





ESTA

Emprise Secure Transfer Agent

Introducing

# A BETTER SOLUTION

**ESTA, Emprise Secure Transfer Agent is a secure automated file transfer solution. Installed as a Windows service, ESTA runs quickly and quietly in the background, to ensure that data makes it to its intended destination safely.**

The simple nature of the our software allows for easy integration into existing systems, and interoperability with other software solutions whether they be legacy or bleeding edge products.

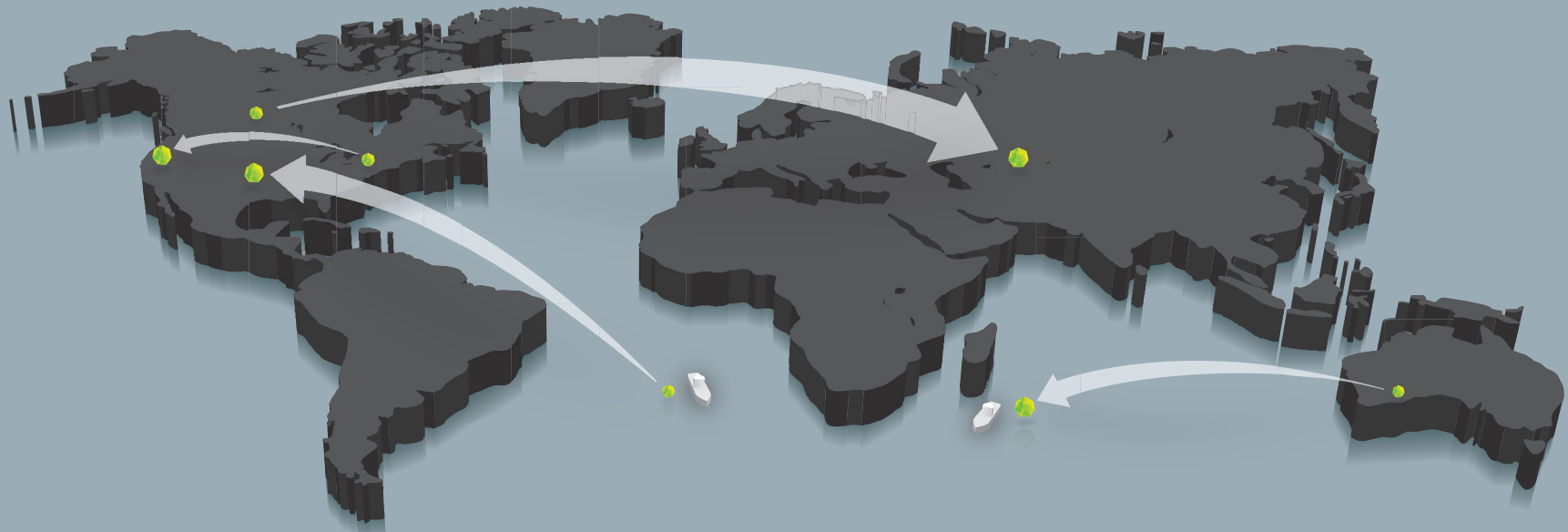
If your connection drops, ESTA will re-establish a connection when it can, and resume your transfer right where it left off, instead of restarting at the beginning; ensuring minimal bandwidth usage despite the stops and starts. ESTA does the heavy lifting for you, allowing you to focus on the data, instead of focusing on how to get it from place to place. No longer will you have to rely on stop-gap solutions and command line utilities. Set it up once, and it'll run for forever.

ESTA owes its minimal bandwidth usage to data compression, a minimal binary transfer protocol, and its segmented transfer mechanism. These systems all act in concert to get your data there on time, intact, with minimal cost and maximum security. We do all of this while, at the same time, ensuring the impact to your users is negligible. Performance is key in application scaling, and so the ESTA solution targets minimal memory usage making sure that your users, applications, and servers are left to perform their primary functions, un-impacted by background file transfers.

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Taking a closer look at

# THE BIG PICTURE



File being transferred



File transfer using ESTA

# Who Can Benefit From ESTA's Services

Whether you are located out at sea, in the trenches, an industrial site, or simply the leisure of your own home, ESTA will ensure that your all your file transfers are secure and reliable.

Regardless of the scenario, ESTA is built to handle the most strenuous conditions and operate with a low profile in order to maximize results without compromising your computer's performance.



## **Logistical**

Transfer your inventory data from warehouse to warehouse quickly and easily.



## **Military**

Hostile work environment? Get your data in, and out, safe in the knowledge that no one is listening.



## **Office**

Securely transfer large files to remote offices without setting up complex VPN tunnels.



