ReimagineIT

TECH DEBT REMEDIATION

Tech Debt: Replacement of the Secure File Transfer Application with Managed File Transfer Application FAQ

This FAQ is a living document and will continue to be updated as more information becomes available. If you have a question not answered in this FAQ,
please email Anthony Stoughton at anthony.stoughton@state.co.us.

General Information

1. **What is the Replacement of TIBCO Cyberfusion with TIBCO MFT Project?**

Secure and reliable file transfer technology is essential in keeping state data secure. TIBCO Cyberfusion will be replaced with the new Tibco Managed File Transfer (MFT) to securely transfer files between State of Colorado agencies and the Social Security Administration (SSA). This is the latest version of TIBCO's file transfer product, is supported by the SSA and meets a regulatory requirement.

TIBCO Cyberfusion and all related jobs will be moved from the mainframe as part of the update. TIBCO MFT will be the new solution to better support each agency, and this application will be hosted in the Amazon Web Services (AWS) Cloud.

2. **Why is OIT doing this?**

Cybersecurity is critical for protecting state employees and sensitive information. Updating and migrating to a secure and supported tool for file transfer better protects the sensitive data the state processes to deliver state services for Coloradans.

The VPN connection and the Managed File Transfer (TIBCO MFT) software provide four ways of securing file transfers: file transfers are encrypted, only known network IP addresses are allowed, username and password credentials are required, and public Internet traffic cannot access the VPN.

As part of the overall OIT mainframe decommissioning, this project will fulfill the need to move the application to a more stable and secure environment while incorporating the requirements of our federal partners. This includes incorporating a new secure VPN and AWS cloud server to ensure this is a long-term solution.

You can learn more about the cybersecurity policies relevant to this project *(Acceptable Use of State Data & IT Resources, IT System and Information Integrity, IT Risk Management and Secure Configuration of IT Assets & Software)* by visiting
https://oit.colorado.gov/standards-policies-guides/technical-standards-policies.

3. **Who is affected?**

Some state agencies will be impacted by this work, including the Colorado Department of Human Services (CDHS), the Colorado Department of Labor & Employment (CDLE), the Colorado Department of Revenue (DOR), the Colorado Benefits Management System (CBMS), Health Care Policy & Financing (HCPF), the Department of Personnel and Administration (DPA) and the Department of Regulatory Agencies (DORA) in some way. Each agency must complete the software modifications to move or process Federal Tax Information (FTI) when working with federal agency partners. The design is intended to create a long-term solution to avoid rework, overhead and additional costs for each agency. The new solution will also include an extra security encryption level, further protecting the state and all Coloradans.

4. **When will this happen?**

Work began in July 2022 and has a target completion date of July 14, 2023.

5. **How will it be completed?**

The team will use an IRS TIBCO Managed File Transfer (TIBCO MFT) application to conform to IRS 1075 standards as part of the file transfer process (FTP). This will add security by encrypting files before they are sent. The solution will provide a long-term production environment that can be implemented across multiple state agencies.