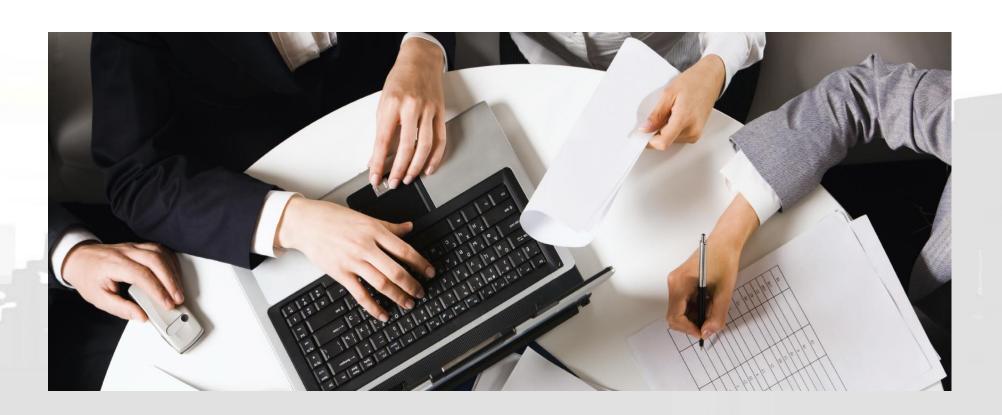


Software Diversified Services Securing your FTP Transmissions on z/OS The Different Options



Today's Agenda

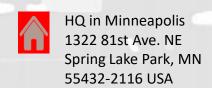


Introductions and Company Overview
Pros and Cons of using FTP
Pros and Cons of FTPS and FTP over a SSH Tunnel
Pros and Cons of SFTP, FTP to SFTP (Hybrid Solution)
Pros and Cons of VPN and PGP



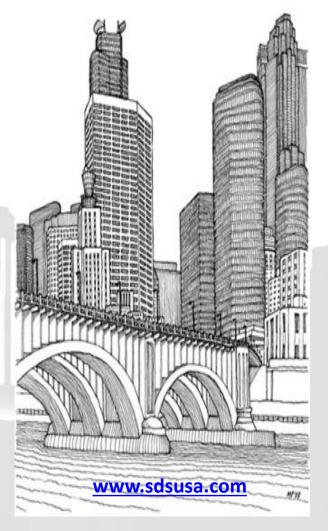
Software Diversified Services Proudly Serving Enterprise Customers for Over 36 Years

- Financially Rock Solid
- Several Hundred Satisfied Licensed Customers Worldwide
- Over 20 z/OS, z/VSE and z/VM Mainframe Systems and Distributed Products
- World Class SupportFull Time Development / Support Staff / USA
- Partner Solutions Virtel Web Solutions, ConicIT, SSH Tectia for z/OS (Secure FTP)
- VitalSigns SIEM Agent for z/OS
- IronSphere and FIM+



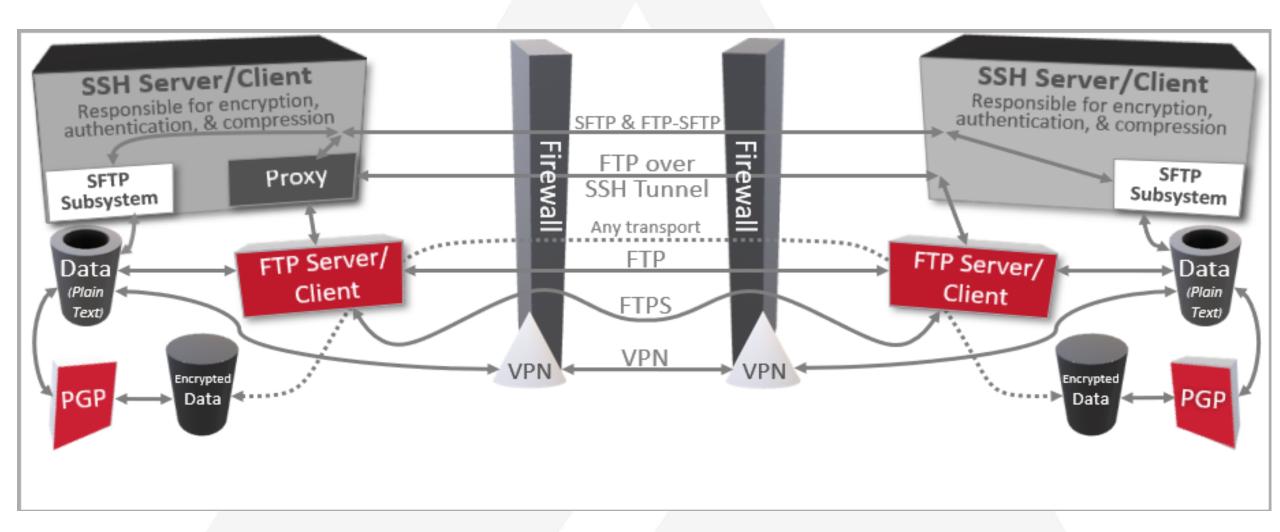


(800) 443-6183, (763) 571-9000



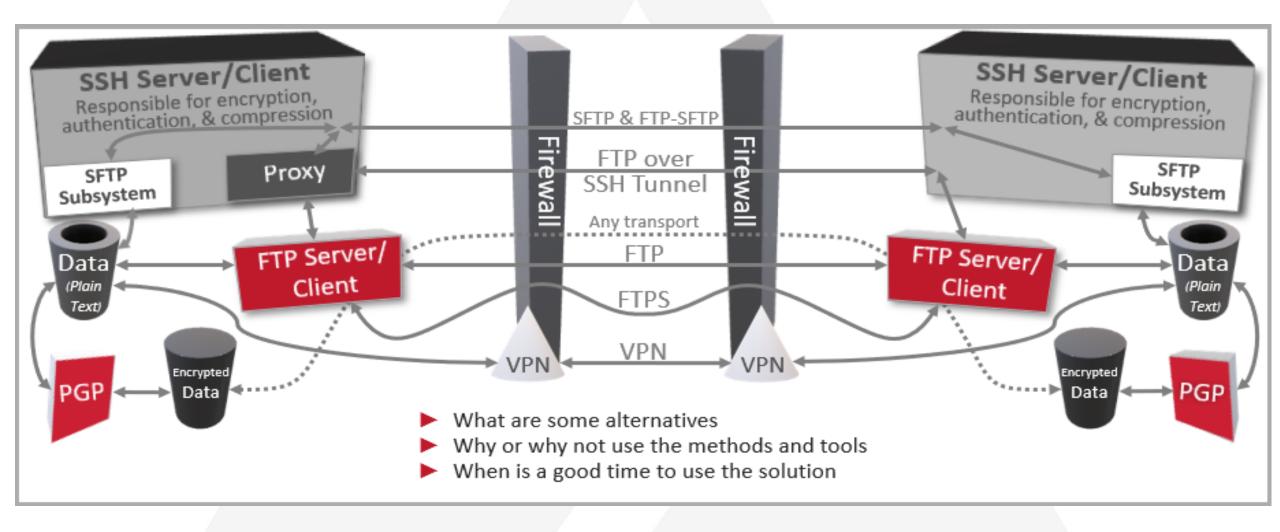
Securing Your FTP Transmissions on z/OS The Different Options





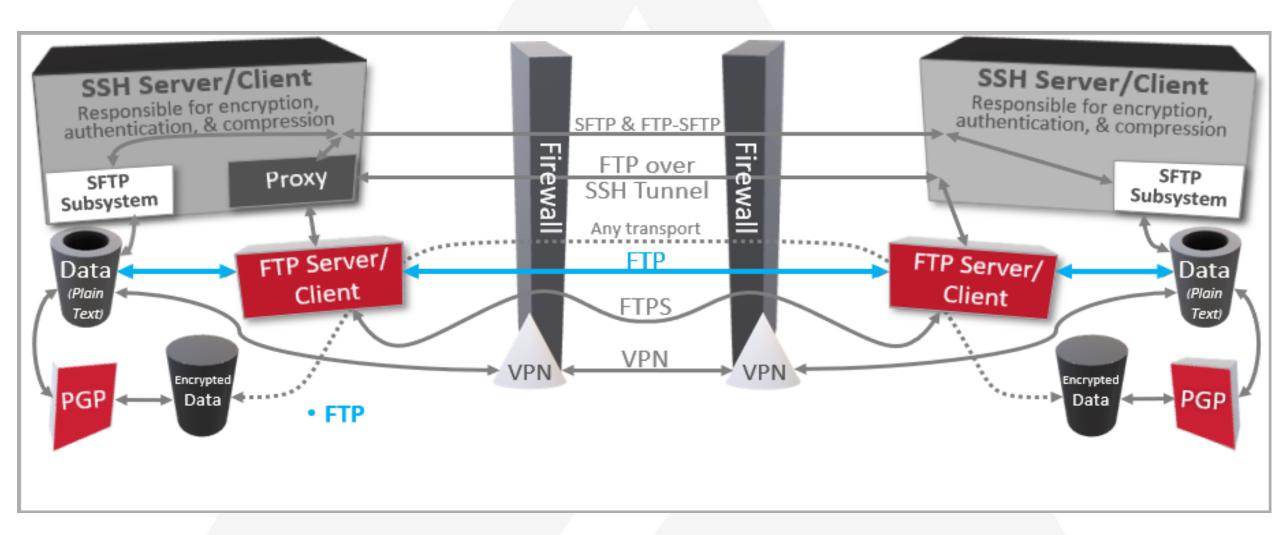
Securing Your FTP Transmissions on z/OS The Different Options





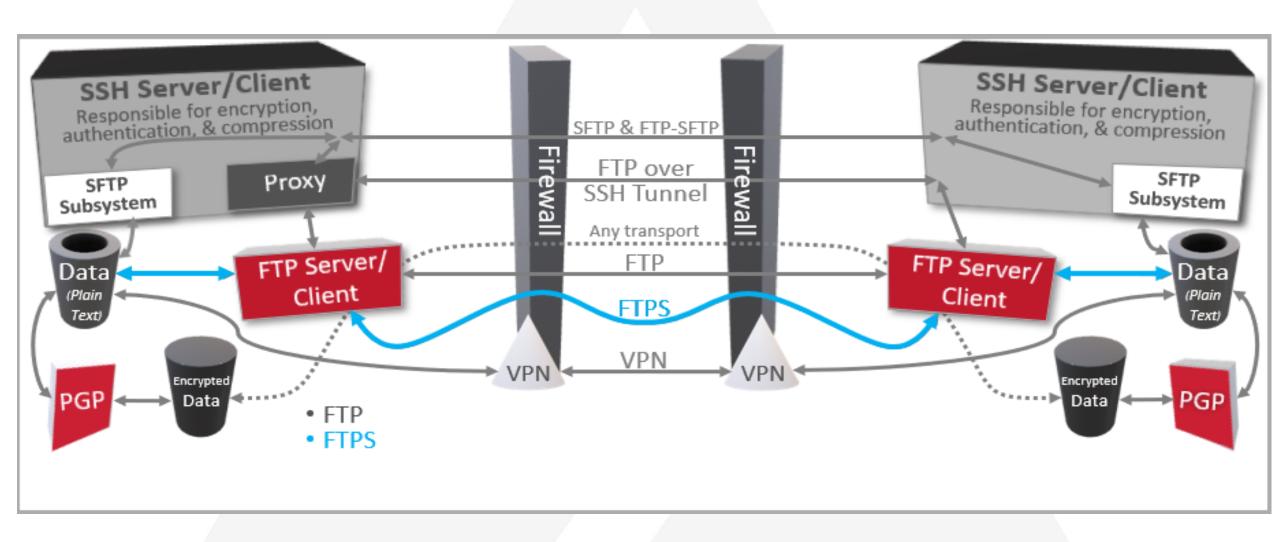
FTP (File Transfer Protocol)





