

Electronic Funds Transfer (EFT) Service

User Guide

DECEMBER 2023

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About ATB's EFT Service

ATB's Electronic Funds Transfer (EFT) Service allows you to send or collect funds to or from accounts held at Canadian financial institutions, in CAD or USD currency.

An easy and cost-effective alternative to cheques and wire payments, ATB's EFT Service is a powerful tool for executing payables, receivables and payroll within Canada. We've designed this User Guide to help you get started.

Payments Canada rules govern both the sending and collection of funds between ATB and other financial institutions.

For the collection of funds, you must create a PAD (Pre-Authorized Debit) template that you will use to obtain the authorization required from your clients.

See Appendix I for details.

Questions? Contact ATB Business Solutions at 1-877-363-4855.

For general information on administrative procedures, see <u>Help for Business Administrators</u>.

Your ATB Relationship Manager can further advise you on the EFT Service and how the service can meet your business needs.

Funding Your EFT Service

There are two ways to set up funding for your EFT Service*:

- 1. Liquidity limit (based on collateral)
- 2. Exchange date funding (based on account balance)

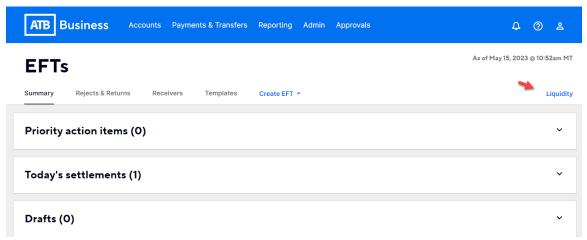
Liquidity Limit

- The total dollar amount approved for **sending** EFTs on a given due date. This amount can vary depending on the currency: CAD or USD.
- Liquidity limits, once set by ATB, apply to all users in your company. The liquidity limit is reduced two business days before the due date of any transactions and carries forward until two days after the due date.
- Any amount carried forward is released at the beginning of the business day on the due date. Your available liquidity balance is replenished accordingly.
- In the event that a file or transactions from a file are recalled (cancelled) before the due date, your liquidity limit will be replenished for the amount of those transactions or that file.
- EFT files that exceed the available liquidity balance are rejected and must be resent once sufficient liquidity is available. To avoid issues, ensure that you view your **EFT history** after sending the

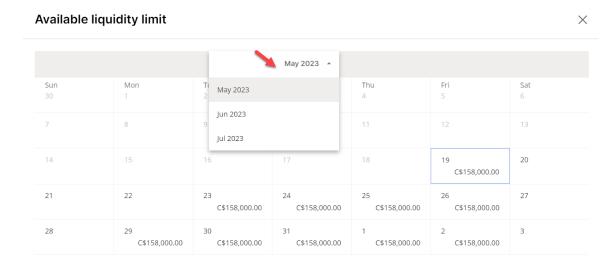
^{*}Applies only to EFTs being **sent** to a receiver.

file to ATB for processing.

View available liquidity limits by selecting the **Liquidity** link in the top right menu on the EFTs home page.



View liquidity limits for up to 60 days by selecting the drop down list in the calendar.



Exchange Date Funding

Sufficient funds for transactions must be available in the EFT

- settlement (funding) account before the transactions can be sent.
- A future dated posting is placed on the settlement account equal
 to the value of the outgoing transactions. The hold is placed up to
 three business days before the due date and does not include any
 revolving loan funds that may be attached to the account.
- If funds are not available in the account the file will be rejected.
- The credit returns are not posted back to the settlement account until the due date of the transaction.
- Interest calculations will not be affected by the future dated posting on the settlement account.

Business & Role Limits

ATB Business uses a secure and intricate system of limits to govern EFT transactions. Since EFTs allow the transfer of funds to any account in Canada, these limits are used to manage risk.

In creating and assigning roles for users of the EFT Service, your Administrator must review and consider all the limits described below.

ATB Business has two tiers of limits:

- 1. **Business level limits** are the highest limits set in ATB's system.
- 2. **Role level limits** are set by the Administrator in the process of creating and managing roles.

Each of the following limits are set separately at the **business level** and **role level**:

- **Send file limit**: The total maximum dollar amount of send transactions in one EFT file.
- **Collect file limit:** The total maximum dollar amount of collect transactions in one EFT file.
- **Send daily limit:** The total maximum dollar amount of send transactions for one business day.
- **Collect daily limit:** The total maximum dollar amount of collect transactions for one business day.

Note: if no limit is set for a particular role, the limit defaults to business level.

Administrator Procedures

For general information on administrative procedures, see <u>Help for</u> Business Administrators.

Roles & Users Setup

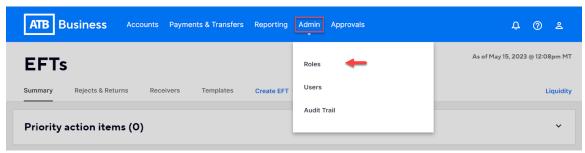
The Administrator is set up by ATB when the service is provided. The Administrator will use the **Admin** tab to create roles, assign user access and manage workflow as required.

