

Meta-Directory Server

The Critical Path™ Meta-Directory Server revolutionizes information management by enabling disparate applications, databases and directories to automatically share data through a series of powerful rule-based join processes. With the Critical Path Meta-Directory Server, organizations can consolidate identity information from distributed network resources, ensuring that a comprehensive view of profile information is always available. Moreover, maintaining accurate data results in reduced costs and increased security.

The Meta-Directory Server Provides:

Automatic Data Integration and Synchronization

- Automatically integrates data from disparate directories, databases and applications.
- Administrators can model everyday business policies with powerful sets of rules, specifying data joins, bi-directional attribute flows, and data creation and deletion.
- Creates authoritative repository that controls changes to data.
- Distributes updates to all data sources.

Account Provisioning

- Automatically provisions user accounts across key applications.

Proven Software

- Fourth-generation software product with hundreds of successful deployments.

Unparalleled Interoperability

- Supports more directories than any other meta-directory, including:
 - Critical Path Directory Server
 - Microsoft Active Directory
 - Sun Java System Directory Server
 - IBM Tivoli Directory Server
 - Novell eDirectory

Extensive Group Management

- Configure rules to create and manage groups of joined objects.
- Configure to manage groups of data already established in applications such as: Lotus Notes, Microsoft Exchange, Microsoft Active Directory, Windows NT/Windows 2000.

- Split data groups into subgroups, enabling the ability to manage very large groups, regardless of group size limits.
- Merge subgroups into a single entity that can then be managed more efficiently and automatically.

Graphical User Interface

- Easily configure or extend the join process using the management Graphical User Interface (GUI).
- Create and edit rules and manage connectors using a comprehensive “wizard-style” tool, which eliminates the need to write script logic and allows business managers to define business rules.
- Allow scripts to call external functions or additional rules and rule sets.

Standards-Based Technology

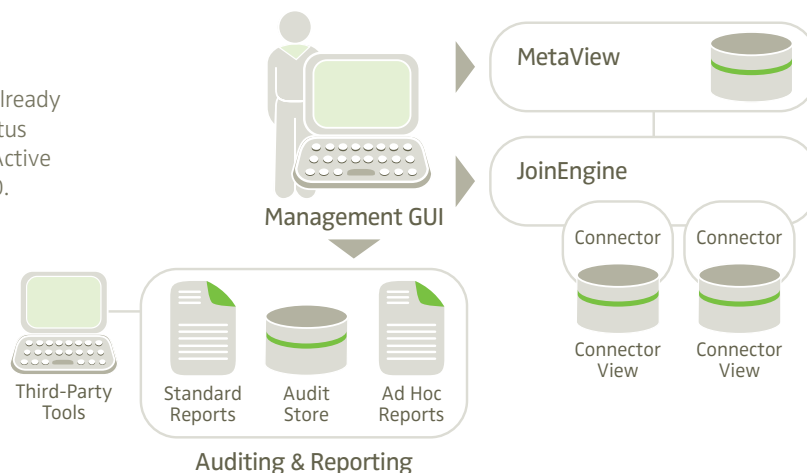
- Supports industry-standard communication protocols, APIs and scripting languages, including JavaScript and Perl for easy product customization and maximum interoperability.
- Integrates with standards-based security technologies, including Public Key Infrastructure (PKI) and Secure Sockets Layer (SSL).

Key Benefits

- Reduce helpdesk and administrative costs for immediate ROI
- Integrate existing infrastructure with new applications and systems
- Grant and revoke access to resources automatically when roles change
- Provide accurate identity information for portals and security infrastructure
- Eliminate costly errors and delays caused by data redundancy

Connectors

- Critical Path Directory Server 4.1, 4.2
- Sun Java System Directory 5.1, 5.2
- IBM Tivoli Directory 5.1, 5.2
- Active Directory Win 2K Admin, W2003 Admin
- Active Directory Application Mode W2003 Admin
- Novell Directory Server 8.7.2, 8.7.3
- Lotus Notes R6, R6.5
- Exchange 5.5 SP3, 2000, 2003
- SAP HR R3
- DB2 8.1
- Oracle 8i, 9i, 10g
- MS SQL 2000 SP3
- Sybase 12.5
- RACF on OS/390, z/OS 2.10
- DB2 on OS390, z/OS 7.1
- Any LDAP-enabled system
- Any proprietary system that can be accessed via Perl, Java or XML



Key Meta-Directory Features

The JoinEngine

- Uses a configurable sequence of queries to access and join data from disparate sources to create a single view of that data.
- Manages the complex relationships between connected data sources and executes elaborate rules that drive the join process.
- Manages changes by monitoring connected systems in real time and reacting to add, modify, delete or rename operations.
- The JoinEngine communicates with data servers without requiring any software to be deployed on the connected system.

Auditing and Reporting

- Delegates key security infrastructure into a centralized application.
- Provides detailed auditing capabilities to ensure that best practices and common policies are followed, and to ensure security administrators that their systems are secure.
- Captures statistics and status information about events in a centralized database. Administrators can leverage out-of-the-box reports, or they can create ad hoc reports of their own.
- Provides an auditing framework that can be integrated with common third-party reporting tools.

Connectors

- Allows the JoinEngine to interface non-intrusively with specific data servers.
- Communicates with connected systems using standard protocols such as LDAP, SQL, commercial APIs (such as the Lotus Notes API), programming languages such as Java and C/C++, and scripting languages such as Perl and XML.
- All communications are secured using standard protocols or utilizing the native encryption method of the target connected system.

The MetaView

- The consolidated view of data, stored in a directory server. (Often a network-wide repository of identity information, access rights and provisioning policies.)
- Applications can leverage the information stored in the MetaView to manage user access rights, authentication credentials or certificates, approval and workflow processes, portal authentication, and Web application Single Sign-On (SSO).
- Directory-independent architecture allows organizations to use any market leading LDAPv3 directory to host the MetaView.
- The MetaView directory server hosts all of the JoinEngine's configuration information, ensuring maximum availability of the system.

The ConnectorViews

- The JoinEngine's view of the data held in a connected data source.
- Defines the data stored in tables within the targeted database that are going to be represented in the MetaView.
- Data in the ConnectorView is flowed to the MetaView, and changes applied to data in the MetaView are flowed back to the ConnectorViews based on easily configurable rules or rule sets, enabling administrators to enforce data ownership and ensure data integrity.

Platform Support

- Windows 2000 and 2003
- Solaris 2.8/2.9
- HP-UX 11i
- RH Linux AS 3.0

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