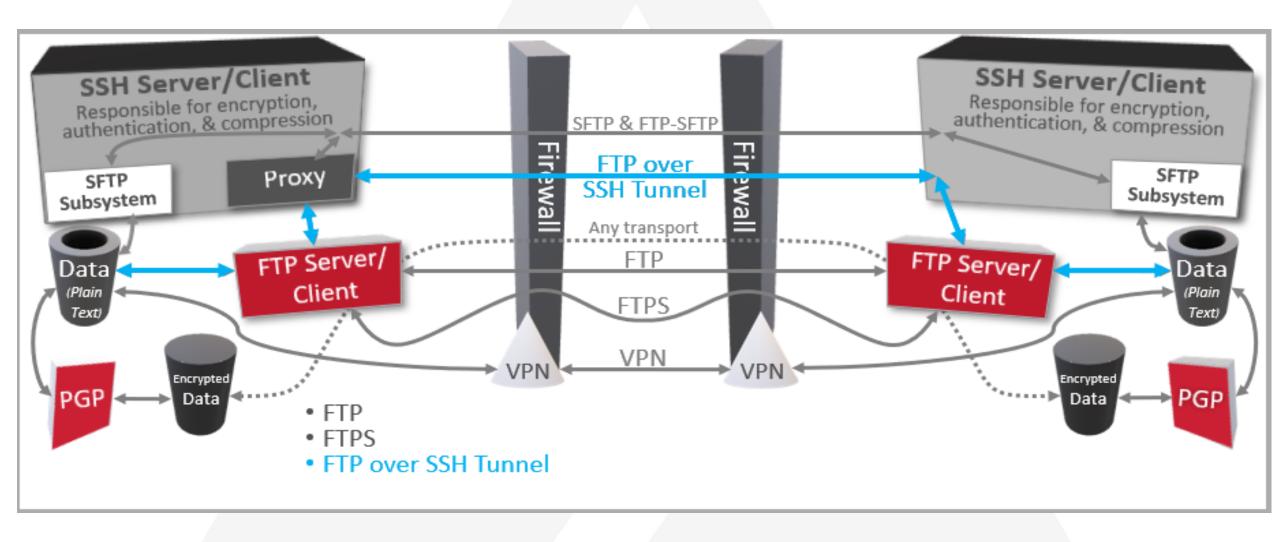
FTPS (FTP over SSL)





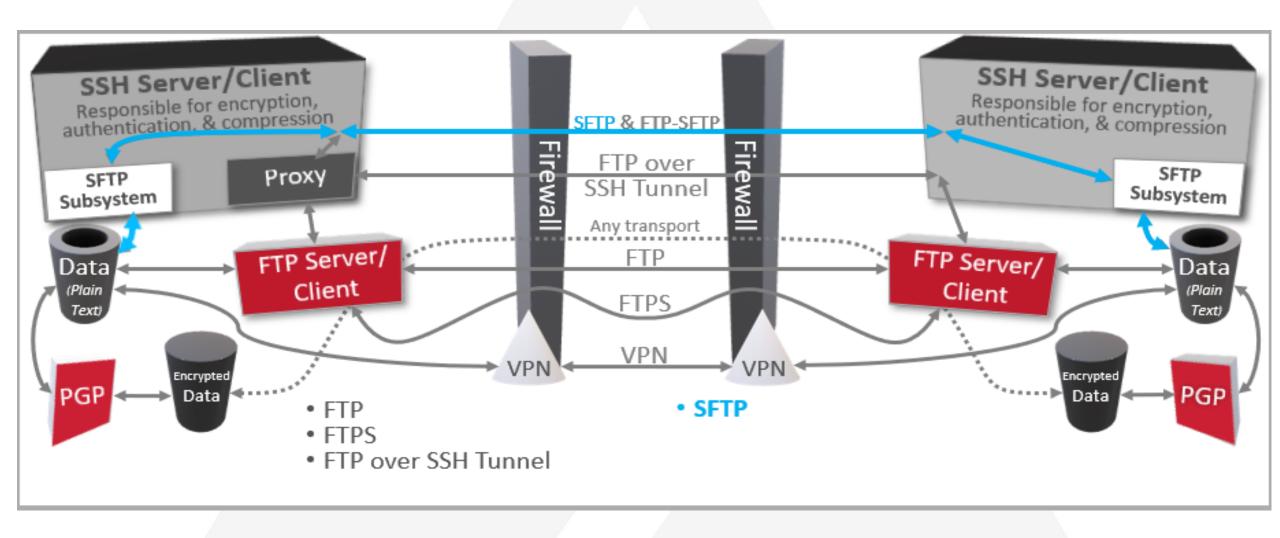
FTP over a SSH Tunnel





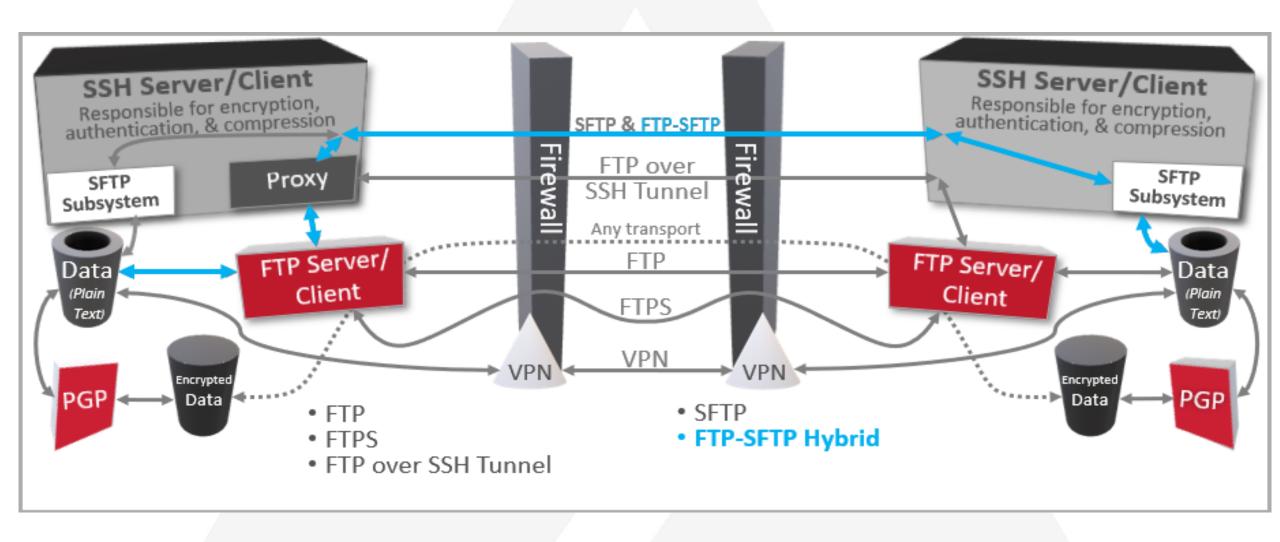
SFTP (SSH Secure FTP)





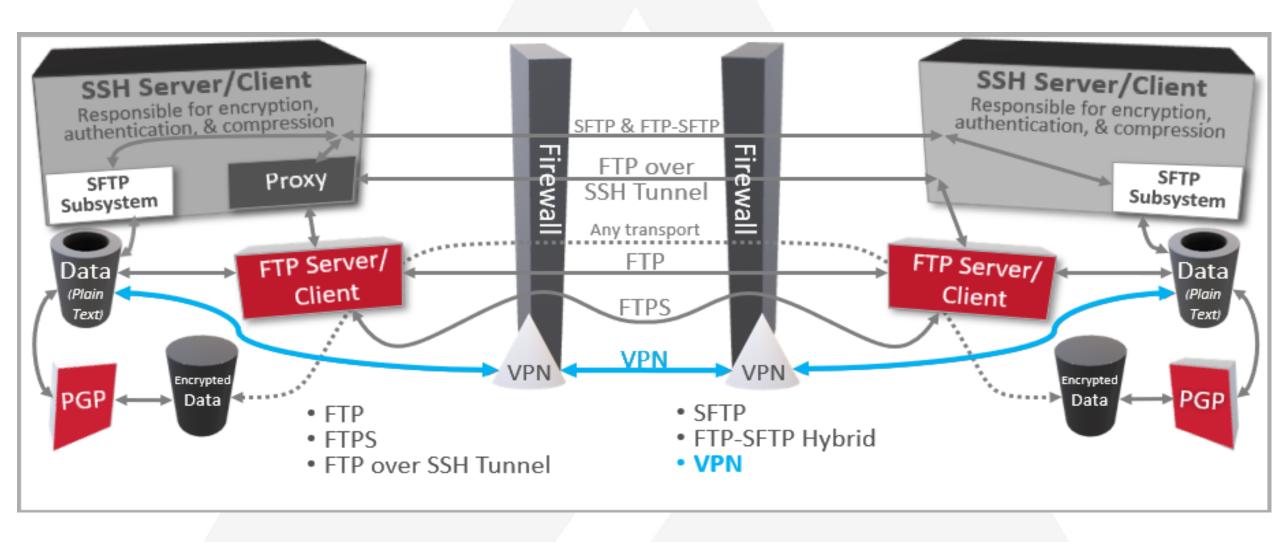
FTP to SFTP (Hybrid)





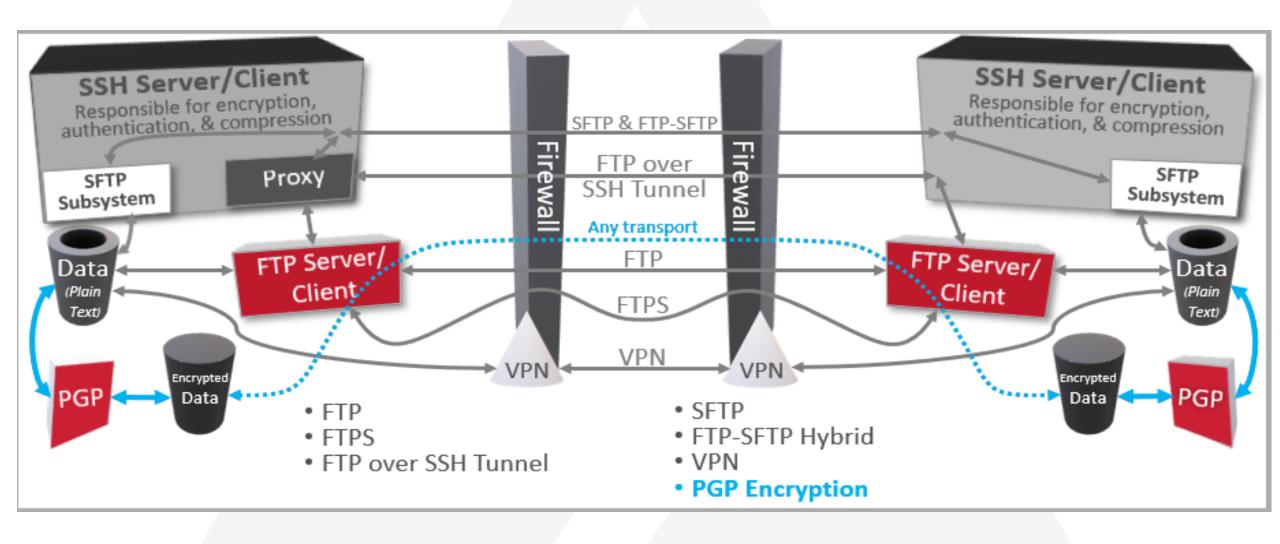
VPN (Virtual Private Network)



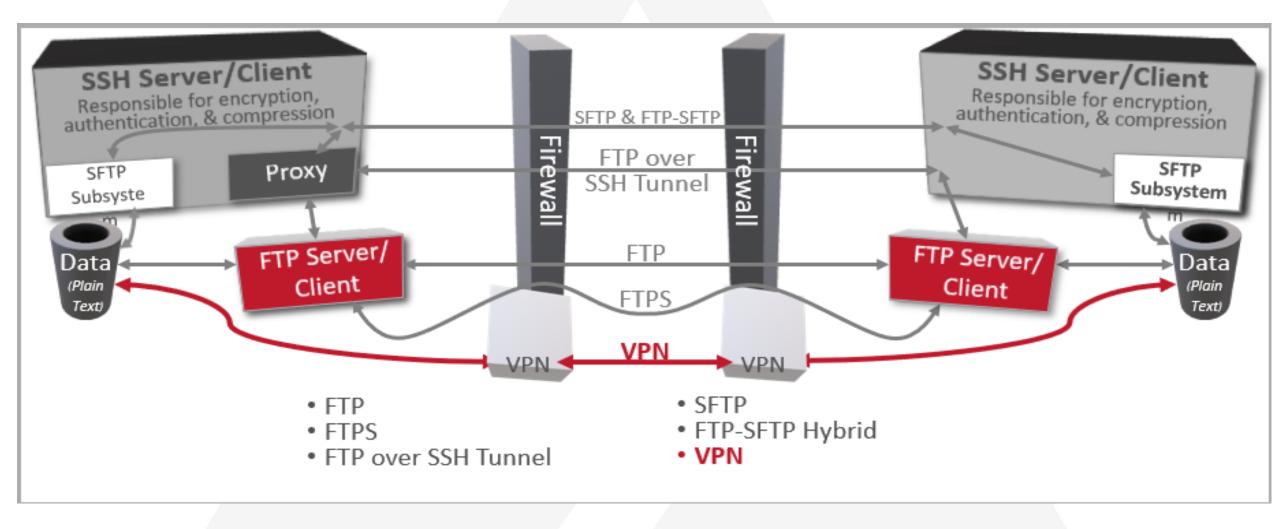


PGP Encryption (Data at Rest)