ATB Business supports your internal company workflow through a system of workflow approvals that are managed by the Administrator.

Role Creation

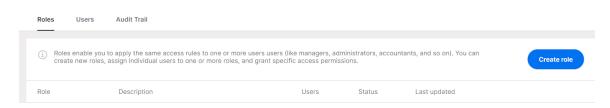
The Administrator first creates a role and then assigns services, permissions and profile IDs to that role.

1. From the main navigation, select **Admin**, then **Roles**.

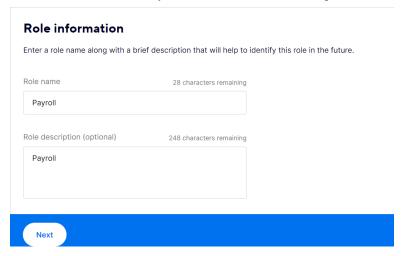


2. Select Create role.

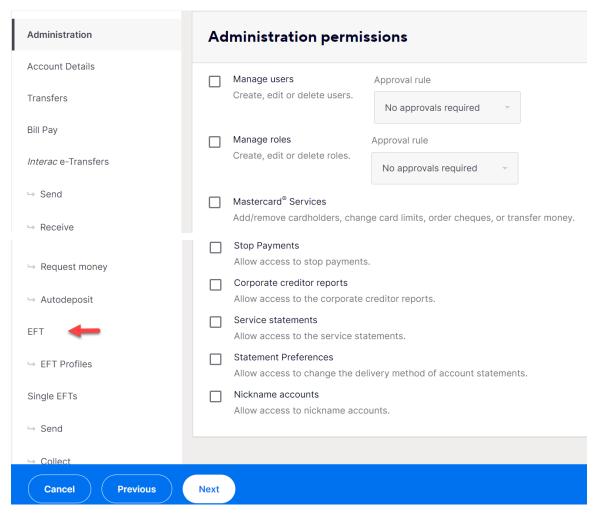
Administration



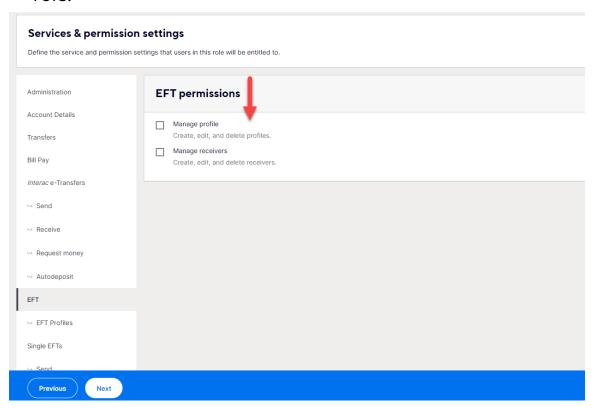
3. Enter a Role name and optional Role description, select Next.



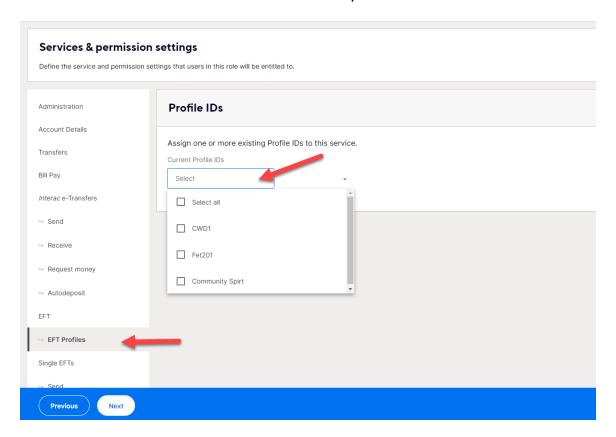
4. Select EFT.



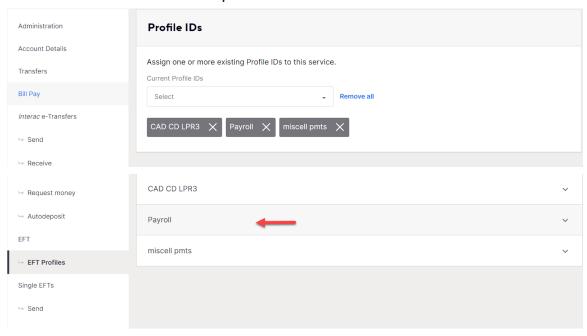
5. Select the **EFT Services & Permissions** you wish to assign to the role.



