



## viaMQ: Files

### Quick and Reliable File and Document Delivery



*viaMQ:Files is a cost-effective solution for message delivery environments requiring a WebSphere MQ interface.*

#### **Assured and Secure Message Delivery**

*viaMQ:Files* by Willow Technology extends the IBM WebSphere® MQ middleware technology by offering organizations a cost effective, efficient, and reliable solution for assured document and file delivery. Moving beyond limited, timely, and expensive file transport systems, *viaMQ:Files* distributes mission-critical and time-sensitive documents in a secure, multi-platform environment.

#### **WebSphere MQ Connectivity from Existing Applications**

*viaMQ:Files* is designed to allow applications that deal primarily with files or documents to take advantage of the reliable MQ Messaging environment for document or file delivery to remote systems—without the time or expense of modifying existing applications to make them “MQ aware.” Leveraging the WebSphere MQ assured delivery system, *viaMQ:Files* further enhances the WebSphere MQ capabilities by assuring file and document delivery even from systems running a WebSphere client.

#### **Highlights**

- *Leverages the MQ assured delivery and transactional integrity features to assure the reliable delivery of a file in its entirety or not at all*
- *Offers automatic file recovery and retransmission in case of a network or system interruption*
- *Delivers files directly to native MQ applications and delivers native MQ application output to a file, or delivers reliable file-to-file*
- *Allows the receiver to process messages as they arrive while other messages continue transmitting. With FTP, an entire file must be received before the receiver can start to process the contents*
- *Supports flexible, asynchronous processing whereby the sender and receiver do not have to be simultaneously connected. FTP is a restrictive, point-to-point protocol requiring both sender and receiver to be simultaneously connected*





## System Requirements

### Platforms

AIX

DYNIX/ptx

HPe3000 MPE/iX

HP-UX

IRIX

Linux

NCR MP-RAS

SCO OpenServer

Solaris

UnixWare

Windows NT, 2000, XP

## Modes of Operation

### File-to-File

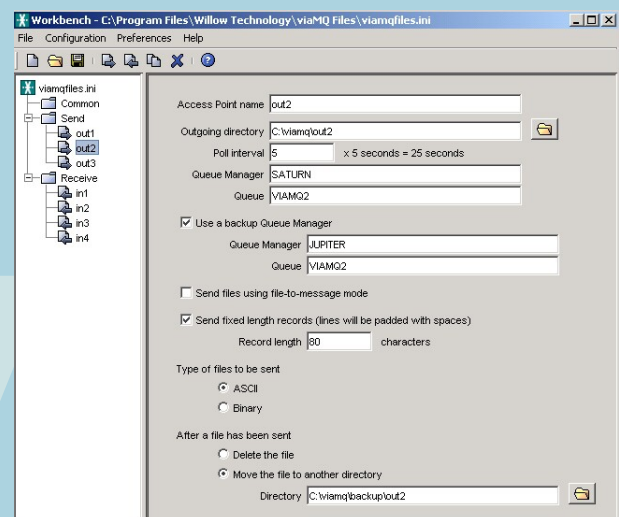
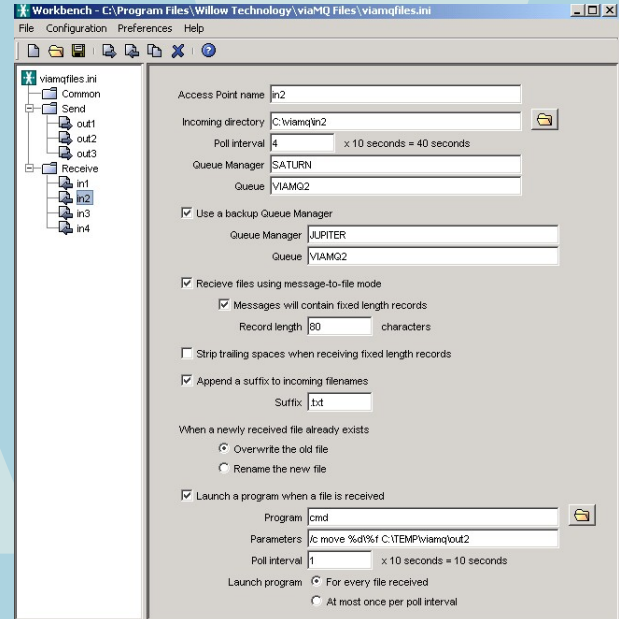
In file-to-file transfer mode, an entire file is transferred to a remote system where the file is reconstructed and delivered to the receiving application as a local file.

### File-to-Message

In file-to-message transfer mode, a source file is delivered to an MQ application as a sequence of messages. The messages are then processed by the MQ application and the output is delivered back to the originator as a file.

## Advanced Features

- Works with MQ clustering for resilience; also provides internal control for failover in a non-clustered environment
- Supports launching applications upon receipt of a file or message
- Logging and audit trail
- Supports fixed and variable length ASCII files, as well as binary
- Multiple simultaneous sources and destinations



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

Willow Technology, Inc., 469 El Camino Real, Suite 220, Santa Clara, CA 95050  
tel +1.408.296.7400, fax +1.408.296.7700

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