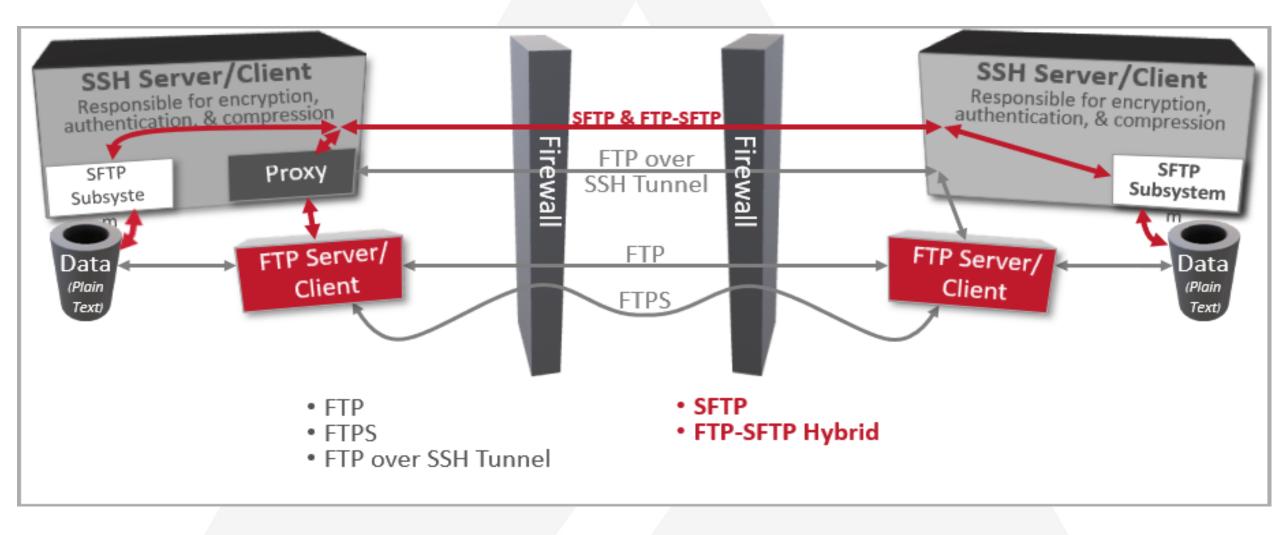




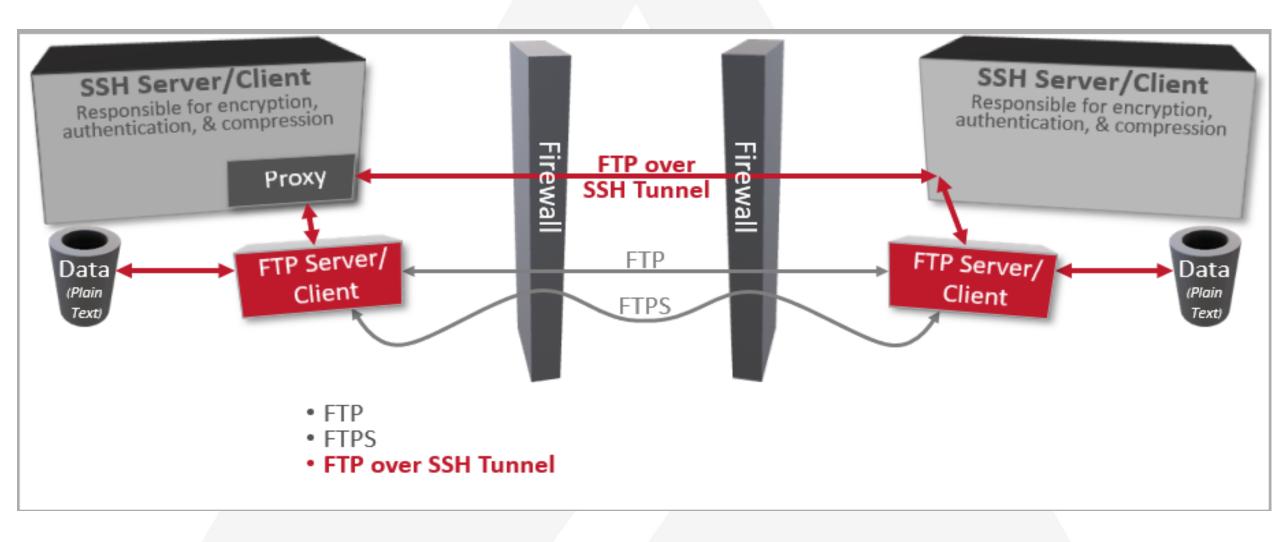




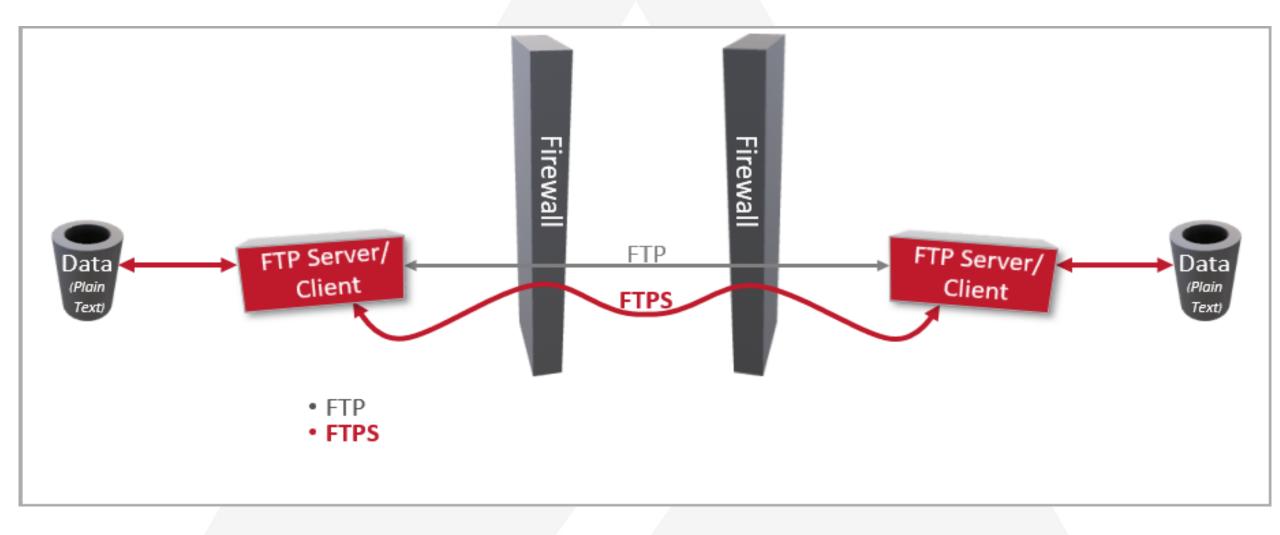






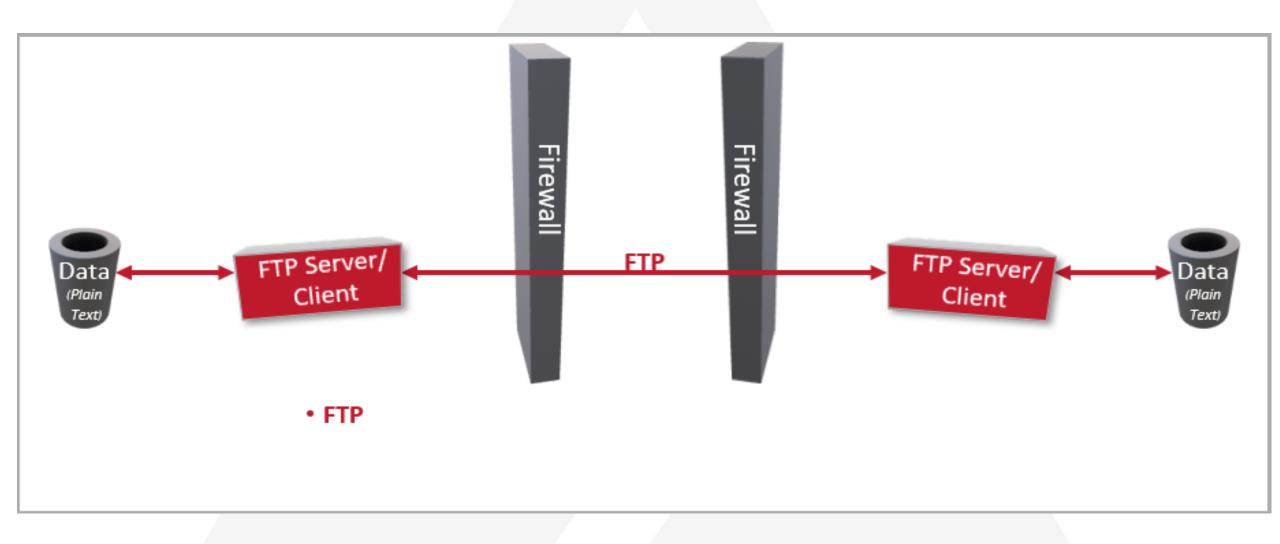






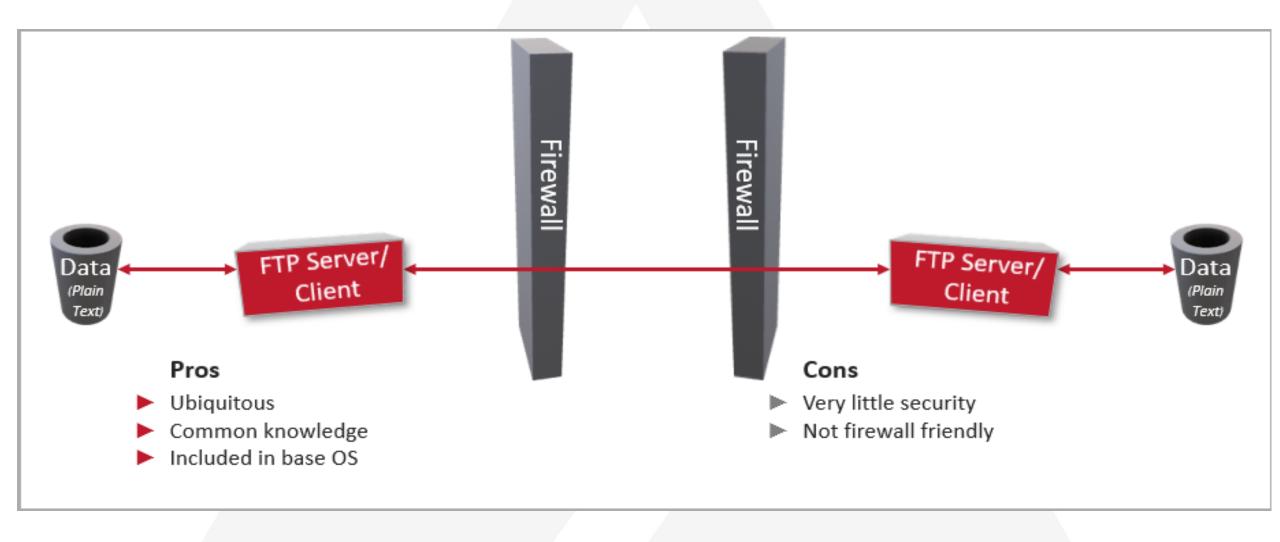
FTP (File Transfer Protocol)





