What's the Problem?

- Move files **securely**
  - From anywhere to anywhere
  - From any platform to any platform

- Media devices are either:
  - Insecure
  - Cumbersome
  - Easily lost or stolen

- FTP is insecure
  - Credentials sent in plain text
  - Payload not encrypted

Common Solutions

- **Legacy file transfer solutions**
  - dedicated/private/leased lines
  - Value-Added EDI Networks (VANs), and modem pools.
  - VPN pools
  - RDP
  - VNC

- **"Rogue" FTP servers**
  - FTP servers set up by non-IT agencies or departments usually because IT fails to offer a solution

- **"Homegrown" file transfer applications**
  - FTP or SSH-based data exchange solutions
  - Single application (and protocol) solutions

- **Shipping physical media**
  - magnetic tapes, thumb drive, DVDs
  - courier delivery service

- **Email**
  - Encryption not enforced or available

The Answer:

- Secure File Transfer Service from the State of CA Office of Technology Services (formerly DTS – Department of Technology Services)

- Secure means: regulatory compliant encryption (HIPAA, etc.), file integrity (MD5, SHA), auditing

- Upload or download files from any internet-connected computer to any server or PC

- Automate file transfers

- Delegate Administration
  - manage your users and their files

- Fully supported by OTech with 24/7 vendor support

Security

- Data is exchanged securely using certified and standards-based protocols (FTPS, SFTP, HTTPS, AS2)

- Transfer protocols terminate in the DMZ

- All data resides behind 2 firewalls – no direct access to file storage devices

Integration/Ease-of-use/Compatibility

- All platforms supported
  - Windows
  - Linux/Unix
  - Mainframe
  - AS2
  - Mac

- Browser based client

- Wide range of other clients (any that support FTPS, SSH, HTTPS, etc.)

- Supports all secure transfer protocols

Features

- Reliable delivery

- Automatic routing

- Event-driven automation

- Checkpoint/restart for mid-file recovery

- Extensive logging and reporting

- PGP Support

- Email Notification

- Centralized and Delegated Administration

Reliability & Availability

- Five 9's service

- State of CA OCIO Data Center

- Fully redundant architecture

More Information

- https://sftp.dts.ca.gov

- Login Name: dts-documentation

- (no password)

- Or…

- Call the OTech Service Desk at 916-464-4311 and ask to be contacted about our "Secure File Transfer" service for California government