



# Why cloud fax is more secure than email

Email may be a much newer technology than fax, but fax use continues to grow by more than 12% every year. This has left many onlookers confused as fax seems like an outdated technology that should be left in the past. However, there are very legitimate and important reasons as to why faxing is better – an important one being its inherent security.

## The problem with email

Sending a document via email is almost like writing it on the back of a postcard and popping it into the mailbox, to be read by every single person who handles it on its journey to its destination. When you click “send” on an email it gets sent through firewalls, ISPs, servers, virus checkers and even data harvesting bots. It is stored, saved, copied and forwarded multiple times without any form of encryption. This means that email can very easily become compromised and the important data within it can be read and downloaded by unscrupulous third parties.

## Why cloud faxing is better

Cloud faxing, and even manual faxing, are a different story entirely. Traditional faxing uses the Public Switched Telephone Network (PSTN) which is inherently secure. When a document is sent by fax it is converted into base64 binary at its source, sent through the PSTN and then reassembled at the other end. Hacking into the PSTN would require direct manual access to the telephone line, and even if a file was intercepted it would appear as nothing but noise, making it impossible to interpret / read.

## Enhanced security with Sfax

Sfax is built for healthcare, providing enhanced security measures that ensure HIPAA compliance for all healthcare users:

- Physical safeguards mean that PHI is stored in redundant SSAE16 Type II certified data centers.
- All documents inside of Sfax are protected with strong encryption in transfer with 256-bit TLS and multi-layered encryption at rest with 256-bit AES.
- Two-factor (Password, PIN), independent authentication. Customizable role-based permissions, IP restricted access. Sfax also automatically logs off during inactivity.
- Sfax creates a complete audit trail for all the activity that occurs on each document for full HIPAA compliance.

Email that is not encrypted is far too insecure to even come close to compliance with any kind of privacy or security regulations. Many people thoughtlessly send private data by email, not realizing that the information they are sending could be intercepted along the way and potentially get into the wrong hands. If you need to send or receive sensitive documents then you should use a secure cloud faxing service. It's easy, efficient and completely secure.

**We are Sfax.**



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