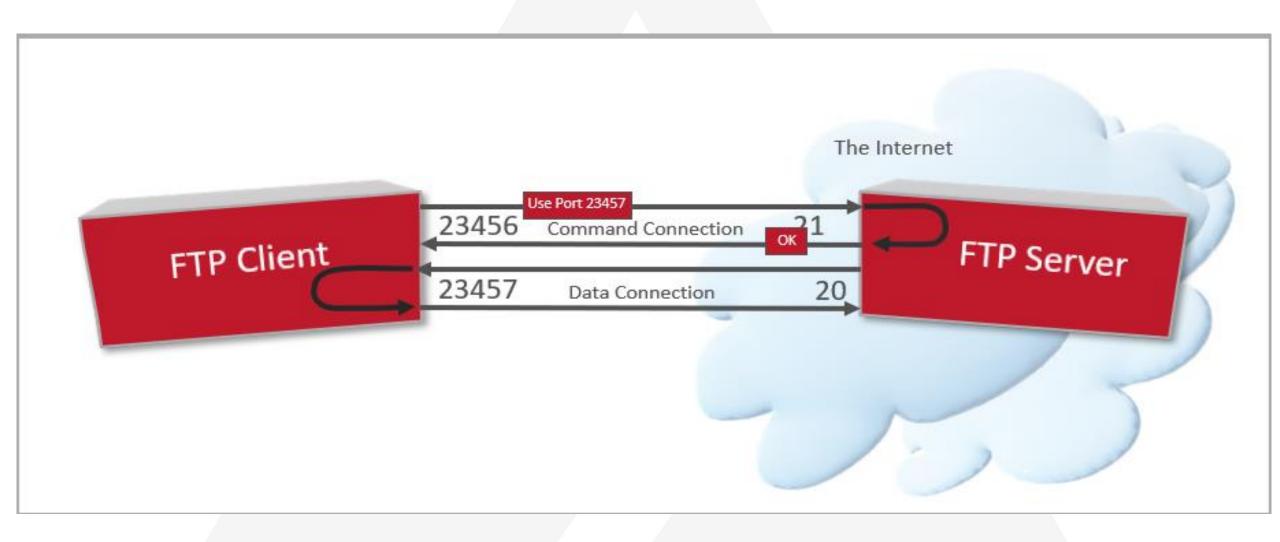
FTP - Pros and Cons





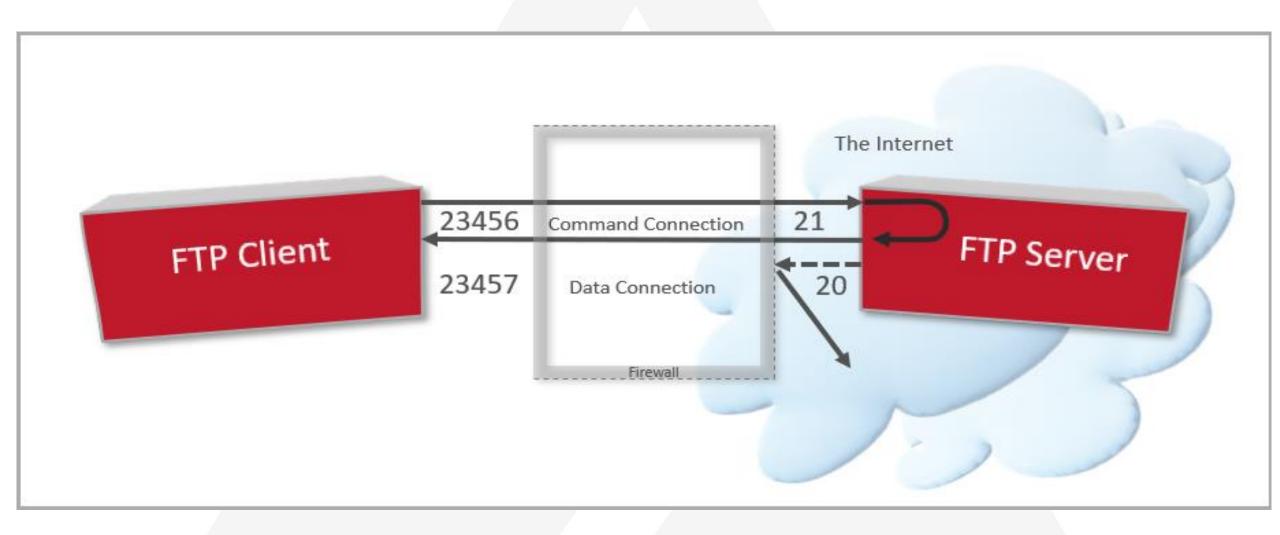
FTP - Active Firewall





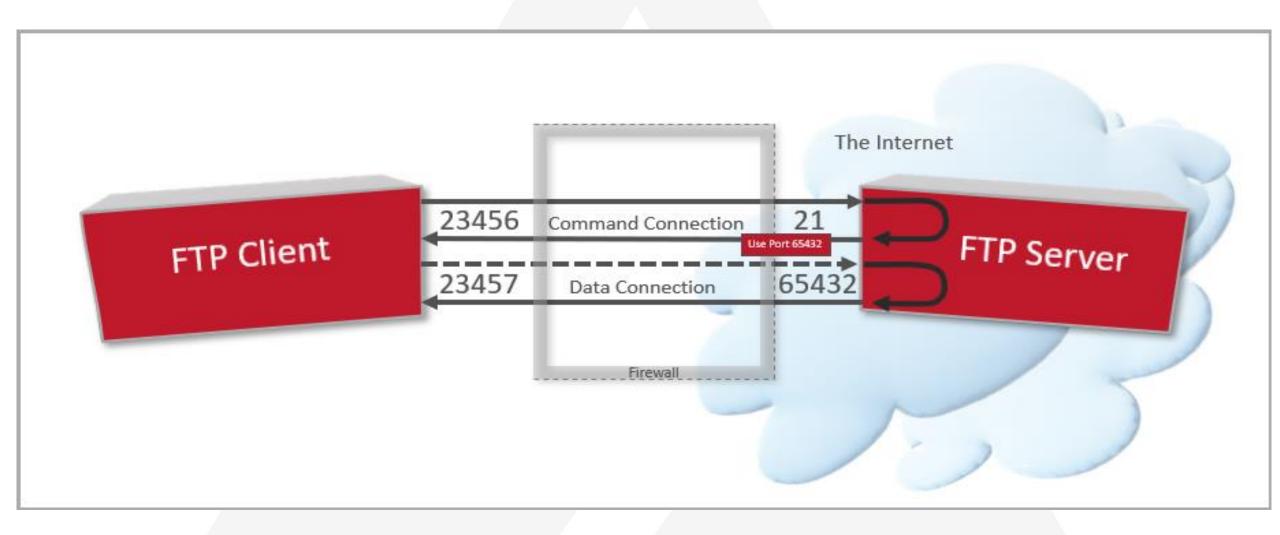
FTP - Active FTP with Firewall





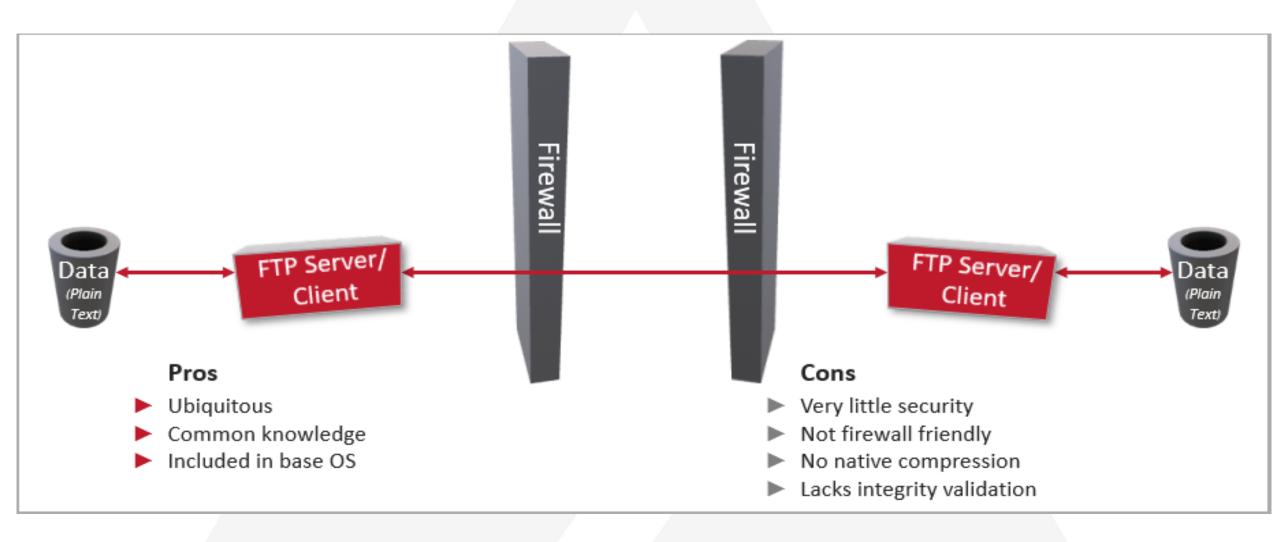
FTP - Passive FTP





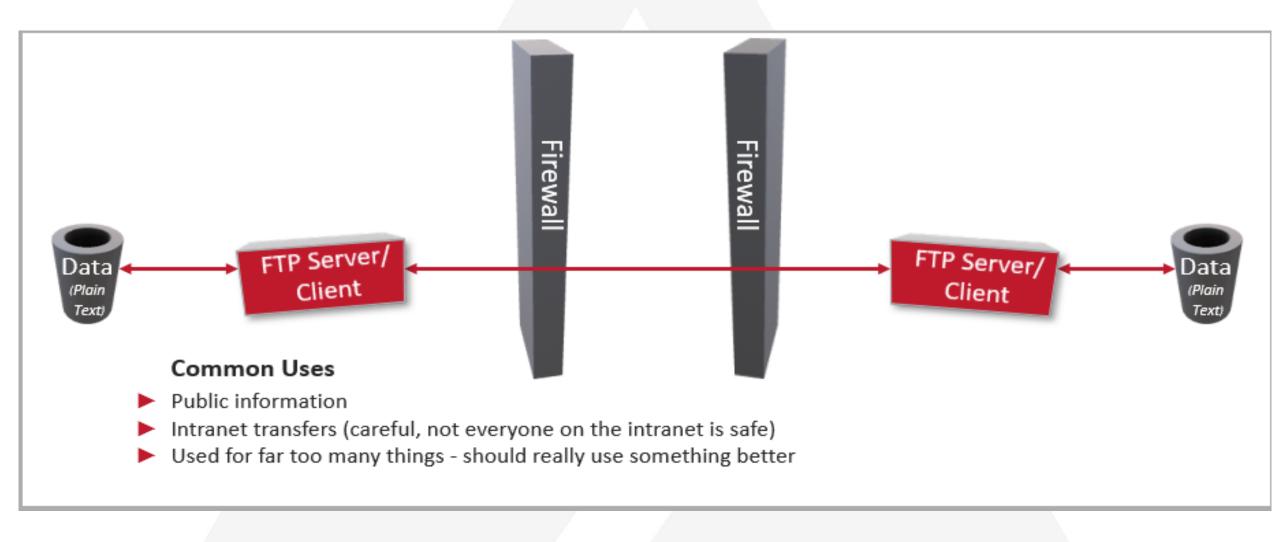
FTP - Pros and Cons





FTP - Common Uses



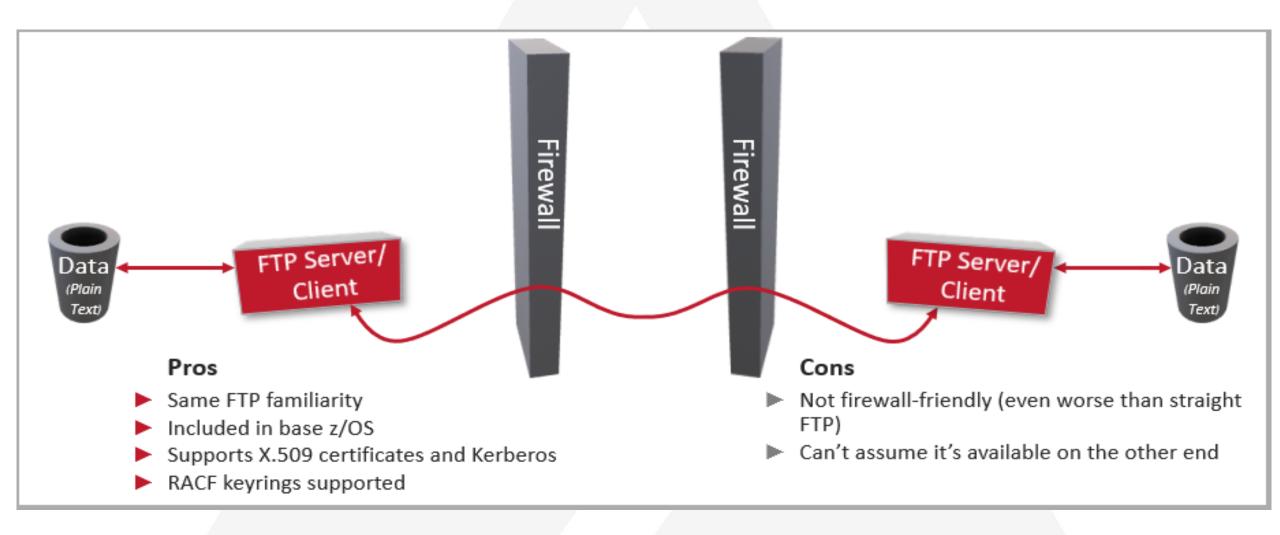




Securing Your FTP Transmissions on z/OS FTPS (FTP Over SSL)

