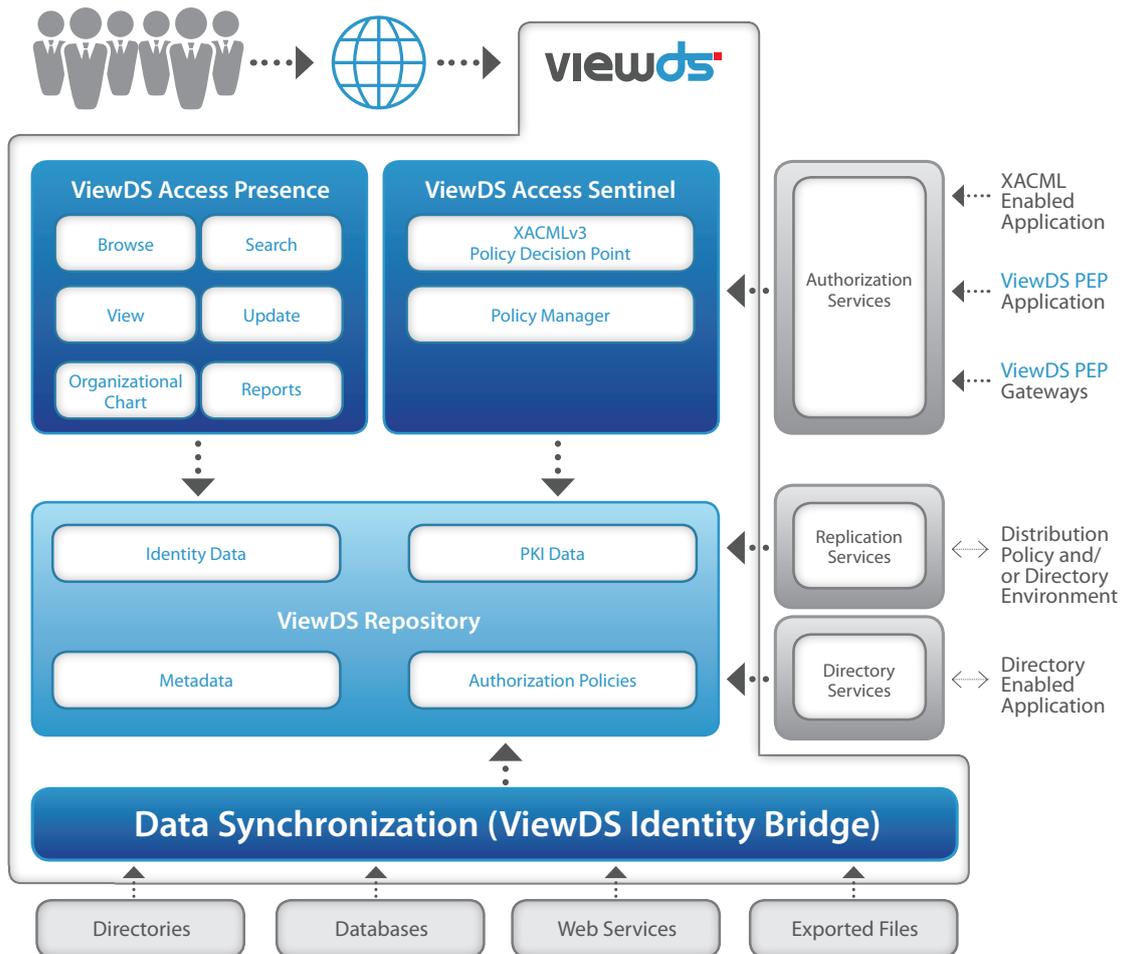
- World leading approximate matching and searching

