Tech Debt: Replacement of TIBCO Cyberfusion with TIBCO MFT 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 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 and is supported by the SSA.

As part of the update, TIBCO Cyberfusion and all related jobs will be removed from the mainframe. TIBCO MFT will be hosted in Amazon Web Services (AWS).

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

Cybersecurity is critical for protecting state employees and sensitive information. Cyber attacks are always happening and can be initiated worldwide by bad actors. Updating and migrating to a more secure and supported tool will add the security protection we need to protect the sensitive data the state processes to deliver state services to all Coloradans.

3. **Who is affected?**

Practically every agency, in some way. Each agency needs minor updates for moving or processing Federal Tax Information (FTI) when working with the Internal Revenue Service (IRS). The current solution 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 level of security encryption, which further protects the state and all Coloradans.

4. **When will this happen?**

The effort started at the beginning of July 2022 and has completed a first milestone: a solution design that will meet or exceed the IRS 1075 security guidelines for protecting Federal Tax Information (FTI) and Personally Identifiable Information (PII). The target completion for this work is the end of March 2023.

5. **Where will the services go?**

The proposed solution is to move the process to Amazon Web Service.gov (AWS.Gov) for security and reliability. This will also remove dependencies on physical data centers.

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

The solutions design team will use an IRS TIBCO Managed File Transfer (TIBCO MFT) agent to conform to IRS 1075 standards as part of the file transport process (FTP) and encrypt before sending the file. This will add a level of security. The solution should provide a long-term production solution that can be implemented across multiple agencies.