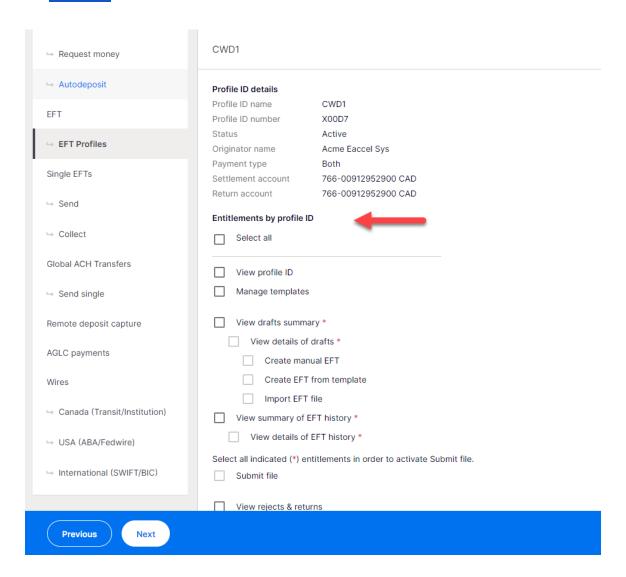
6. Select **EFT Profiles**. Then select the profile ID(s) you wish to assign to the role from the **Profile IDs** dropdown.



7. Select a Profile ID to open the Profile ID details.

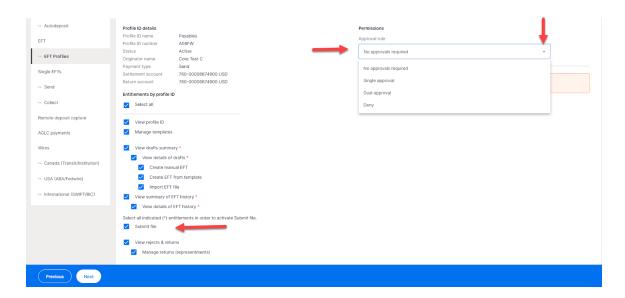


8. Scroll down to **Entitlements by Profile ID** and select the entitlements you wish to assign to the Profile ID. See: <u>Entitlements section</u> for additional details.



9. If the **Submit file** checkbox has been selected, the **Permissions** section will appear on the right side of the page. Under **Permissions**, select an **Approval rule**.

See: <u>Approval Permissions section</u> for additional details.



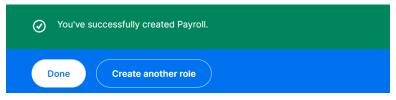
10. Enter the Approval limits and select **Next.**

→ Autodeposit		
	Profile ID details	Permissions
EFT	Profile ID name CWD1 Profile ID number X00D7	Approval rule
→ EFT Profiles	Status Active	Single approval
Single EFTs	Originator name Acme Eaccel Sys Payment type Both	If sending transaction amount exceeds
	Settlement account 766-00912952900 CAD Return account 766-00912952900 CAD	\$0.00
→ Send	Entitlements by profile ID	If collected transaction amount exceeds
→ Collect	Select all	\$0.00
Global ACH Transfers	✓ View profile ID	
→ Send single	✓ Manage templates	If sent daily amount exceeds
Remote deposit capture	✓ View drafts summary *	\$0.00
AGLC payments	✓ View details of drafts *	If collected daily amount exceeds
GLC payments	✓ Create manual EFT	\$0.00
Wires	✓ Create EFT from template	
Canada (Transit/Institution)	✓ Import EFT file ✓ View summary of EFT history *	
USA (ABA/Fedwire)	✓ View details of EFT history *	To view the details of a pending EFT transaction, approving roles must first select the Profile ID entitlements View draft summary and View details of drafts.
	Select all indicated (*) entitlements in order to activate Submit file.	
→ International (SWIFT/BIC)	✓ Submit file	Select roles that can approve exceeded transaction limits:
	✓ View rejects & returns	✓ Corporate Admin

11. Select **Complete**.



A confirmation message with the assigned role name will appear.



Entitlements

The following entitlements can be assigned to a profile ID:

- **View rejects & returns** allows the role to view transactions rejected or returned.
- **View drafts** allows the role to view the draft file(s) created but not sent.
- **View details of drafts** allows the role to view details of the draft file(s).
- **View summary of EFT history** allows the role to view the summary of the EFT history.
- **View details of EFT history** allows the role to view item details in the EFT history.
- Manage returns (representments) allows the role access in order to represent returned transactions or cancel an auto representment.
- Manage templates allows the role to access to add, edit and delete templates.
- Create manual EFT allows the role to create a manual EFT file.
- **Create EFT from template** allows the role to create an EFT file from a template.
- Import EFT file allows the role to import an EFT file.
- Submit file allows the role to send an EFT file to workflow for processing.

Approval Permissions

The following approval settings may be assigned to roles within each profile ID:

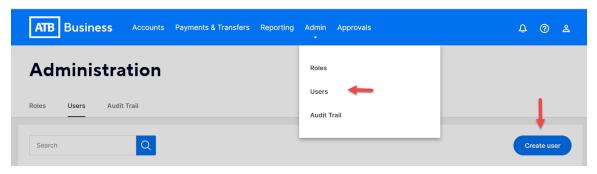
- **Deny** when a file exceeds the specified dollar amount entered by the Administrator, it is denied. If no specified amount is entered, the amount defaults to \$0 and all files will fail to process.
- **No approval required** User doesn't require secondary approval and doesn't have a file limit. The user is only subject to the business-level file and daily limits.
- **Single approval required** A file that exceeds a specified dollar amount must be approved by one other user with an approval rule. A file below the specified dollar amount doesn't require approval.
- **Dual approval required** A file must be approved by two different users who have been assigned the approval entitlement.