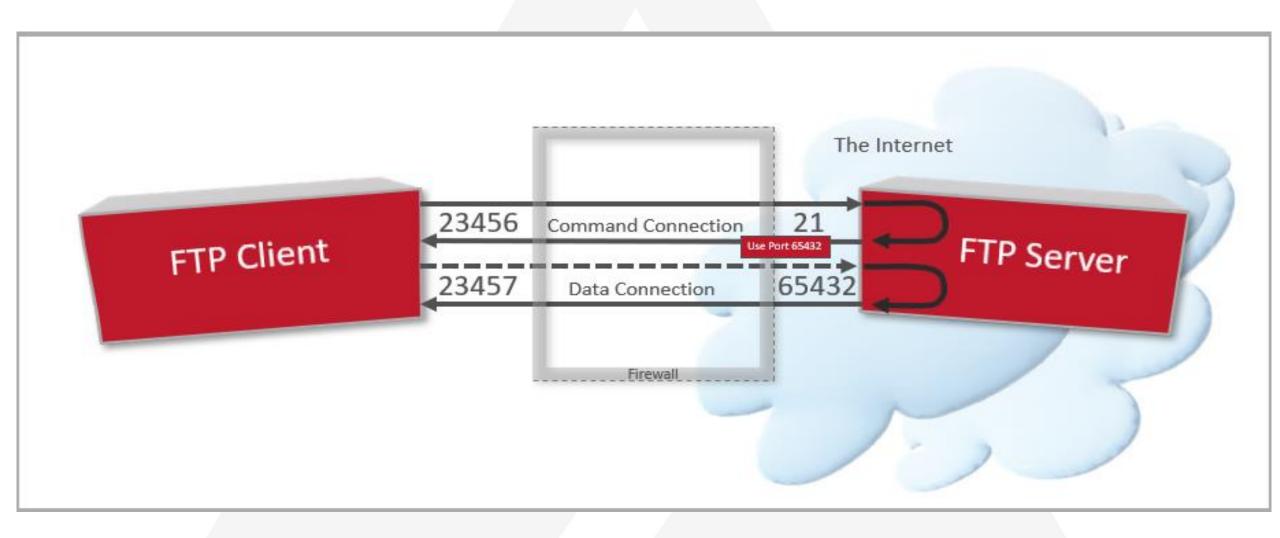
FTPS (FTP Over SSL) – Pros and Cons





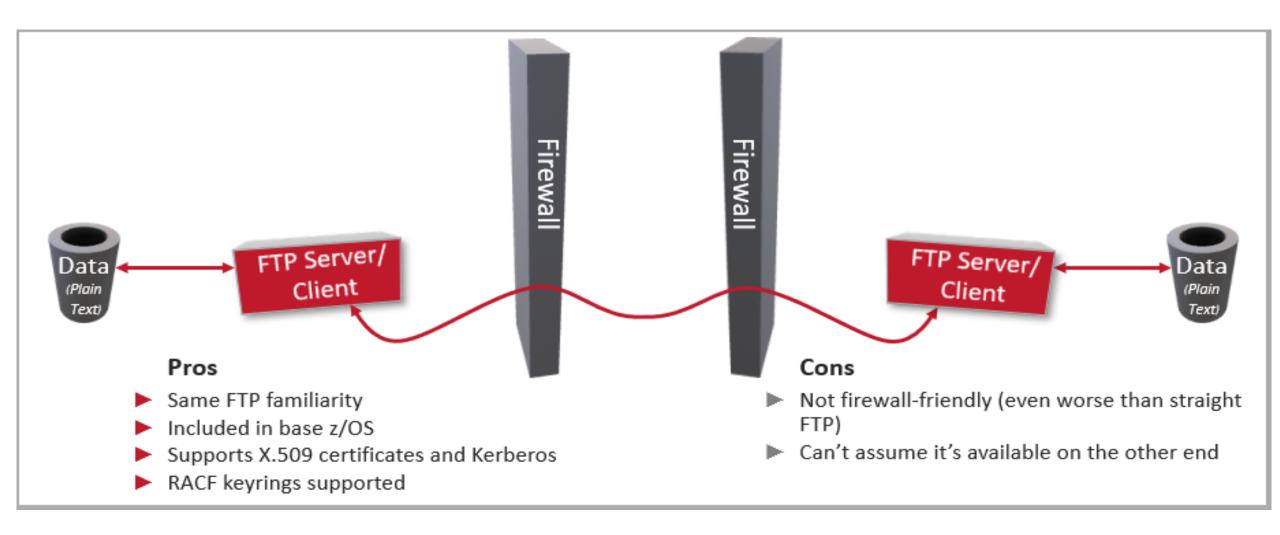
FTPS (FTP Over SSL)





