

Federated Search (FS)



Globally share knowledge and best practices with ease.

- Reduce complexity of best practice and information sharing across multiple sites
- Rapid employee adoption and use
- Individual site user permissions and repository structure
- Lower network traffic than a single document repository
- Microsoft .Net application built for secure document management, as well as simplified change management and validation

Introduction

Sharing documents and work practices across multiple sites is often required to assure up-to-date information is available on a global basis. This task, which can be challenging for other systems, is easily accomplished with Syncade suite's Document Control and Archiving (DCA) application with Federated Search (FS). This add-on feature to DCA provides electronic document management to support Quality Management, Regulatory Compliance, productivity, and efficiency. With the Syncade solution, sharing information across multiple sites has never been more convenient.

Benefits

Reduce Complexity of Best Practice and Information Sharing Across Multiple Sites.

Have similar equipment or processes as a sister site? Contract manufacturing or implementing another site's process locally? Why reinvent the wheel if someone has provided the framework? Simply search multiple document servers across the corporate enterprise for faster implementation and more consistent documentation and work practices. You can reduce the cost of documentation development by leveraging similar existing documents that have been developed at other sites. Corporate documentation can be shared across the enterprise without replicating copies of documents that have to be maintained locally.

Rapid Employee Adoption and Use. DCA with Federated Search has an attractive and intuitive user search interface. Creating a federation is equally as simple. Dialogue box driven and simple "point and click" navigation guarantees rapid employee adoption and use.

Individual Site User Permissions and Repository Structure. Unlike a document management system that is deployed as a single server or corporate instance, Syncade's DCA with Federated Search is deployed at the site level. This capability allows each site to define user groups, security, and other system implementation



attributes that will accommodate each site's specific needs. You can structure the site to fit your needs and still be able to access information from other global sites quickly and easily.

Lower Network Traffic Than A Single Document Repository. Individual site databases enable fast access to most of your locally maintained documents over a local area network (LAN). Documents maintained at other locations can be accessed via the wide area network (WAN). Experience shows that a single corporate database accessed over a WAN can significantly reduce performance, diminishing the value of the document management system. At times, local sites often must resort to maintaining a portion of their documents outside of the corporate document repository due to these performance issues. Why spend valuable time, money, and resources maintaining a system that is not capable of meeting all of your document control needs? DCA with Federated Search provides the benefits of global document access and management while optimizing access performance - all in a simple to deploy, use, and manage system.

Microsoft .Net Application Built For Secure Document Management. DCA with Federated Search is a true zero-client, web-based solution. You can quickly install, validate, and deploy the solution to all users and begin to immediately realize the benefits. Syncade Suite can save time while ensuring that regulatory needs are met.

Product Description

Federated Search is an add-on application of Document Control and Archiving (DCA) and provides first-class search functionality across multiple DCA document databases located on different servers; thus, allowing access to documents across multiple sites or multiple companies without requiring a single corporate document database. DCA with Federated Search provides the ability for each site to localize the document management design, including user groups, user permissions, document types, and document repository folder structures, to fit the individual site needs, rather than adhering to a single corporate design. This functionality provides a level of autonomy at the individual site or company with the capability to search across site servers - allowing you to realize the benefits of a

corporate document management system.

Because the number of users on an individual server can be more easily managed DCA with Federated Search can help expedite system response times since document access is primarily performed over a LAN. A single corporate document database solution could have hundreds or thousands of users attempting to use the WAN at one time - resulting in poor access performance.

Comprehensive document security is provided to assure users can only access documents to which they have rights. In addition, users can be limited to access only effective documents. This security feature ensures that the current, effective documents are being shared.

How do sites share information? Each site using DCA can simply create a federation to another server and, if given permissions from that server, access documents within a few clicks of the mouse. It is simple to store Standard Operating Procedures, Material Data Safety Sheets, Certificates of Analysis, Corporate Policy Documents, Production Records, Training Records, Contracts, Equipment Manuals, and more.

DCA can also simplify the document review and approval process and increase efficiency. Time spent on document and change request management, as well as the subsequent review and approval cycles, is dramatically reduced. You can increase productivity and reduce costs while maintaining compliance with regulations and standards, such as, FDA 21 CFR Part 11 and 21CFR Part 820, ISO 9001, ISA84, OSHA 29, and CFR 1910.

DCA with Federated Search provides the functionality you need to safeguard and proactively manage your regulatory assets and intellectual property. It also provides unprecedented scalability for small to large enterprise needs - allowing you to work smarter, not harder.



