



# RightFax Internet Connector

The RightFax Internet Connector is a service which provides an Internet connection for transmission between two RightFax fax servers that bypasses the telephony network.

This technology extends the existing capabilities of RightFax by fundamentally changing the way faxes are transmitted. Because the RightFax Internet Connector uses the Internet to transmit faxes, transmission speed is significantly faster. Simply put, you can now fax at the speed of the Internet.

The RightFax Internet Connector uses encryption and validation techniques to protect documents during transmission. Faxes are transmitted as tamper-proof TIFF files unmatched in document security, fidelity and legal standing.

The RightFax Internet Connector is a behind-the-scenes transmission improvement. There is no change to the way users send or receive faxes. No retraining required!

## The RightFax Internet Connector introduces the first-ever external Least-Cost Routing

Least-Cost Routing is the process of selecting the path of outbound communications traffic based on lowest cost. With traditional RightFax Least-Cost Routing, administrators route fax traffic between RightFax servers on an internal network to minimize or eliminate fax transmission costs by sending the fax on the PSTN from the where the call is the least expensive. This process is "internal" only.

RightFax Internet Connector uses the same principle externally by routing fax traffic over an Internet connection directly between any two RightFax servers, bypassing the PSTN altogether.

## The RightFax Internet Connector keeps your faxes safe

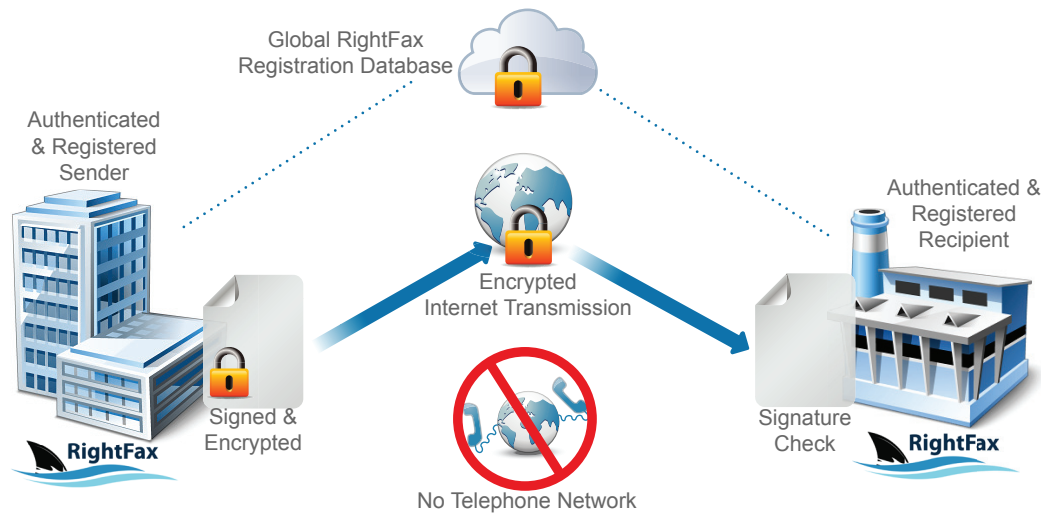
Security of the transmitted fax is important. The RightFax Internet Connector ensures that the original fax sent is identical to the received fax. Steps taken to secure document transmission:

- A digital signature of the fax to be transmitted is obtained.
- The fax is broken into blocks of data for transmission.
- Each data block is digitally signed and decrypted. Upon receipt of the block, another digital signature is obtained and compared with expected signature.
- After all blocks are received, they are unencrypted, and combined to recreate the fax.
- The digital signature of the received fax is compared to the signature of the sent fax.
- Any discrepancy will return an error to the fax server resulting in the fax being sent via telephony.

These security measures ensure that the content of the fax transmission has been securely sent and received, without any tampering or interception.

## The RightFax Internet Connector maintains your privacy

Privacy of your information is important. Your account information, fax numbers and contact information remain private and secure.



### How does the RightFax Internet Connector Work?

Once RightFax 10.5 and the RightFax Internet Connector have been installed, the administrator will configure the RightFax Internet Connector, enable a dialing rule for the RightFax Internet Connector, create an account for the organization and register all fax numbers. Once the account has been approved and the fax numbers have been verified by OpenText, the organization can begin using the RightFax Internet Connector to transmit faxes.

The behind-the-scenes transmission using the RightFax Internet Connector:

1. The user prepares a fax with RightFax the same way they always have and presses the send button.
2. The dialing rule checks to see if the fax number entered has been verified in the global RightFax registration database. If the number is not present in the global RightFax registration database, or is not in verified status, RightFax will send the fax over a phone line.
3. If the number is present in the global RightFax registration database in verified status, the RightFax Internet Connector retrieves the IP address associated with the receiving RightFax server.
4. The RightFax Internet Connector creates a digital signature of the entire file, breaks the file into data packages, encrypts and digitally signs each data package, and then transmits them over a reserved channel using HTTP Message Body Encryption. At this point, the fax status in FaxUtil is "Sending."
5. Once the document has been sent and received, the fax status in FaxUtil is "OK." The Fax History will show "RIC Success" in the "Resulting Status Code" line.

### Benefits of using the RightFax Internet Connector

Using the RightFax Internet Connector brings many benefits to user, administrator and overall company alike.

- RightFax Internet Connector sends faxes from one RightFax server to another using an Internet connection, bypassing the telephony network without incurring any fax transmission charges.
- Unlike traditional faxing, the RightFax Internet Connector will not incur long transmission times, channel congestion or transmission failure due to the telephony network. You will save significant time by sending faxes outside of the telephony network at Internet speeds.
- You will have confidence that the receiving entity has been validated for increased security and compliance. The RightFax Internet Connector includes a cloud-based registration tool, the global RightFax registration database, which helps to verify that a registered fax number belongs to the business the sender believes it to be.
- You will have confidence that each transmission's content will be safe from interception and tampering. The RightFax Internet Connector uses encryption and validation techniques to protect documents during transmission. Also, faxes are transmitted in TIFF format, and TIFF images are tamper-proof.

The RightFax Internet Connector is a behind-the-scenes, secure transmission method that is transparent to the user. Additional speed, confidence and value without any additional effort for the user!

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