Note: In single and dual approvals, file and daily limits can be selected. Once single or dual approval is selected, the default dollar amount is set at \$0.

An approver can only approve files created by others when the files are released into workflow. In addition, files must be approved within specific time limits. A file awaiting approval will expire 60 days after the file has been submitted to workflow.

User Creation

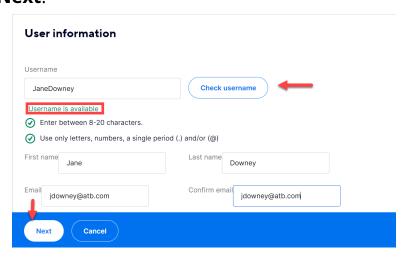
From the main navigation, select Admin → Users, then Create user.



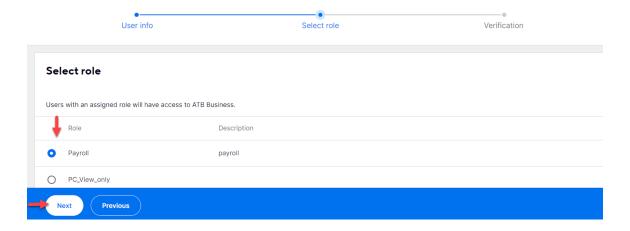
2. Enter the **New user** information.



- 3. Select **Check username** to make sure it's available.
- 4. Select Next.



- 5. Select the role you want to assign to the user.
- 6. Select **Next**.



7. A confirmation message will appear.



User Procedures

Managing Receivers

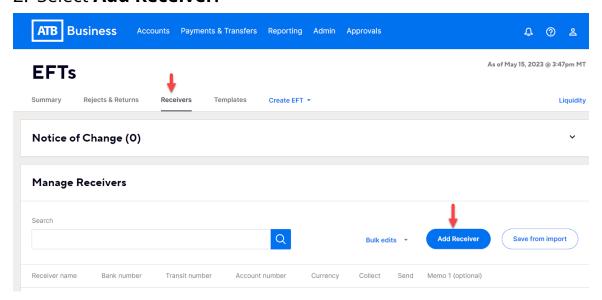
To create an EFT file, it is necessary to first create a receiver or receivers using the **Receivers** tab.

The **Receivers** tab allows you to create receiver(s) and change the details of the receiver(s) you have created.

Receiver details will be used when creating EFT files manually or when selecting or creating EFT templates.

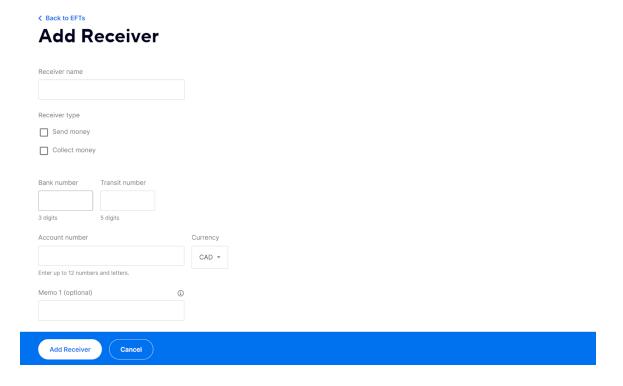
Add a Receiver

- 1. From the EFTs home page, select the **Receivers** tab.
- 2. Select Add Receiver.



3. Enter the receiver's details:

- Receiver name
- Receiver type Send money, Collect money or both Send money and Collect money
- Bank number
- Transit number
- Account number
- Currency CAD or USD
- Memo 1 (optional) will go out with the transaction to the financial institution of the receiver.



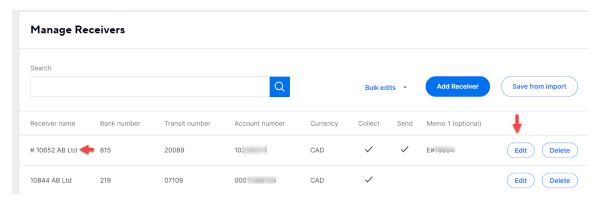
4. Select Add Receiver.

The combination of the bank and transit number will be validated once

this page is submitted. ATB doesn't validate receiver account numbers.

Edit a Receiver

- 1. From the EFTs home page, select the **Receivers** tab.
- 2. Under **Manage Receivers**, search for or select the receiver whose information you want to change.
- 3. Select Edit.