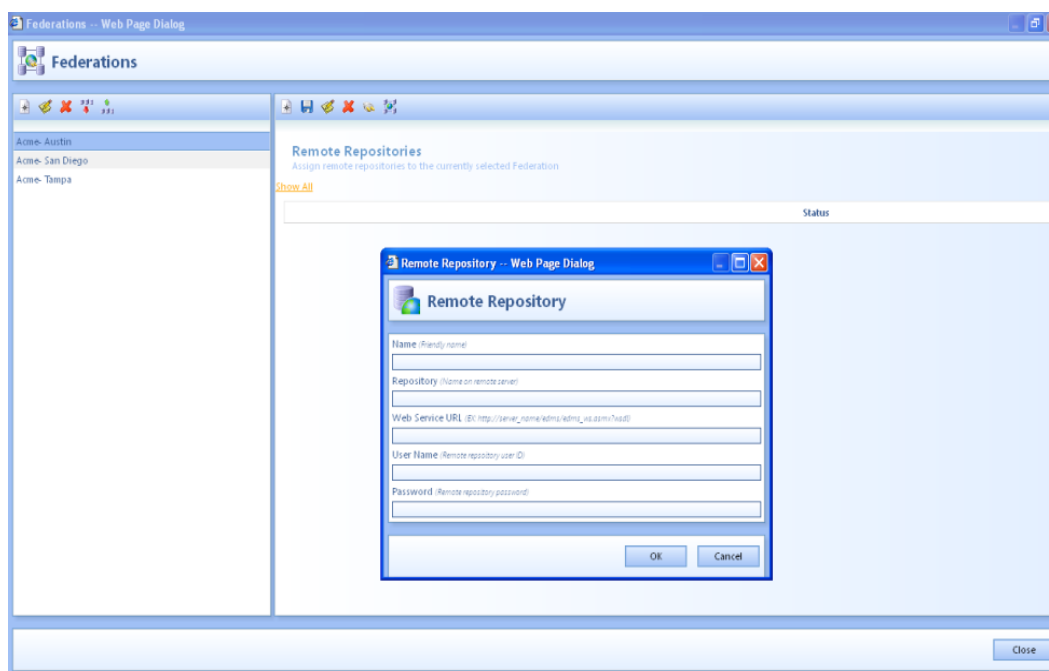
Other Syncade Smart Operations Management Modules

- Equipment Tracking (ET)
- Batch Production Records (BPR)
- Materials Management (MM)
- Weigh & Dispense (WD)
- Recipe Authoring (RA)
- Security & Audit (SA)
- Electronic Batch Record (EBR)

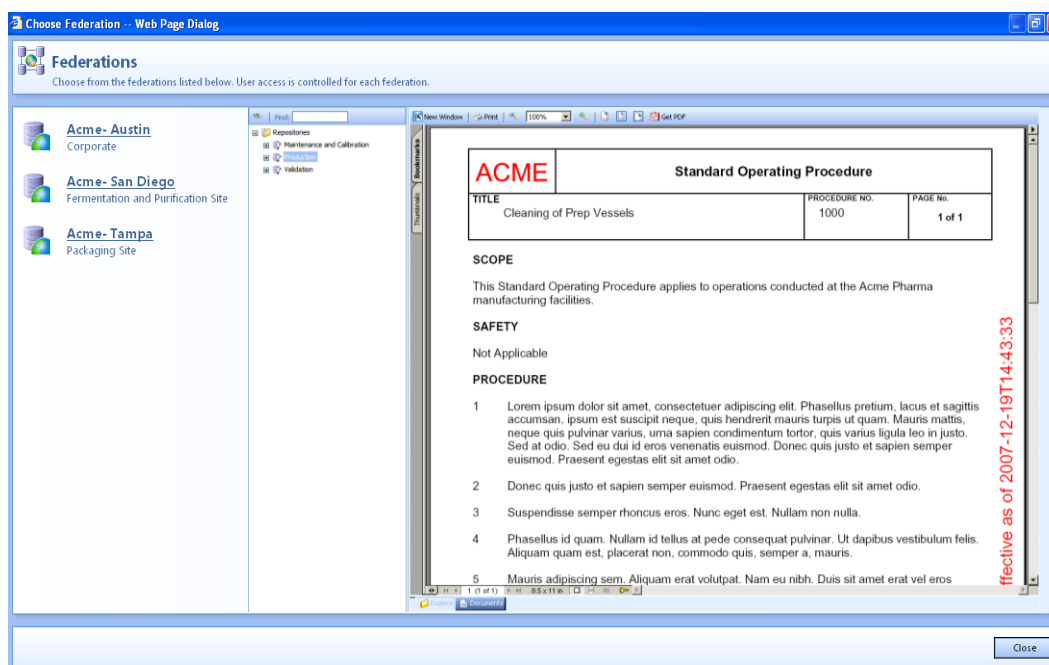
- Process Workflow (WF)
- Training & Development (TD)
- Manufacturing Information Portal (MIP)

General System Requirements

A server class PC with Internet Explorer is needed to support the Syncade solution. Microsoft SQL Server is the underlying database. For client access, a PC with Internet Explorer is needed. Please consult the factory for further details regarding hardware requirements and software versions.



Selecting and searching a Federation is intuitive.



Sharing best practices improves productivity.

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