

LIFE SCIENCES

FACT SHEET

Healthcare providers, pharmaceutical companies and medical researchers are all seeking easier ways to accelerate business processes while improving their ability to securely manage information in response to increasing regulations. Until recently, these organizations have had to acquire complex and expensive document management systems or endure lengthy custom design projects because these were the only solutions capable of addressing their diverse information management requirements.

Today, the advent of Internet standards governing information exchange and security provides a new opportunity to safely and easily integrate content management and collaborative functionality directly within the existing applications and processes of life sciences organizations. Xythos' solutions, including the Enterprise Document Management Suite and WebFile Development Suite, are designed using open standards-based technology for this purpose. A growing variety of life sciences organizations now depend upon Xythos to protect medical information while making it more easy to access and share across public networks.

Accelerating Research Protocols and Collaboration

In order to accelerate the research process, participants need information sharing tools that work safely across any network, without forcing them to leave their primary applications or learn to use new ones. Xythos Enterprise Document Manager utilizes open standards-based technologies including Java and WebDAV (Web Distributed Authoring and Versioning) to provide researchers with the easiest way to share information from within any desktop application or web browser. File requests such as "open" and "save" are performed just as if users are on a LAN, yet can now be safely performed over the web. Xythos also helps accelerate the research and trial process by providing integrated library services, including document version control, check-in/out, file access control and logging, which help ensure that research data is protected while keeping track of the discovery and test process.

Delivering a Secure and Common View of Information

The skyrocketing costs of drug discovery and development demand that life sciences organizations leverage every method available to improve information utility. Increased information visibility leads to reduced testing

Selected Customers

- Brigham & Women's Hospital
- Johns Hopkins Medical School
- ImClone
- New York Health and Hospitals Corporation
- Sudbury Regional Hospitals
- Med IT Lab at University of Calgary
- Veterans Affairs Health Care System Hospitals

Key Benefits

- Speeds Research Collaboration and Process
- Delivers a Common and Secure View of Information
- Reduces Compliance Costs
- Eliminates Email Attachments from Exposing Sensitive Information



“By deploying Xythos software and being able to collaborate more easily with colleagues, BWH was able to more efficiently compete for grant proposals, while also incorporating content from other hospitals and research organizations.”

- Dr. Michael Halle
*Director of Technology
Development at SPL
Brigham and Women's Hospital*

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and development costs. Xythos provides a central repository to store all types of medical information, allowing it to be safely exchanged between participants inside and outside of an organization. All Xythos-managed information is automatically indexed for easy access and discovery. User-managed access controls support shared project folders for team research and provide a proven method for managing content security through the stages of a research project.

Reducing Compliance Costs

Regulations designed to improve the protection of sensitive medical or patient information can not be avoided. However, compliance-related costs can be reduced by using a content management solution that easily integrates with existing and future technologies. Xythos Enterprise Document Manager integrates directly with enterprise directory services such as LDAP and Active Directory, ensuring that only authorized users are able to access information. Document classification, retention rules and file logging features help life science organizations adhere to compliance requirements with a complete record of activity history and automated disposition of record contents. Unlimited metadata support provides protocol-specific data recording and tracking while routing and approval features help streamline research protocols.

Eliminating Email Attachments

For life sciences organizations, email is likely the weakest link in their communications networks—potentially exposing sensitive content within messages and file attachments being shared across vast networks. Xythos addresses this issue by automatically replacing file attachments with secure links. Used in combination with email products such as Lotus Notes or Microsoft Outlook, Xythos' Intellitach™ technology turns every attachment into a protected file that can be safely shared between organizations. External collaborators don't even need to have an account Xythos to be able to receive and collaborate on content.

Customer Spotlight: Surgical Planning Lab at Brigham and Women's Hospital

The Surgical Planning Lab, a Harvard-affiliated medical research lab, at the Brigham and Women's Hospital, supports several national centers that involve many departments and researchers throughout the U.S. The lab struggled to find software that would allow multiple people to share and edit the documents that would form the basis for research grant proposals. After deploying Xythos, collaborators were able to safely and easily share files and documents through Xythos' intuitive user interface; through its library services, multiple researchers were able to easily contribute to common grant proposal documents. Since Xythos was implemented to assist with the institution's grant collaboration and proposal process, the Surgical Planning Lab has secured more than \$40 million in grant funding which they attribute to their use of the Xythos.