- Component matching with fine granularity searching
- An integrated Web-based Configurable User Interface (Access Presence)
- Deep "tree" structures that reflect real organizations
- Powerful Policy and Role based Access Control capabilities (Access Sentinel)
- Online Organization Charting, Alternate Hierarchies and Selective Reporting
- Supports Machinery of Government changes
- Unparalleled syntax support ("intelligent storage")
- PKI Matching Rules and CA Support
- Directory Print Services (Print on Demand)
- High integrity replication across multiple servers
- Offers comprehensive publishing point services to standard LDAP Directories such as Sun DSEE, Novell eDirectory, Oracle Internet Directory, Microsoft Active Directory and AD-LDS, and IBM Tivoli Directory
- Integrated Synchronization server capability and tight integration with a

number of Virtual Directory solutions (Identity Bridge)

- Provides organizations with a fast scalable and flexible identity management infrastructure that is optimized to support very high speed searches on hierarchically structured data.





ViewDS and XML

ViewDS XML Enabled Directory (XED) is the world's first commercial release that extends LDAP directory search and update functions to native XML Objects.

ViewDS and XACML

ViewDS is the world's first commercial release of an LDAP Based Identity server that protects Identity data using the OASIS XACMLv3 Attribute Based Access Control standard, combined with Role Based Access Control and Label Based Access Control.

ViewDS and RBAC

ViewDS is the world's first directory to fully implement the NIST reference for four model components: Core RBAC; Hierarchical RBAC, Static Separation of Duties (SSD) and Dynamic Separation of Duties (DSD) .

ViewDS RBAC includes support for the creation, reading, update and deletion of roles, and the integrated access control policies.

ViewDS & PKI Support

ViewDS supports the IETF PKI matching rules, and also supports component matching for the PKI syntaxes. ViewDS used in PKI applications will process certificates faster and with less effort compared to competitor directories.

ViewDS Discovery Server

Discovery Server is a standards based Directory, optimised for high performance searching. The importance of directories is rapidly increasing and is moving well beyond the corporate electronic directory requirements.

Functions that ViewDS can perform include:

Intelligent Approximate Matching

ViewDS supports a range of approximate matching strategies to better support searches by human users. For example:

- Phonetic matching—“pane” will match “payne”
- Stem matching—“optics” will match “optical”
- Typing Correction – “Director” will match “Diretcor”
- Synonym matching—“Bob” will match “Robert”
- Abbreviation matching—“BDE” will match “Brigade”
- Mandarin/Pinyin Phonetic Matching “上海” will match “Shanghai”

Component Matching

- Allows a directory user to match any selected part or parts of attribute values of any complex syntax. For example, the syntaxes for storing digital certificates and certificate revocation lists.
- Without component matching an application developer may need to resort to scanning the directory or post-filtering large search results to find relevant data.

Moves and Renames

Without “Moves & Renames” functionality, large scale changes in the Directory Information Tree (DIT) take more time, more planning and more resources to implement.

- ViewDS supports instantaneous moves and renames of non-leaf entries in the DIT.
- Links are automatically maintained despite moves and renames.

Organizational Structure and Change

Organization units within a company are continually formed, moved, merged or split. For many other directories, it is recommended to flatten and simplify the deep information tree to meet those requirements. ViewDS is however, specifically designed to seamlessly support such volatile environments with complex hierarchies and deep information trees. It enables simple and rapid “machinery of government” changes, with drag and drop functionality, whilst maintaining all referential integrity.

ViewDS Suite

The ViewDS Suite architecture at its core is an X.500 & LDAP Directory. Surrounding that capability is an advanced layer of features. This is further enabled with support for XML and a layer of advanced Discovery Services as well as support of XML protocols such as SPML, ebXML, and XACML.

ViewDS Access Presence

The ViewDS suite includes a comprehensive out of the box capability to provide ‘On Demand’ reports and Organization charts, User Self Services, Alternate Hierarchies, Tree Viewing, Entry Viewing and Advanced Search.