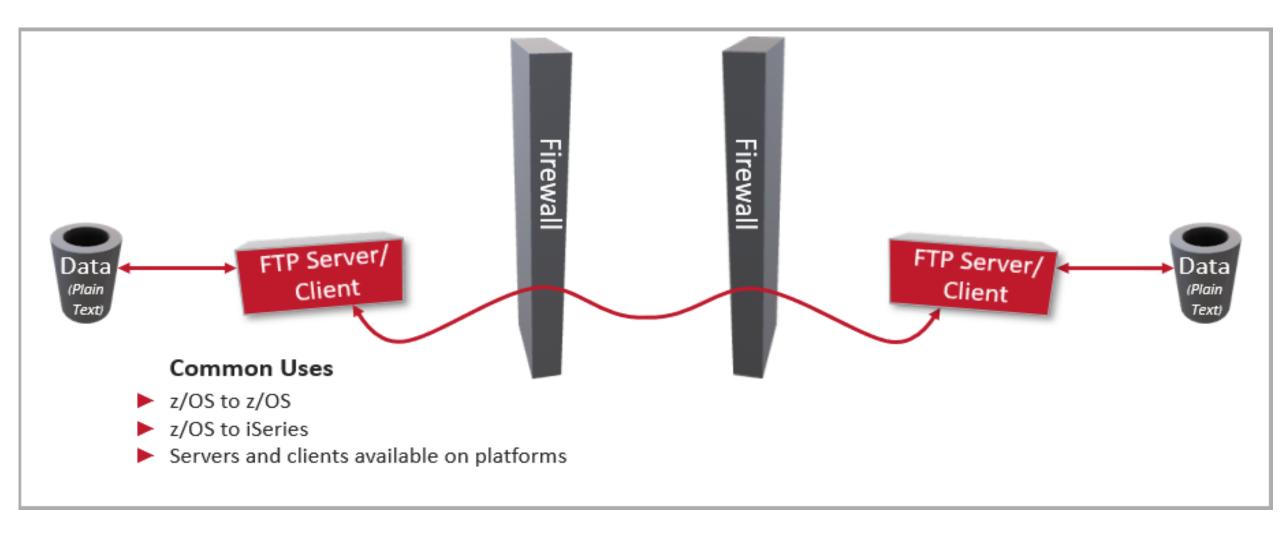
FTPS (FTP Over SSL) – Pros and Cons





FTPS (FTP Over SSL) – Common Uses



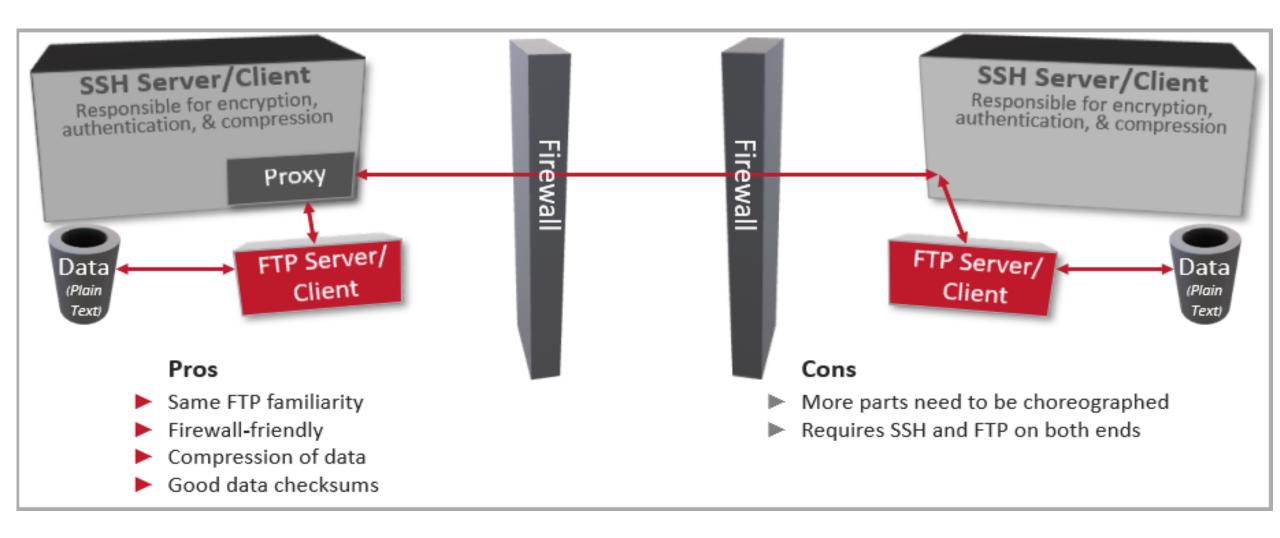




Securing Your FTP Transmissions on z/OS FTP Over a SSH Tunnel

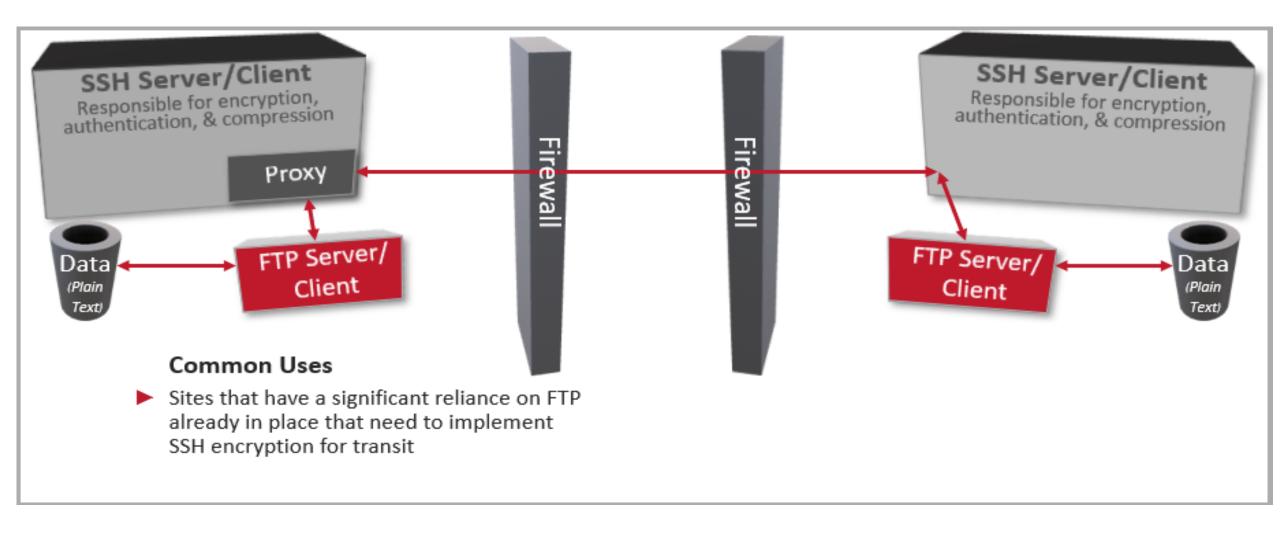
FTP over SSH Tunnel Pros and Cons





FTP over SSH Tunnel – Common Uses



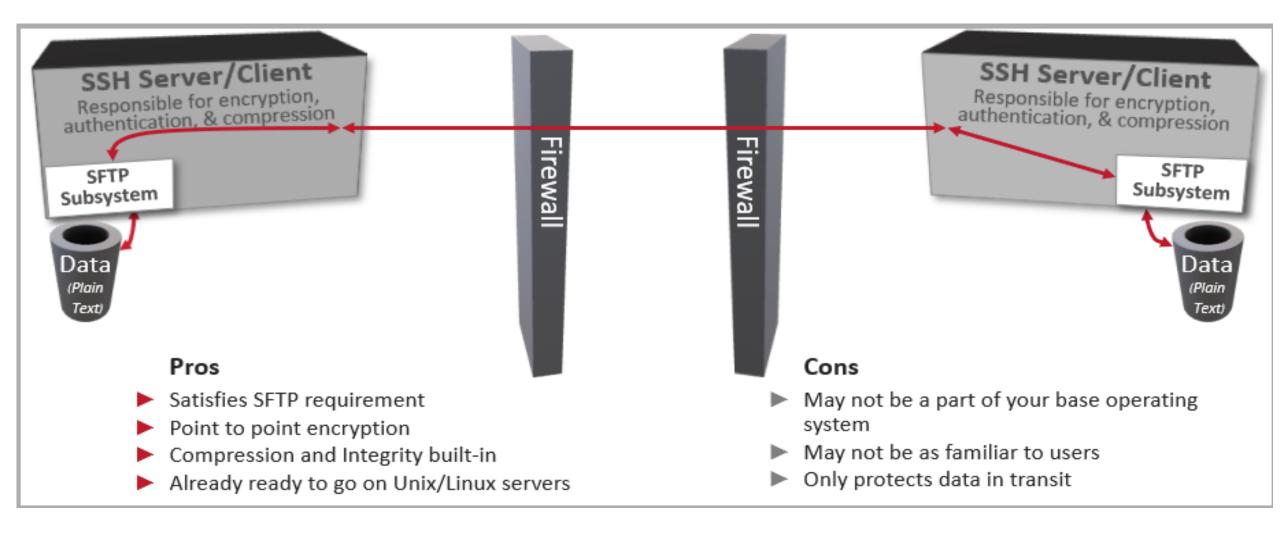




Securing Your FTP Transmissions on z/OS Secure SFTP (SFTP)

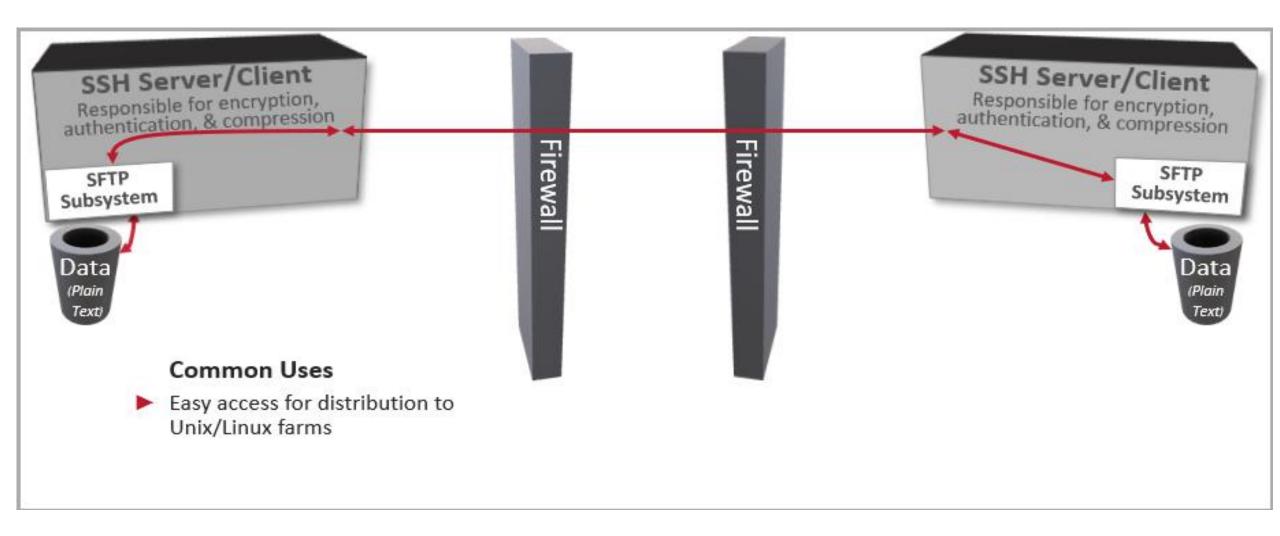
Secure FTP (SFTP) – Pros and Cons





Secure FTP (SFTP) – Common Uses





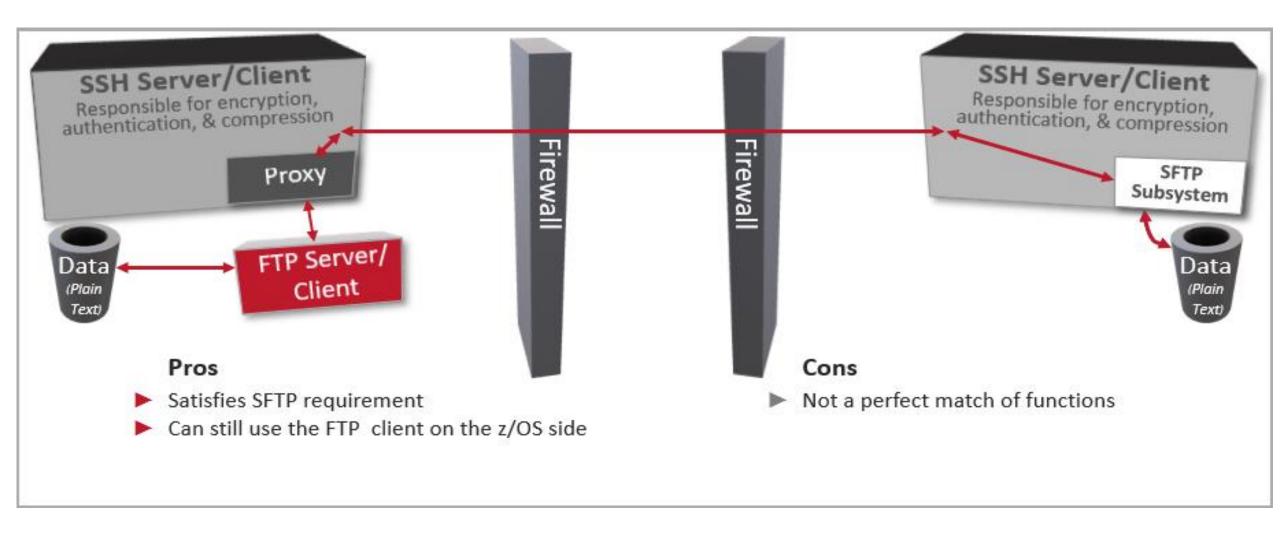


Securing Your FTP Transmissions on z/OS

FTP to SFTP Conversion (Vendor Solution)

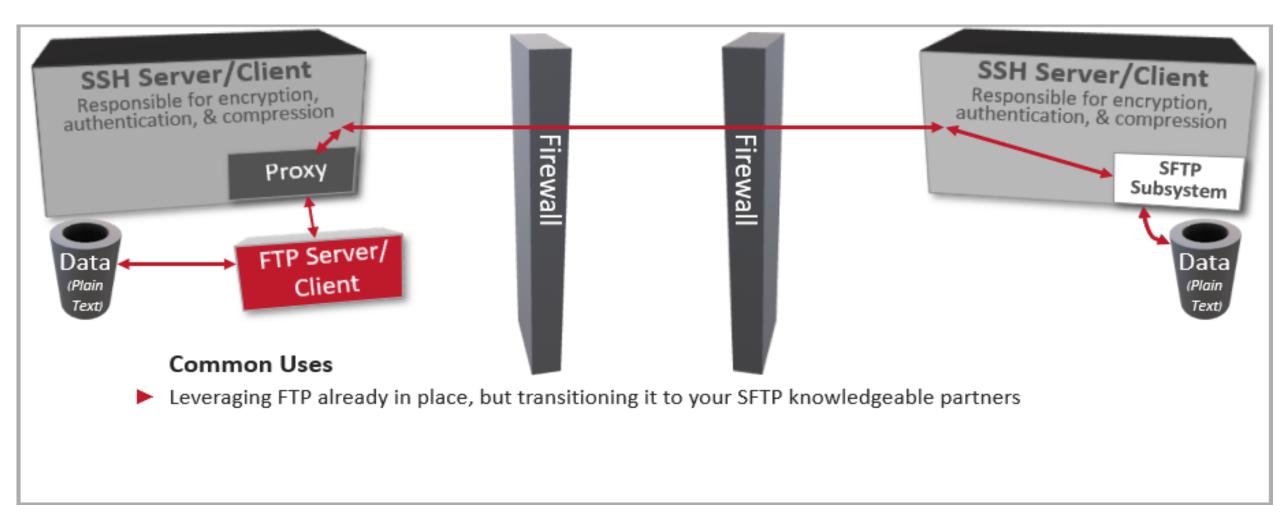
FTP to SFTP Conversion (Vendor Solution) **Pros and Cons**





FTP to SFTP Conversion (Vendor Solution) Common Uses





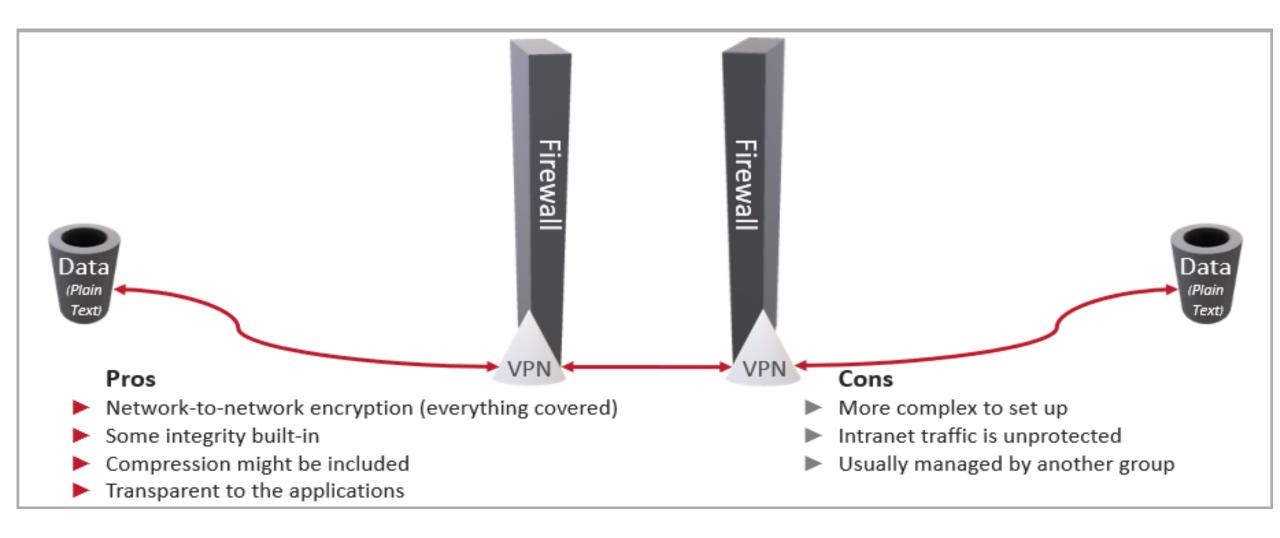


Securing Your FTP Transmissions on z/OS

Virtual Private Network (VPN)