4. Edit the receiver's information.

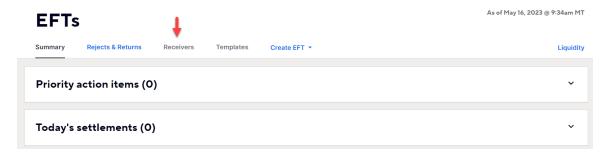
Edit receiver

Receiver name	
# 10652 AB Ltd	
Receiver type	
Send money	
✓ Collect money	
Bank number Transit number	
219 07609	
3 digits 5 digits	
Account number	Currency
12345678934	CAD ₹
Enter up to 12 numbers and letters.	
Memo 1 (optional)	
E#76654	

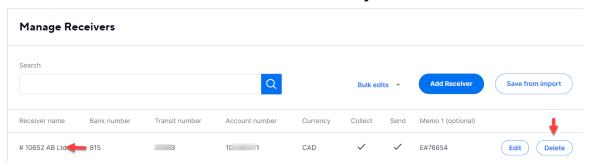
5. Select **Save**.

Delete a Receiver

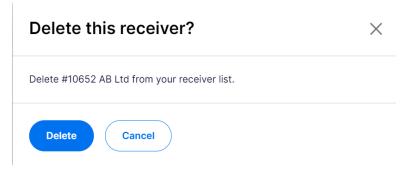
1. From the EFTs home page, select the **Receivers** tab.



2. Select the receiver whose information you want to delete.

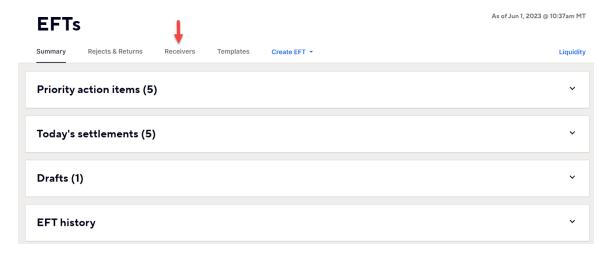


- 3. Select **Delete**.
- 4. Confirm by selecting **Delete** in the confirmation pop up.

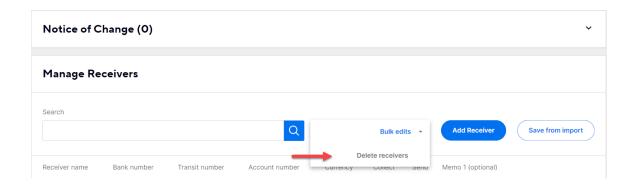


Delete Multiple Receivers

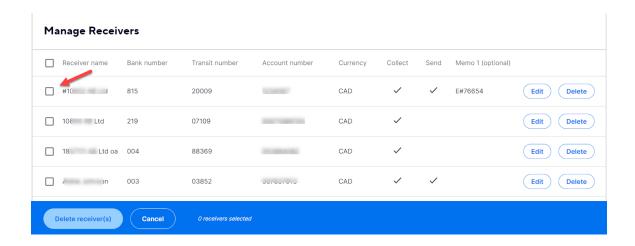
1. From the EFTs home page, select the **Receivers** tab.



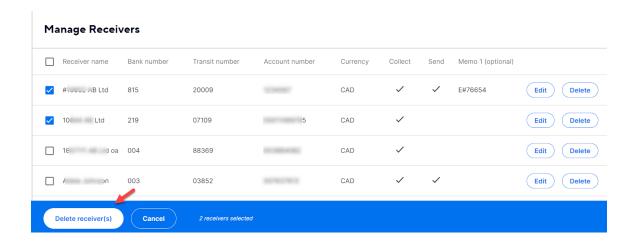
- 2. Select Manage Receivers.
- 3. From the **Bulk edits** dropdown, select **Delete receivers**.



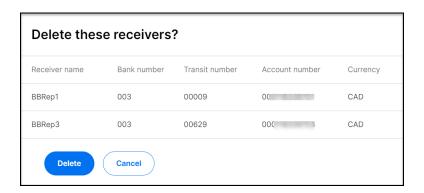
4. Select the check box beside the receiver name for each receiver you want to delete.



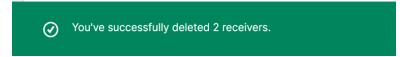
5. Select **Delete receiver(s)**.



6. Confirm by selecting **Delete**.



7. You should receive a confirmation of the receiver(s) deleted.



Managing EFTs

There are three ways to initiate an EFT file:

- Create an EFT file from saved receivers.
- Create an EFT file from a template.
- Import an EFT file created by your own accounting software.

Once the files are created or imported, you can send them to ATB Business for processing.

Each file can contain up to 50,000 Send and/or Collect transactions.

Minimum Time Required

EFT files must be received **one business day prior to the earliest transaction due date**, to ensure timely processing.

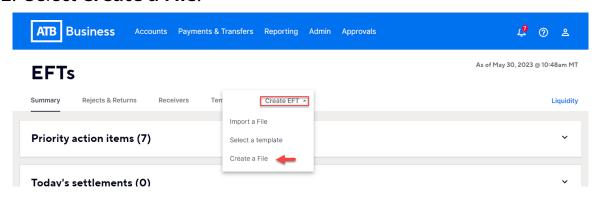
This ensures that any problems in processing can be dealt with effectively.

