

# Online SaaS product development for document collaboration

## CASE STUDY

Algoworks helped an established internet storage solutions company in developing a web based platform to share, work and collaborate on files securely and quickly virtually from anywhere in the world.

### CUSTOMER

Our client is a renowned global player dedicated to providing a number of leading edge technologies in the online storage and online data backup spaces with a vision to provide customers with cost-effective and simple to use tools to assist with their data management and data security needs.

### BUSINESS SITUATION

Client wanted to develop a SaaS based online document collaboration portal with highly interactive features to manage documents. The objective of portal was to provide an effective and efficient online file storage system that has following capabilities:-

- Allowed storage and sharing of large files and multi file uploader
- Email files to users
- Directly extract attached documents in emails into users document storage space
- Collaborate on files
- Secured access to files
- Read scanned documents
- Zip and email selected folder inside users document space
- Word document to pdf conversion
- Document management in the form of files and folders

### SOLUTION

Algoworks proposed a robust and scalable Web2.0, SaaS architecture using Alfresco, Joomla and MySQL.

Central to the application was the Alfresco Enterprise content management system. Alfresco was used as the document management system and allowed collaboration of files between multiple users. Alfresco was customized based on business needs to support features like online payment, Email files, FTP upload of large files, dynamic domain email id and mail processing to extract attachments as documents from email, read scanned documents through OCR.

jQuery JS library and DWR were used to develop interactive UI features e.g drag and drop facility to move and manage files between multiple user folders.

Joomla was used to provide Web2.0 features like blog, forum and content management.

Portal was developed using complete open source third party applications and deployed on Linux server.

### BENEFITS

- ✓ Share files.
- ✓ Store attached files in emails
- ✓ Quick development using Alfresco and Joomla open source systems.
- ✓ Work on your files from anywhere in the world.

### Product Development

#### Platform - Java/J2EE

**Domain:** Enterprise content management

#### Engagement Key points

- Engagement started in 2008 and ongoing
- Ramp up time from SOW sign off - 20 days
- Peak Team Size - 5
- Team composition - Project Manager, Architect, Software Developer, Test Engineer, UI designer
- SDLC: Agile

#### Tools and Technology used

- Java/J2EE
- Alfresco
- Joomla
- jQuery, DWR
- MySQL
- Linux
- SVN - configuration management

All Trademarks Acknowledged