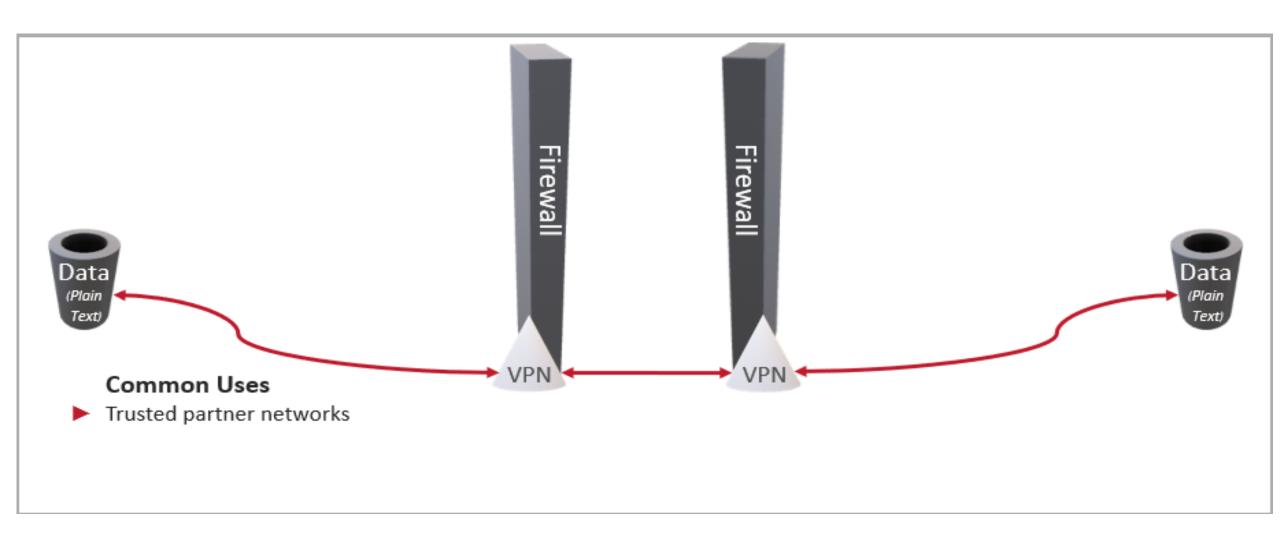
Virtual Private Network (VPN) – Pros and Cons





Virtual Private Network (VPN) – Common Uses





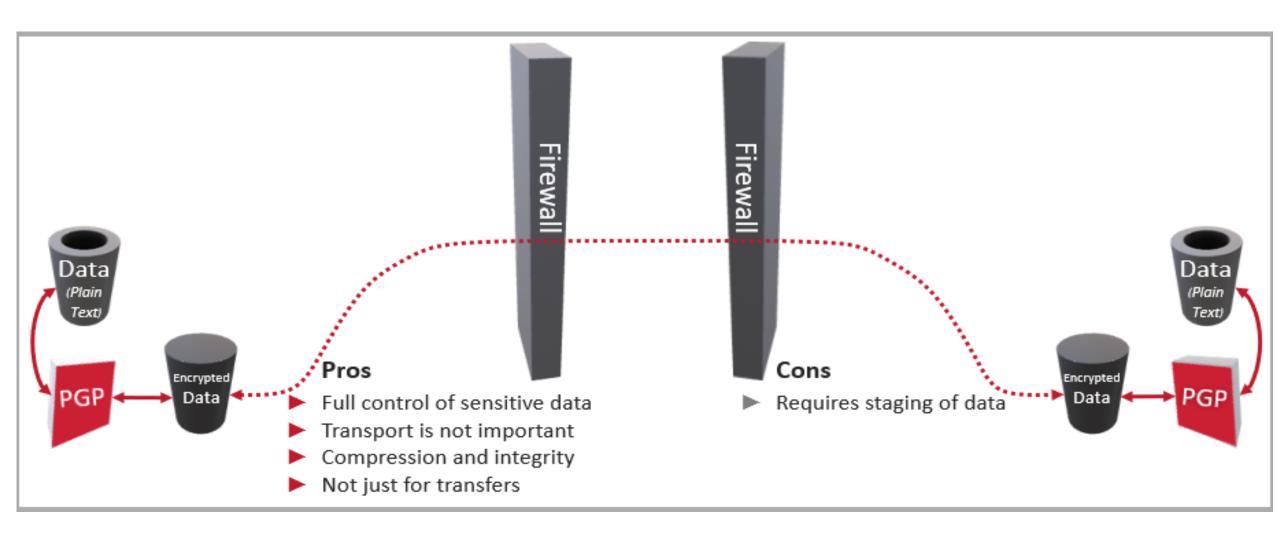


Securing Your FTP Transmissions on z/OS

Pretty Good Privacy (PGP)

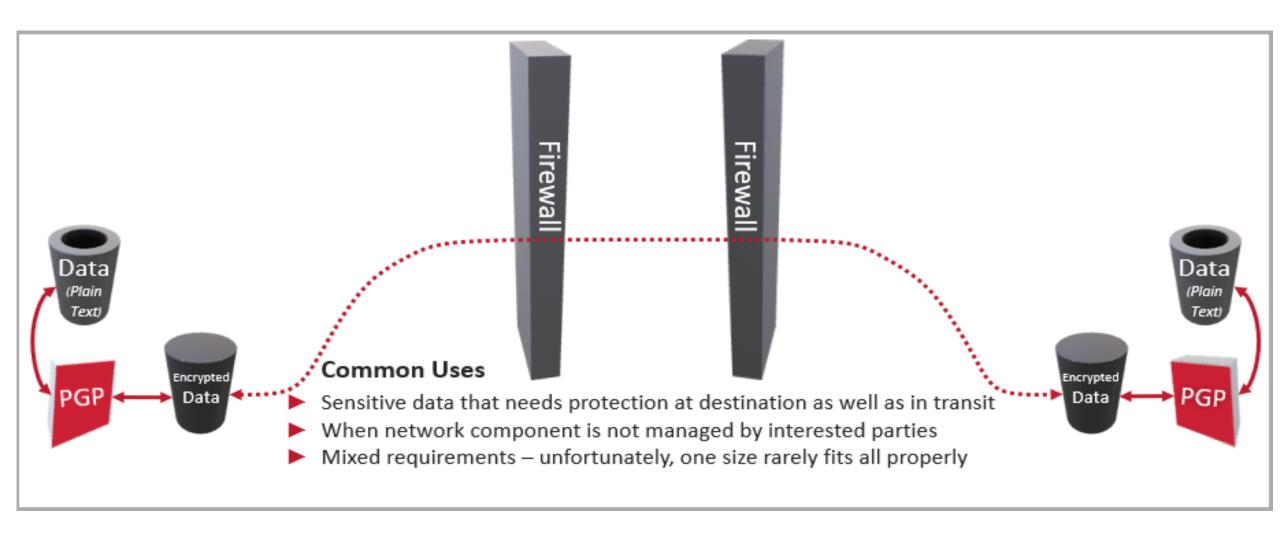
Pretty Good Privacy (PGP) – Pros and Cons





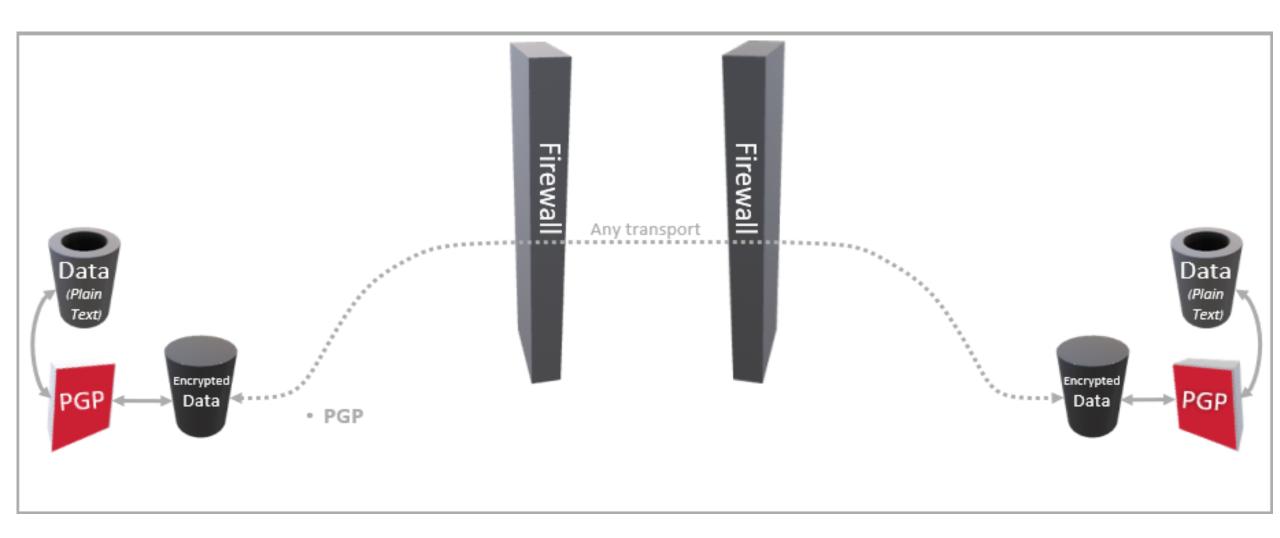
Pretty Good Privacy (PGP) – Common Uses





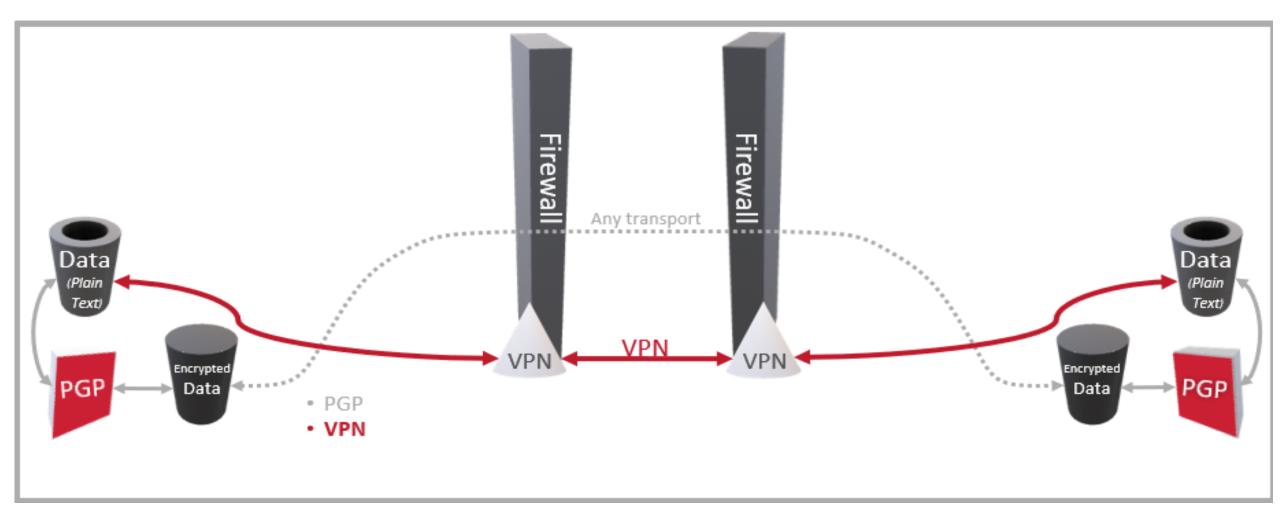
Putting it all Together Pretty Good Privacy (PGP)





