



## Better Remote Access to File Sharing

empower your remote  
and mobile workforce

**Product Information:**

[www.airdocs.com](http://www.airdocs.com)

+44 (0)207 1275991

**Sales Inquiries:**

[sales@airdocs.com](mailto:sales@airdocs.com)

+44 (0)207 1275991 ext. 9091

**Alliance Partners:**

[resellers@airdocs.com](mailto:resellers@airdocs.com)

+44 (0)207 1275991 ext. 8010

**Media Enquiries:**

[pr@airdocs.com](mailto:pr@airdocs.com)

+44 (0)207 1275991 ext. 8010

## Airdocs EFA Software

Airdocs EFA (Enhanced Fileserver Access) software empowers users of remote Windows workstations and laptops by dramatically accelerating and improving fileserver access and file sharing over WAN and VPN connections. Dramatically faster, highly resilient access to shared files and folders in the office is provided by Airdocs Fast Folders. Email attachments are turbo charged by Airdocs Quick Links and additional features further transform remote and mobile productivity.

Whether remote file access or file sharing takes place over GPRS, 3G, 56K dialup, WiFi hotspots, satellite phone, DSL or leased lines, revolutionary ARTR compression technology built in to the software ensures that even large files are copied and shared between 10 and 1000 times faster - yet no reconfiguration of your Windows user accounts, fileserver shares or email systems is required to use it. The ROI provided is therefore immediately evident.

## Business Applications

Airdocs EFA customers include government departments, large corporations and medium to small size companies that need to provide remote and mobile employees with fast, secure and effective remote file access and file sharing.

### Remote and Mobile Work and Telework

In today's increasingly connected society, traveling salespeople, remote workers, mobile workers and work extenders may need access to corporate file sharing from laptops and workstations that are outside of the office. However remote network connectivity depends upon wide area links such as GPRS, 56K dialup, WiFi hotspots and DSL that offer much less bandwidth and reliability than the standard Windows fileserver protocols are designed to cope with.

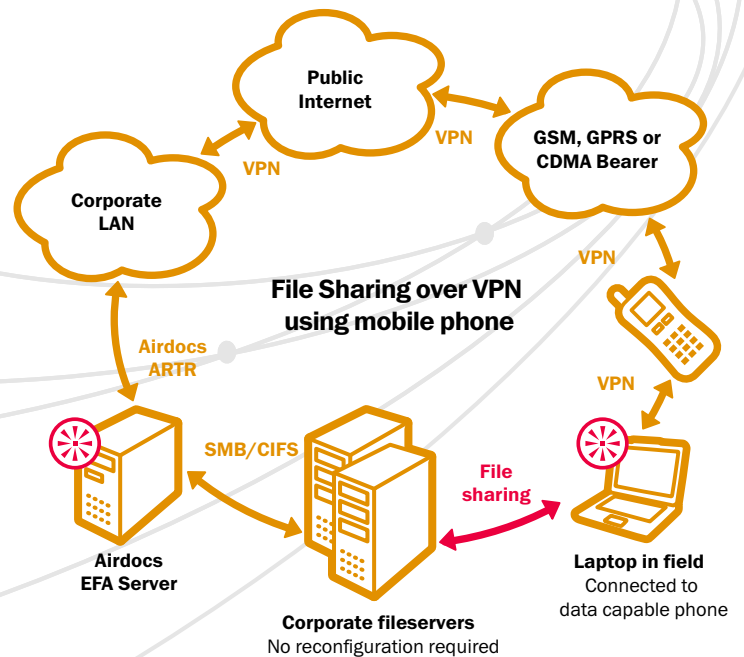
Deploy Airdocs EFA to provide remote workers with fast and resilient access to file sharing over even the slowest and most unreliable of network links, and rich features that includes functionality for accelerating and improving file sharing using email attachments.

### Accelerate Access from Satellite Offices

Organizations with satellite offices may want to improve file access and file sharing over their WAN or VPN. Airdocs EFA provides an ideal solution.

## How It Works

Airdocs EFA is a client/server software system for the Windows platform which has a groundbreaking file transfer technology called ARTR (or Adaptive Redundant Transfer Reduction) builtin. During file transfer operations ARTR seamlessly compresses file data in transit by up to 1000:1 by reconstructing large parts of files at the destination using data that is cached or otherwise accessible. The Airdocs server, which runs as a service, is installed on a Windows computer attached to your LAN. The client software is installed on remote Windows workstations and laptops and connects to the server over a VPN, WAN or the Internet. Remote users may then access Airdocs features and can create Airdocs "Fast Folder" shortcuts to file shares that provide remote access to corporate file sharing at unprecedented speeds.



### Business to Business Integration

If a remote user has valid logon credentials Airdocs EFA can log them on to LAN-based file sharing even if their Windows session has not been logged on. This makes it possible to provide freelance workers, customers and partners with restricted access to selected file shares over an extranet.

### File Sharing on the LAN

Airdocs EFA is valuable even when remote working is not involved. For example, files shared by Airdocs Quick Link email attachments reduce the amount of data duplicated across email Inbox databases, thereby reducing server storage requirements.