## **Home**

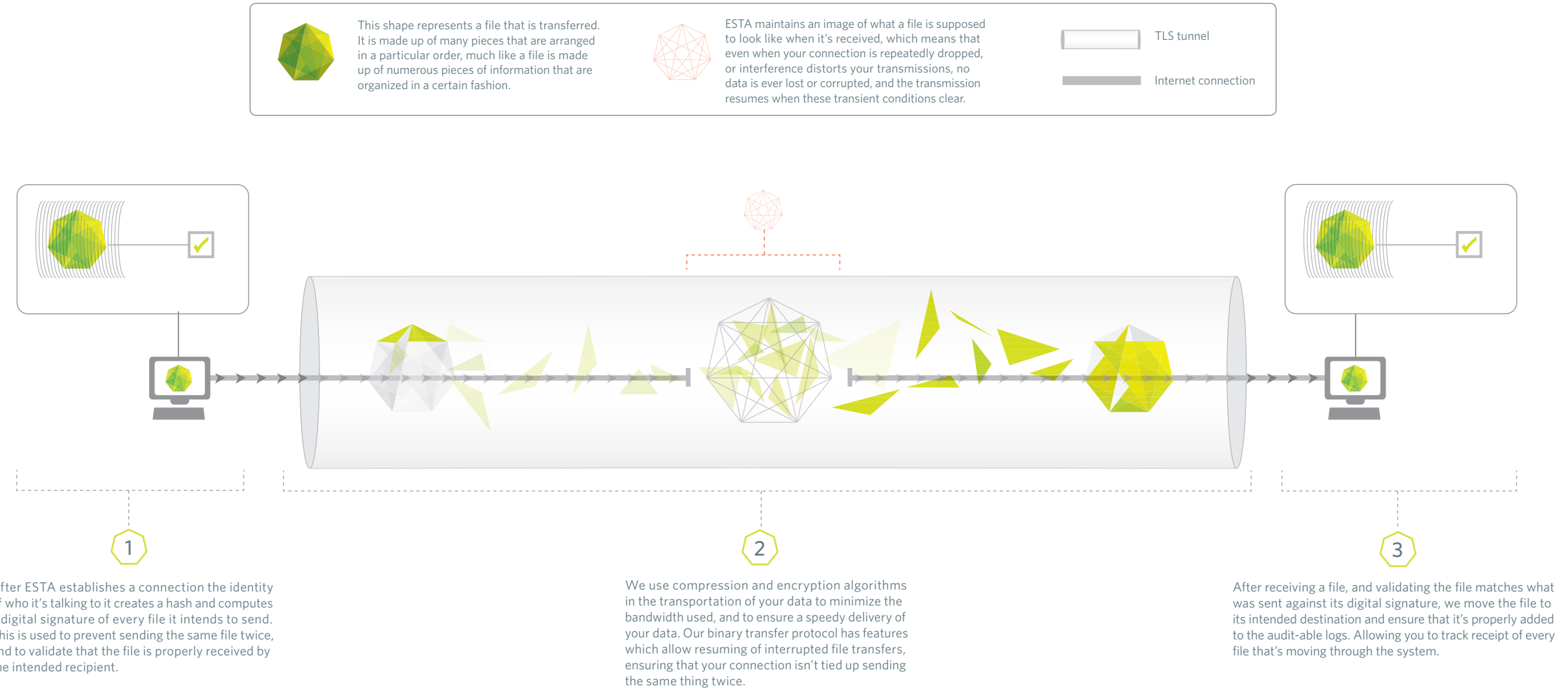
Too big for email? Too urgent for snail mail? We can help.

# THE INNER WORKINGS

ESTA transfers data in discreet chunks, using secure hash algorithms to validate data receipt, discover potential tampering, and to minimize data retransmission in the event of corruption or disconnections. This allows us to resume a file transfer where it left off, rather than start over from scratch as is required by other older protocols.

This system also ensures maximum data integrity by validating data as it's received and written to the disk, and validation of the whole file when the transfer completes providing you with peace of mind, secure in the knowledge that your data is safe.

A secure TLS tunnel is used to protect all communications between peers. We implemented industry standard PKI infrastructure to provide reliable identification and secure communication, so you can rest comfortably knowing that your data goes where you want it to go, and nowhere else. High bit depth asymmetric encryption algorithms provide a secure basis for peer identification and are used worldwide by the most important security industries including banking, health care, and even government security sectors.



Attention to detail is

# WHAT SETS ESTA APART

## Secure

Security Is Imperative

Emprise Secure Transfer Agent uses the industry standard TLS protocol to ensure that your files are safe from prying eyes, and a secure public/private key based certificate system to ensure that files aren't intercepted along the way. Detailed audit records are standard, logging every connection and more.

- TLS
- 1024 bit or 2048 bit Public/Private Key Exchange
- Certificate based peer identification
- FIPS compliant option
- Detailed audit records

## Simple

Simplicity Begets Productivity

Emprise Secure Transfer Agent does not require cumbersome client software for your users to move files around with. Transferring files with Emprise Secure Transfer Agent can be accomplished by simply dragging files within the Microsoft Explorer file manager.

- Drag, drop, and done
- File explorer Interface

## Reliable

Reliability is Essential

ESTA ensures that users have maximum data integrity by validating files before, during, and after transport. If you have an unreliable internet connection, Emprise Secure Transfer Agent will save you time and energy by resuming your file transfers exactly where they left off, instead of re-sending the entire file again.

- Automatic file resume
- Periodic connection retries
- Resumes exactly where it left off

Regardless of the application, ESTA delivers proven quality that matches the highest standards in the file transfer industry. With unrivaled security, simplicity, and a cost effective approach to file transfers, ESTA guarantees excellent results every time.

## Flexible

Flexibility allows for future expansion

Emprise Secure Transfer Agent's flexible routing system allows you to setup computers to be used as relay points, also known as hops, or switching points. This allows you to manage the flow of files over network architectures which might not allow a direct connection between two computers.

- Dynamic message routing system
- Multi-tiered options available

## Proven

A tested program ensures reliability

ESTA has successfully transferred millions of files, encompassing thousands of gigabytes of data. Including many significant transfers over low bandwidth and unreliable satellite internet connections.

- Millions of files
- Thousands of gigabytes

## Cost Effective

More functionality for less

Emprise Secure Transfer Agent is the most cost effective secure file transfer solution available today. If you're using satellites to transfer your data, you can expect a return on investment in less than a year.

- Bandwidth usage reduction





ESTA is a product of Emprise Corporation.  
For more information on this and other products visit:  
[www.emprisecorporation.com](http://www.emprisecorporation.com)