Note: this timeframe does not include the internal workflow approval time you may require in order to submit your file to ATB Business.

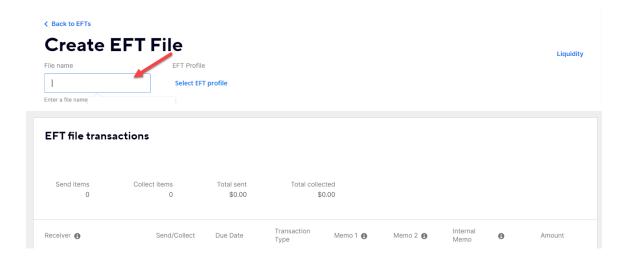
Creating Files

Create a File Manually

- 1. From the EFTs home page, select **Create EFT**.
- 2. Select Create a File.



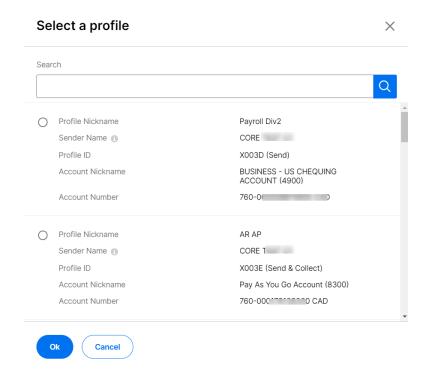
3. Enter a File name.



4. Choose **Select EFT profile**.

Note: Profile selection is only required when you have **multiple EFT profiles**.

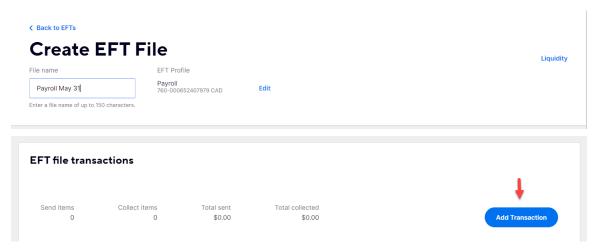
• Scroll or **Search** then select the profile you want to use for the creation of the EFT file.



5. Select Ok.

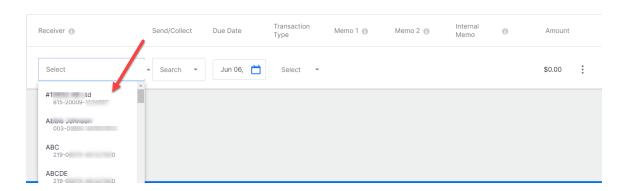
• The profile selected determines the type of transactions in the file (Send, Collect or Send and Collect). The sender name and account that will be used for settlement is displayed for your confirmation.

6. Select Add Transaction.



7. Select a receiver from the drop down list of previously saved receivers or type in the receiver name.

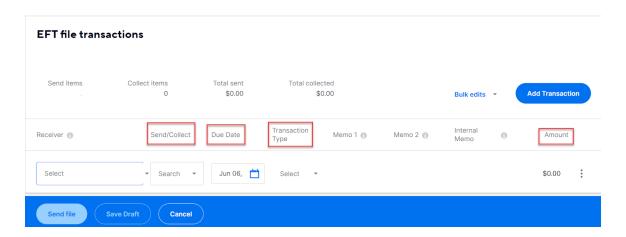
Note: Based on the profile selected, only receivers that are allowed for that profile type will display: i.e. Profile type is "Send" - only receivers that allow "Send" will display.



- 8. Enter the following information (required):
- Select **Send** or **Collect** if this information is not already displayed.
- Select a Due Date.
- Select a **Transaction Type** or type in a transaction type code or a keyword.

See: Payments Canada Transaction Codes

Enter Amount.



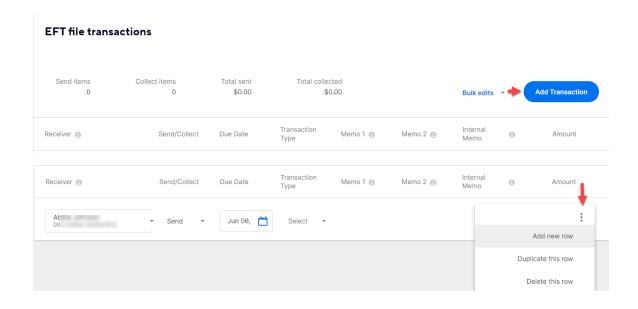
- The other 3 fields are **optional** and can be used for your tracking or identification.
 - Memo 1 also known as Cross Reference. Any changes made will not be saved with the Receiver for future use. This information goes out with the transaction.
 - Memo 2 also known as Sundry data (optional). This information goes out with the transaction.

Note: We'll always send your memos but not all banks can share them with the receiver.