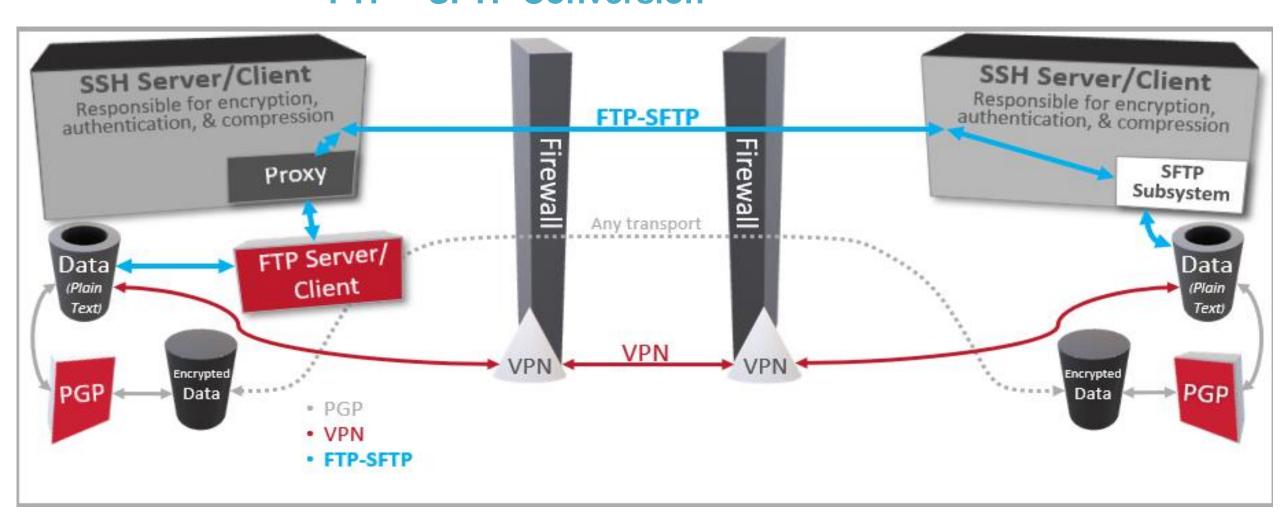
Securing Your FTP Transmissions Putting it all Together VPN





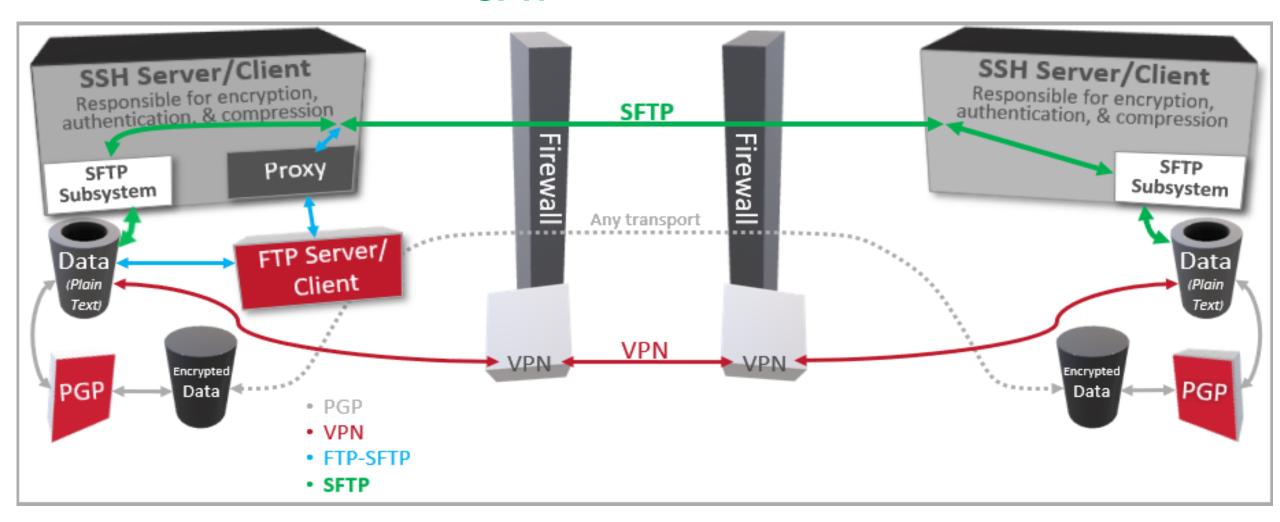
Securing Your FTP Transmissions Putting it all Together FTP – SFTP Conversion





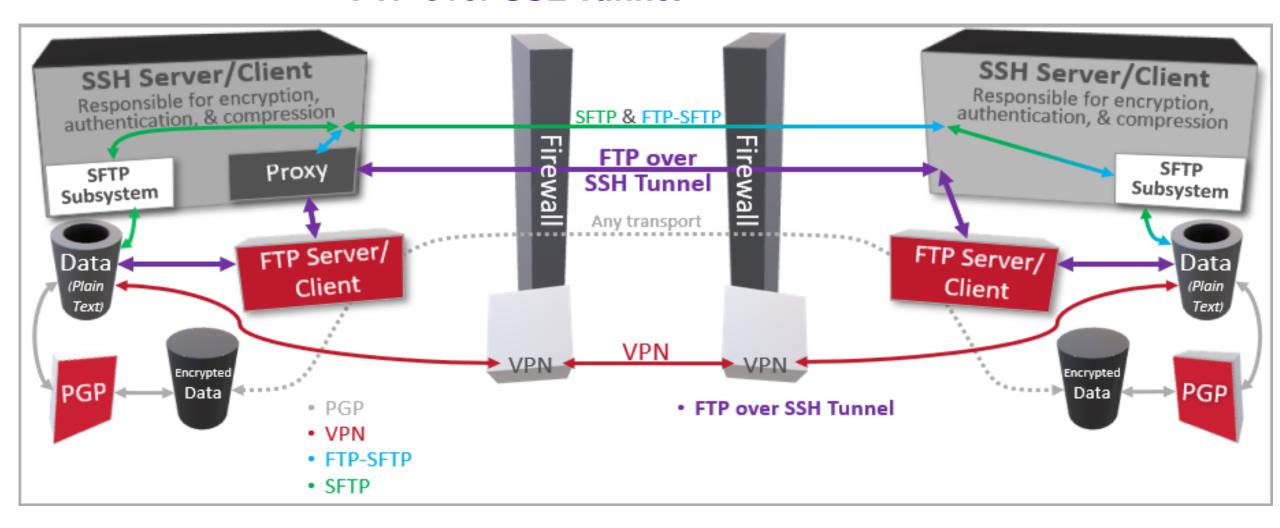
Securing Your FTP Transmissions Putting it all Together SFTP





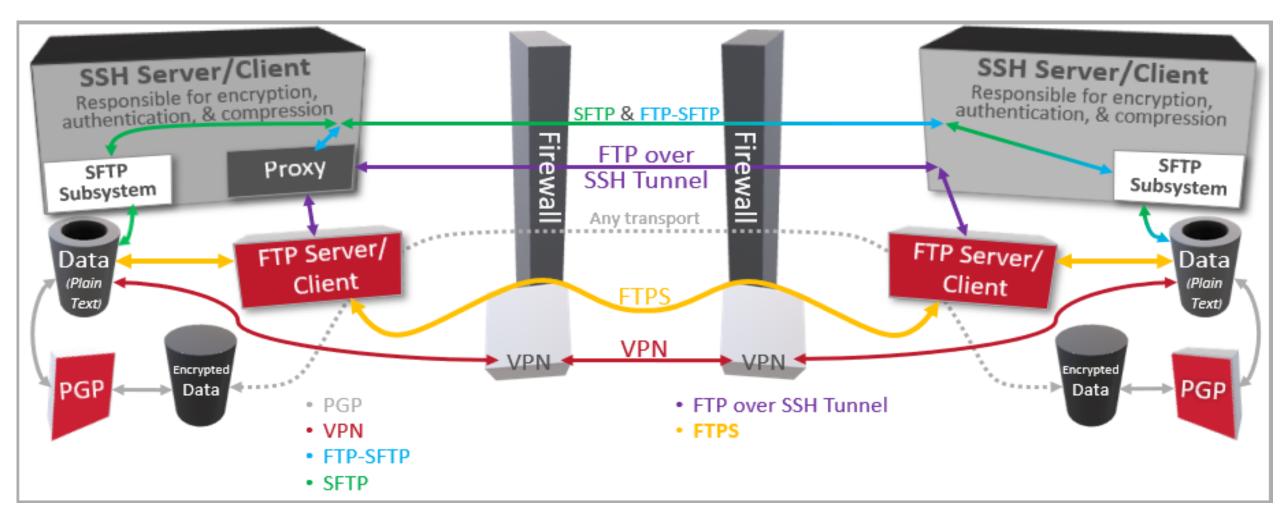
Securing Your FTP Transmissions Putting it all Together FTP over SSL Tunnel





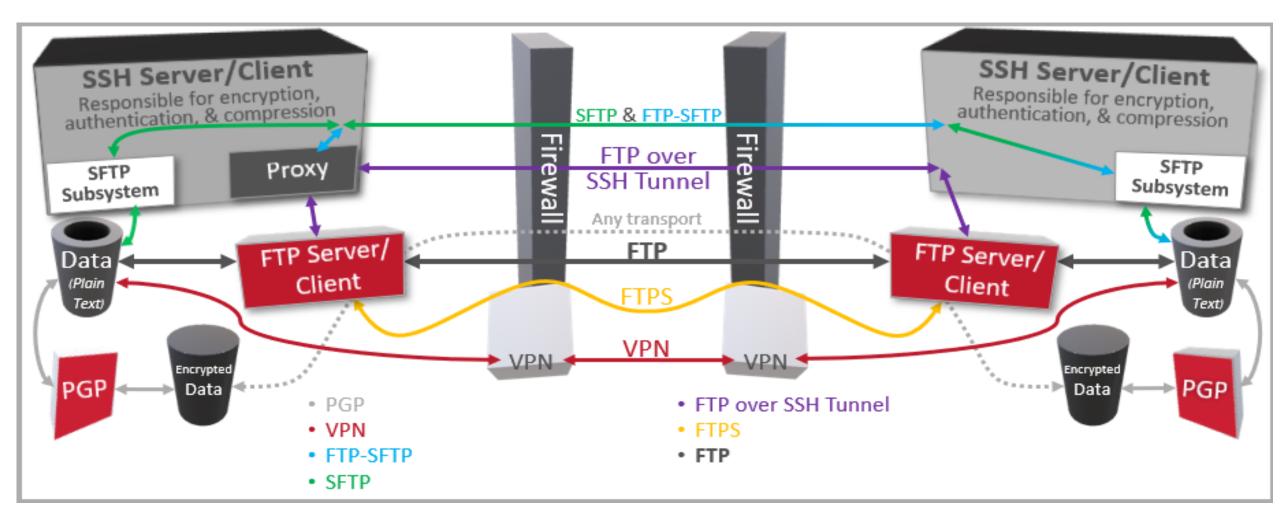
Securing Your FTP Transmissions Putting it all Together FTPS





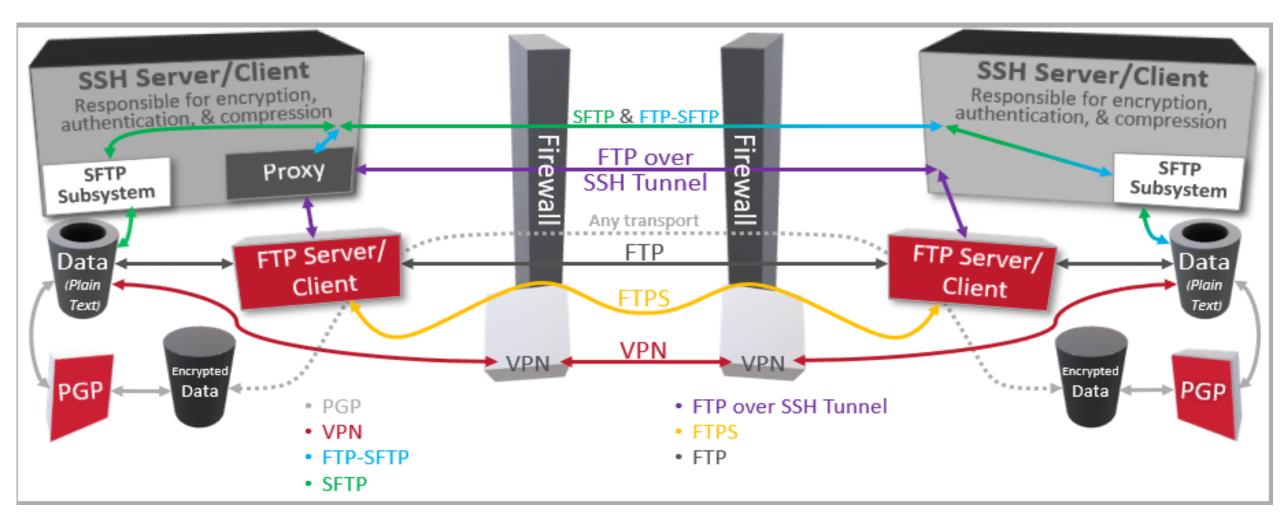
Securing Your FTP Transmissions Putting it all Together FTP





Securing Your FTP Transmissions Putting it all Together All of the Solutions







LIVE DEMO



QUESTIONS?