ViewDS Access Print

Directory Print on Demand provides a print tool which allows data to be extracted from the directory and formatted into reports, printed directories and formats such as XML and PDF suitable for use by other systems and/or printers complete with table of contents, indexes as well as trim and bleed marks. Print on Demand also provides a powerful and flexible captioning capability for both automatic and simple changes, instant feedback views for user on changes to format, and a configurable web-based user interface for user ease and experience with output.

ViewDS Access Sentinel

Access Sentinel provides a simple-to-manage, XACML-compliant policy creation and enforcement system for an enterprise or for a vendor’s suite of applications. It presents a unified enterprise view with respect to authorization policy creation and management. It is built on the proven Discovery Server base that provides superior performance, data integrity, policy replication, and other significant benefits.

Access Sentinel Access Control provides both central and delegated models of policy management and comes with a range of Policy Enforcement Point (PEP) solutions for embedding in Applications as well as DotNET and Java software Development kits.

ViewDS Identity Bridge

ViewDS Identity Bridge is an Enterprise or Cloud based application to connect users, applications, and identity management across local and Software as a Service (SaaS) environments. These identity management services include database and directory synchronization, protocol conversion and XACML Policy synchronization, normalization of data and real time provisioning. As such, ViewDS Identity Bridge provides a Java based identity management and provisioning capability as organizations distribute users and identity management across both on-premises and hosted cloud platforms.

ViewDS Identity Bridge is available as an integrated synchronization and provisioning component pre-configured with ViewDS, as an OEM solution for Cloud vendors supporting LDAPv3, SCIM and SPMLv2 as well as Database and other connectors. ViewDS Identity Bridge is also available as a stand-alone provisioning bridge able to detect changes in source data, normalize that data and provision changes to databases and directory servers. ViewDS Identity Bridge can be used on premises, or in the cloud to enable replication of Identity data to Software as a Service (SaaS) identity stores.



Countries where ViewDS has been deployed:

ViewDS has a number of customers from all around the world. These countries include;

- Australia
- New Zealand
- Belgium
- Egypt
- Qatar
- Bulgaria
- Kuwait
- France
- Switzerland
- Oman
- Trinidad and Tobago
- United States of America
- Singapore
- Germany
- United Kingdom
- Canada

Industries currently using ViewDS:

- Health – Hospitals and Healthcare regions
- Education
- Enterprise – Telecommunications, Finance, Multinational
- Aviation – Airlines, Air Traffic Control
- Defense - Police and Intelligence Community
- Government – Local, State and Federal
- Incorporating a configurable web interface for complete flexibility and customization of user, administration, and management interfaces.
- Unlike most directory solutions, ViewDS allows deep “tree” structures that reflect real organizations. Furthermore, advanced features such as Online Organization Charting, Alternate Hierarchies and Selective Reporting on the directory save time, effort, and often replaces manual processes for users and administrators.

Why choose ViewDS Identity Solutions?

ViewDS is a unique and customizable identity platform that delivers a comprehensive solution for specific IAM requirements such as User focused Directory services, Directory Print on demand, Entitlements management, Policy-based access control, Role-based access control, Data synchronization and Cloud IAM integration.

Specialities and distinctive features provided by ViewDS:

- World leading approximate and component matching technology allows users to find accurate information quickly.
- ViewDS has the unique ability to instantaneously change hierarchical structures whilst maintaining the referential integrity ensuring the information is always accurate.
- Native to the directory, ViewDS features powerful extended Access Control capabilities, allowing administrators to set restrictions on the rights of certain users. This ensures that confidential information contained within the directory is only visible to authorized users.
- ViewDS is fast, scalable and is a key component of an organisation's identity management infrastructure.

About Us



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ViewDS, the trading name for eNitiatives.com Pty Ltd, is a privately owned boutique firm that specializes in the development and distribution of identity management software solutions. ViewDS has customers in Europe, USA, Asia Pacific and Australasia with a Global Support Centre located in Melbourne Australia.

ViewDS has an indirect sales model, so the solutions can be acquired and deployed by major enterprises, application software vendors, systems integrators, prime contractors and resellers.