## Security

Protecting the privacy and integrity of its data and network resources is of the utmost concern for any organization. Airdocs EFA has been designed with your security issues in mind.

### Encryption of Data Communications

Regardless of whether Airdocs EFA is being run over a VPN, WAN, the Internet or even your office network, the software always encrypts all of its communications. The client and server establish secure communication links by using the Diffie-Hellman Secret Key Exchange algorithm to establish shared 1024-bit secret keys, which are then used to encrypt all data that passes between them in such a way that it cannot be deciphered and that any changes made to the data are detected and rejected.

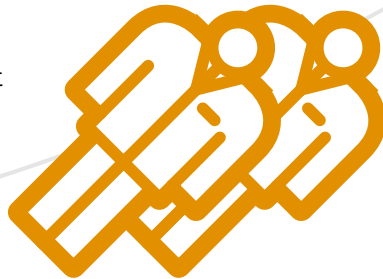


### Control of File Access Privileges

Access to file shares is controlled by your Active Directory or NT domain user accounts as usual. Inside the Airdocs server software threads of execution actually logon to Windows as the user of the client software on whose behalf they are executing, guaranteeing that users are provided with exactly no more and no less file access privileges

### Restrict Access by User Account

Using the Airdocs EFA server control panel an administrator can restrict Airdocs EFA file sharing access to a list of user accounts.



### Max Logon Attempts and Other Features

Although Airdocs EFA is often used within the security of a VPN, it has been designed so that it can also be securely operated in insecure environments. In addition to data encryption the software therefore restricts login retries and implements other behaviours that maximize the security provided.

## Real Benefits

### Increased Productivity

File access and file sharing can be key factors in the productivity of remote and mobile workers. Files and documents may be required before new documents can be created or decisions made. Sales personnel may require the latest materials before a meeting, and managers may need to share proposals before submitting them to customers or other managers.

In the absence of effective file access and file sharing, secretaries help remote users search the contents of documents, and unnecessary journeys are made. Airdocs EFA empowers remote and mobile users with fast, effective and resilient file access and file sharing, helping to maximize your organization's productivity.

### Telecommunications savings

Airdocs EFA delivers gains in productivity partly by massively accelerating remote file access and file sharing. However this acceleration of file access and file sharing provided by the ARTR technology embedded in the software also delivers reductions in telecommunications costs. Network access from hotel lines and satellite phones, for example, is notoriously expensive, and the acceleration provided delivers commensurate reductions in time spent online and therefore your size of the bills generated. Many new mobile data systems, including the GPRS system, base their tariffs upon the amount of data transferred across the network, rather than the time connected. In such cases ARTR delivers even larger savings.



### Employee Satisfaction

Professionals are increasingly seeing remote working as a key benefit and lifestyle choice, and an effective implementation can therefore help your company recruit, retain and motivate valuable employees.

### Increased Sales

Your sales force can access and share the documents that it needs and continue working on the road and close sales faster.

## Airdocs EFA Features and Benefits

**ARTR**  
Adaptive Redundant Transfer Reduction

The ARTR system built into Airdocs enables employees with remote laptops and workstations to easily access and share files over wide area network connectivity including GSM, GPRS, CDMA, 56K dialup, DSL, satellite phone and WiFi hotspots. Effective file compression ratios of up to 1000:1 are possible, especially when accessing or sharing revised files or derivatives of files that have been accessed before, providing dramatic acceleration for users and reducing the cost of telecommunications.

**Fast Folders**  
Special shortcuts to corporate file shares

Users can create Fast Folder shortcuts with ease, which provide fast and resilient access to folders on corporate file shares over WAN connectivity together with powerful Airdocs EFA functionality. Fast Folders can be saved to the Desktop or copied and shared as email attachments. No reconfiguration or additional maintenance of your user accounts or file servers is necessary.

**Quick Links (for Email)**  
Special shortcuts to shared files

Sending and receiving emails with documents attached can be painfully slow and expensive over WAN connections. Sending and receiving Quick Links to files as attachments is extremely quick and inexpensive by contrast. An added advantage is that the mechanism reduces the duplication of file data across user Inbox databases. The Quick Link system works with all major email packages out of the box.

**Restartable File Transfers**  
Restart from where you left off after a break in your connection

ARTR keeps a cache of file data that users access and upload to file shares. This enables Airdocs EFA to automatically restart broken file copy operations from where they left off, delivering outstanding efficiency for remote workers.

**Automatic Version Control**  
Prevent data loss accidents by file overwrites

If two users edit a copy of a file remotely and then copy it to the same shared folder, there is the risk that one revision will overwrite the other. Airdocs EFA tracks version access and automatically warns users when a copy operation might result in a "lost update".

**Offline Capability**  
Improve performance and access files offline

When no connectivity is available Airdocs EFA can switch into "Offline Mode" providing access to shared files and folders inside the ARTR cache. Users can configure Airdocs EFA to preload selected files and folders into the cache when they log off from their LAN, ensuring offline availability and also enabling ARTR to deliver even greater performance.