For most organizations, fax remains a secure communication tool for processing document-centric workflows. While fax solutions in the past have traditionally been presented as strictly on-premise solutions, an increasing number of organizations are pursuing strategic ways to move their fax processes to the cloud.

RightFax System Architecture in the Cloud

To host RightFax in the cloud, you need to create a VPN between your on-premise network and the Cloud. With this configuration, faxes can be securely sent and received via email, web clients, MFPs, or even workflow applications. Native RightFax integrations and functionality are easily forklifted to the Cloud, allowing organizations to maintain all existing workflows and capabilities with RightFax.

Additionally, you will need to leverage an Internet Telephone Service Provider (ITSP) to establish a connection with the Cloud and the PSTN.
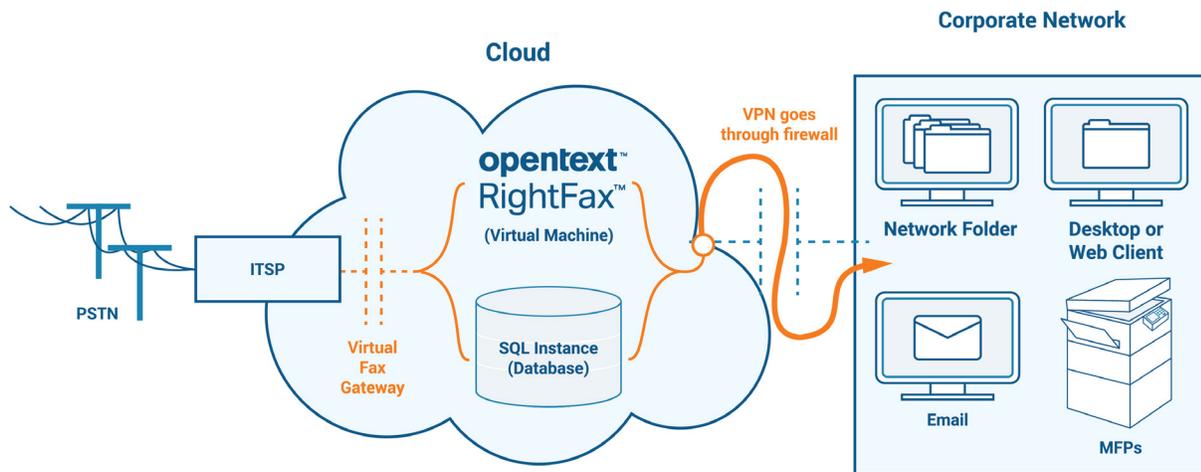
The Requirements of Hosting RightFax in the Cloud

When moving to a IaaS solution, the system requirements for RightFax don't change. However, when you host in the cloud, there are additional considerations that are critical to the success of a cloud migration:

Infrastructure Requirements
- ❯ Hosted Virtual Machine
- ❯ Site-to-Site VPN
- ❯ Cloud-based SQL Instance
- ❯ Cloud-based SBC or Virtual Fax Gateway

Security Enhancements
- ❯ Encryption of Data & Communications
- ❯ Active Directory Authentication
- ❯ Compliance with Industry Regulations

Remember, while there may not be significant requirements to migrating your RightFax system to the cloud, ensuring optimal connectivity via a VPN is critical to maintaining your existing integrations and workflows.

RightFax Cloud Telephony

Implementing telephony can be the most complicated consideration when it comes to migrating on-premise RightFax to the cloud, but our Cloud experts have come up with a couple of questions you can ask yourself to simplify the process:

1 Most carriers do terminate traditional MPLS SIP Trunks to major cloud providers, but are they optimized for T.38 fax?

2 Do you want to use a dedicated Internet Telephony Service Provider (ITSP) for fax traffic?

ITSP Providers

ITSP providers can help organizations lower their operating expenses by allowing them to remove costly PSTN connections, including analog lines and T1 / PRI / TDM circuits that have been traditionally reserved exclusively for fax. Fax traffic can then be easily routed over an organizations existing IP network where a cloud fax service provider such as AWS or Azure will then deliver the fax over the PSTN.

Organizations planning for a migration to the cloud will appreciate the flexibility and common features present in most T.38 providers, including:

❯ Support encrypted tunnel securing your fax traffic once faxes leave your network
❯ Telephony Networks optimized for T.38 Fax
❯ Does not require dedicated circuit

❯ Charge by number of concurrent sessions available and call minutes
❯ Run over existing internet connection

For successful migration of your existing RightFax system to the cloud, we recommend leveraging an Advantage certified T.38 cloud telephony partner that allows for full virtualization, without the need for on-premise fax gateways.

Choosing an Advantage ITSP partner means you can continue to leverage your Advantage support plan to resolve any potential issues.

Conclusion

By hosting RightFax in the cloud, organizations that are pursuing cloud-first strategies can leverage existing license investments and ease the transition for end users. Providing powerful document delivery security and unmatched reliability, infrastructure-as-a-service is a solution that eliminates many of the hassles and complexities of managing an on-premise system, all while streamlining the efficiency of your organization.

To get started with planning a successful migration, reach out to today and learn more about the benefits and requirements of hosting RightFax in the cloud.