- Internal Memo this information does not go out with the transaction and is for your purposes only.
- 9. Select **Add Transaction** (see image below) to add another row.

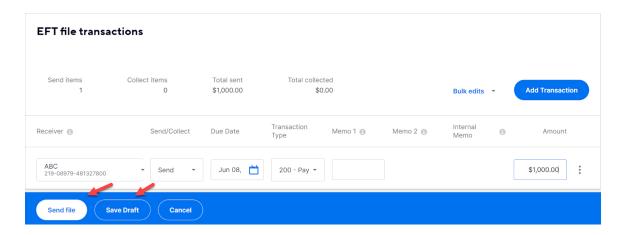
OR

- 10. Select the three vertical dots menu to:
- Add a new row.
- Duplicate this row.
- Delete this row.

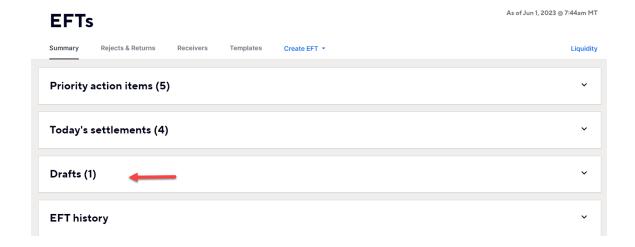


11. To proceed:

- Select **Send file** If the file is complete and you are ready to send it.
- Select **Save Draft** If the file is incomplete or you are not ready to send it.



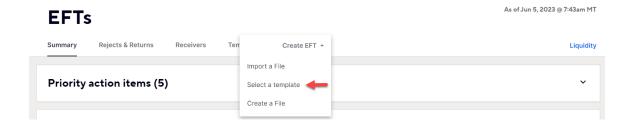
 Saved drafts will display on the EFTs home page under the Summary tab in the Drafts section.



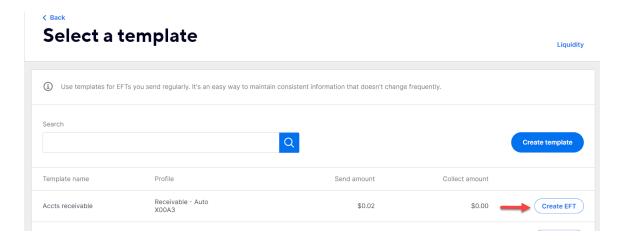
Create a File from a Template

You can create, save and reuse templates for EFT files. This is a convenient option for files that need to be sent out regularly with only a few changes.

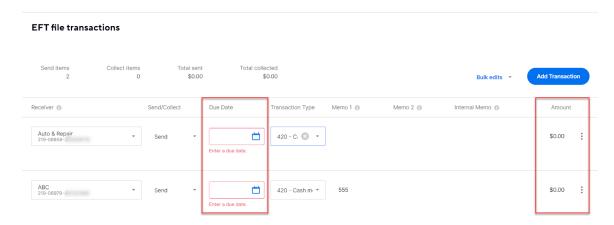
- 1. From the EFTs home page, select **Create EFT**.
- 2. Choose Select a template.



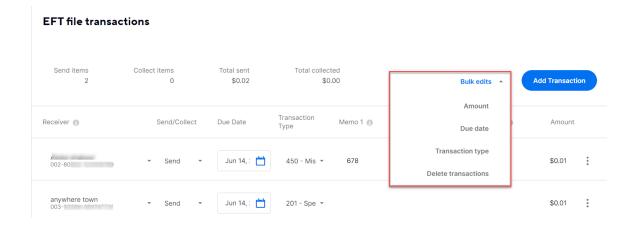
3. Select the template you want to use and select Create EFT.



- 4. Update the required fields for each transaction:
- Enter the **Due Date** (mandatory) and change the **Amount** if required.
- Memo 1, Memo 2, and Internal Memo are optional.



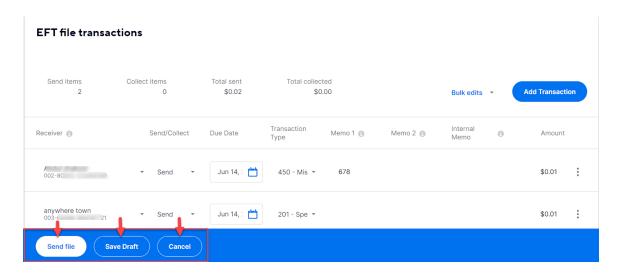
 To manage multiple transactions, select Bulk edits to update the Amount, Due Date, Transaction Type or to Delete transactions.



Note: You can make these field changes to transactions without affecting your original template.

To proceed:

- Select **Send file** if the file is complete and you are ready to send it.
- Select **Save Draft** if the file is incomplete or you are not ready to send it.
- Select Cancel to exit.



Import an EFT File

You can import an EFT file into ATB Business using files created by your own accounting software.

Most types of accounting software can create EFT files that are compatible with the ATB Business platform.

Refer to your accounting software user guide or contact your software vendor to confirm compatibility.

