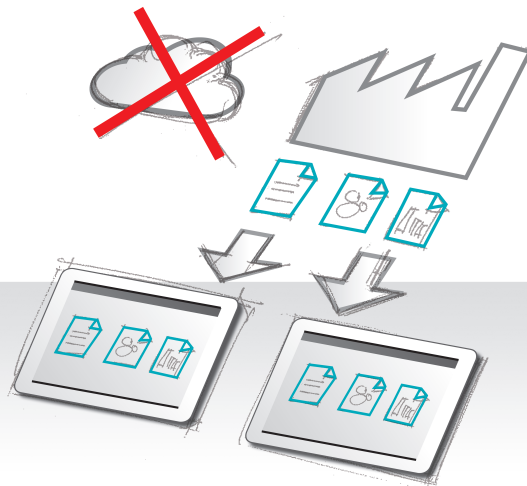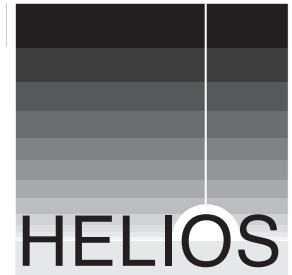# iPad Document Hub

Multiuser secure access to intranet server volumes

HELIOS iPad Document Hub allows access to intranet file server volumes to present and use server documents online and offline. Built-in file synchronization ensures that server files are automatically updated on mobile devices. Enterprise file server security is enforced for online and offline use. The solution is perfect for multiuser business environments of any scale.

HELIOS WebShare is the underlying server infrastructure to make defined file server data securely available to Document Hub users. Intranet users use native file server volumes to access the data, remote WebShare users can use a web browser for access, and Document Hub users have native app access.

Easy Remote File Access by mobile users requires only login authorization to access published server sharepoints. Access can be defined depending upon user name, group, and the server file system permissions. All app settings and defaults are specified on the server for all mobile users.

Hub for Documents interacts with all apps, allowing it to open documents in other apps or to receive documents. The Document Hub also presents document pages and images, prints, or forwards by Mail.

File Synchronization allows automatic update of files and folders for all app users for later offline use. All file transfers are highly optimized (parallel, compressed, streamed, resumable).

High Security is provided by a two-tier server application. The WebShare Web Server handles the Internet communication on a separate server to ensure that the main file server is not exposed to the Internet. The server file system security is enforced according to the user credentials. Offline Document Hub file access requires a password which is verified against the server password stored securely in the iOS keychain. Customized server login scripts can restrict access to permited iOS devices only. Detailed audit trail logs all user access.

Features & Benefits

App Features
- ■ Work offline with server documents
- ■ Browse, preview, transfer files from/ to intranet server volumes
- ■ Present documents, images, movies
- ■ Open documents in other apps (Numbers, Keynote, Quickoffice, …)
- ■ Receive documents from other apps
- ■ Spotlight search of server content
- ■ Print documents via AirPrint
- ■ Forward documents via Mail app
- ■ Server generated document previews

File Synchronization
- ■ Server specified files & folders
- ■ Compressed & resumable transfers

Security
- ■ RSA 1024-bit encrypted login, HTTPS
- ■ Authentication and file permissions enforced by server OS
- ■ Password enforced for offline use
- ■ No cloud, no VPN, no direct access

Flexibility
- ■ All major server platforms
- ■ iPad, iPhone (iOS 5 or higher)
- ■ App source code is available

Smart Ideas for Better Networking.

System Requirements

WebShare File Server

- One of the following server systems: Apple Mac OS X, Linux, Oracle Solaris, IBM AIX, Windows Details: www.helios.de/platforms
- 32 MB RAM; 10 MB per active iPad
- Licensed per WebShare File Server

iPad Document Hub

- iPad or iPhone
- iOS 5 or higher
- 1 MB app disk space
- Offline data disk space (per user needs)

Product Highlights

Server Installation

- Fast, menu-driven installation, easy for system administrators
- Web based administration

Client Installation

- Download from the App Store
- Quick setup: user, password, server

Access Permission

All file server OS authentication and file-system access permission is enforced for remote users. Additional access customization allows:

- Specify users/groups per Sharepoint
- Allow or deny preview, upload, download access
- Send E-Mail notification on access
- Restrict access by app device IDs
- Login-scripts for further restrictions (e.g.: remote IP address , device IDs, username, device location, login-hours)

Intelligent HTTP XML Protocol

All communication between the app and the server is done via HTTP XML requests. The protocol is optimized for secure and fast remote access:

- RSA 1024-bit encrypted login
- Compressed file transfers
- Resumable uploads/downloads upon network availability
- Server based preview generation (low-res for quick previews/icons)
- Quick directory browsing
- Streaming download/upload

App Source Code – Document Hub

Customers, integrators, enterprise businesses and media companies can build their own customized app solutions for different needs. The full HELIOS Document Hub app source code is available to WebShare customers. It allows customization and development of their entirely own apps by utilizing the intelligent and secure remote content access foundation of their WebShare servers. Benefits include:

- Full app source code access (100%)
- Time-to-market savings
- Major app development savings
- No charge per view, content, issue
- No charge per app
- No dependency on vendor hosting, content is hosted on customer's Web-Share server (no HELIOS hosting)
- Powerful, reliable, and intelligent app
- Utilizes HELIOS WebShare server: PDF rendering, image processing, color management, authentication, Zip streaming, hot-folder automation option, etc.
- Intelligent local app caching of accessed files/folders/documents/previews

HELIOS WebShare app source is confidential, requires NDA agreement.
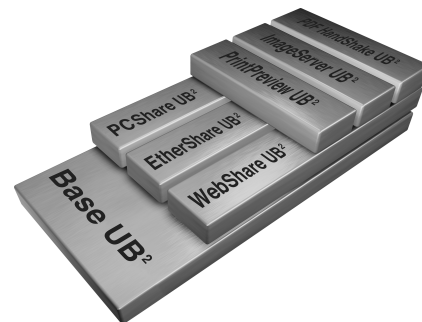
HELIOS WebShare & Base Benefits

The server utilizes HELIOS WebShare and HELIOS Base. Learn about them at: www.helios.de/products

The WebShare File Server and the Web-Share Web Server use HELIOS Base, which provides these core HELIOS technologies: Server fail safety, Unicode support, networking, and more.

Flexible Licensing Scheme

The WebShare File Server license is tied to a file server machine and a certain number of users. There is a 10 user server base license available. Expansions are available in steps of additional 10, 100 or unlimited users. Optional maintenance agreements: Software Upgrade Service, cold spare licenses.

A product from:

HELIOS Software GmbH
Steinriede 3
30827 Garbsen
Hannover, Germany
Fax: +49-5131-709325

Internet: www.helios.de

More details on the HELIOS website: www.helios.de/web/EN/products/start.html

Your HELIOS partner:

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