Three file types are supported for importing files. You can decide which type and format works best for your business:

- 1464 bye format (recommended)
- 96 byte format
- CSV file format

Start by creating the file using your account software, then save the file to your computer.

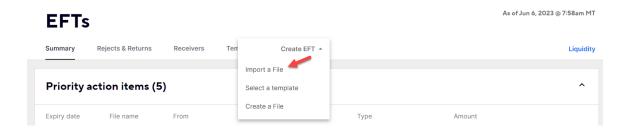
See: <u>Appendix B - EFT file formats & validations</u>

To import a file:

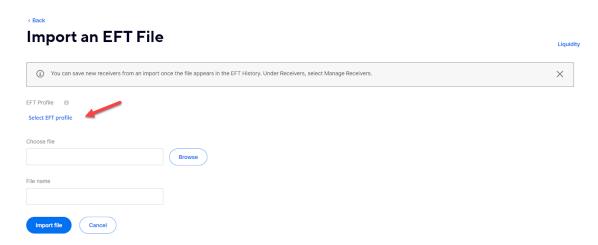
1. From the EFTs home page, select **Create EFT**.



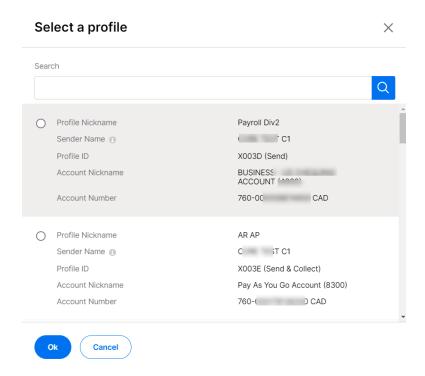
2. Select **Import a File**.



3. Choose **Select EFT profile**.

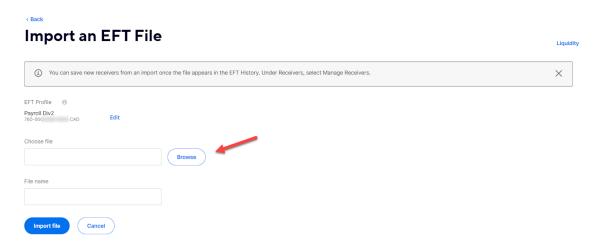


4. If you have more than one EFT profile, you'll need to select the profile you wish to use (see screen below). The profile indicates the allowed type of transactions for the file (Send, Collect or Send and Collect). It provides the sender name and the settlement account.

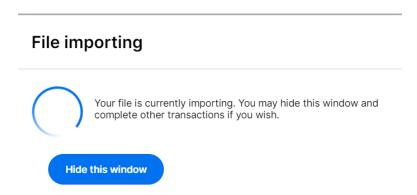


5. Select Ok.

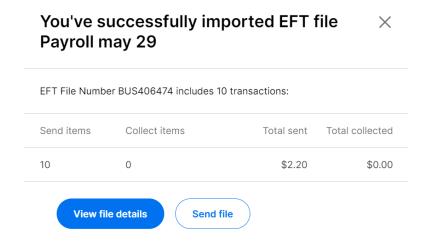
6. Select **Browse** to search your computer for the file you want to import and open the file.



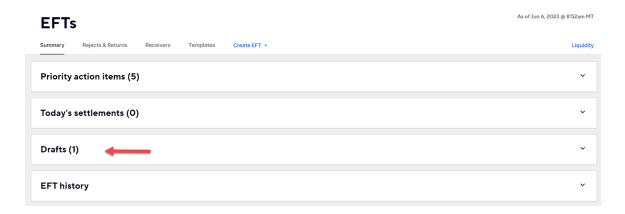
- 7. The file selected will automatically be populated in the **Choose file** and **File name** fields. If you wish, you can clear the **File name** field and rename the file.
- 8. Select Import file.



9. When the import process is successfully completed you will see a confirmation pop up.



- View file details will take you to the **Draft** details screen.
 - See: View a Draft File.
- Send file will send the file for processing.
- 10. The successfully imported file is automatically saved to **Drafts**.

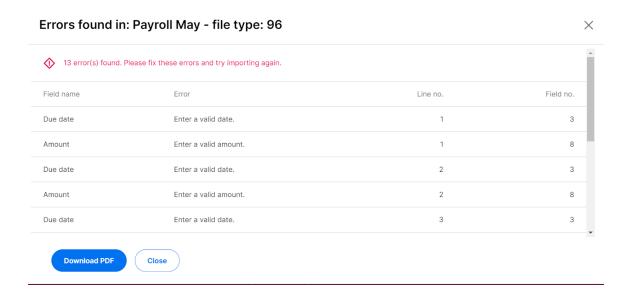


Import Errors

If there are any errors during the import process, you will receive an error message. Select **View errors** to see a list of errors for the file you were trying to import.



The list of errors will be displayed. If you'd like to print the list, select **Download PDF**. You can review the errors, fix the file and try to import it again.



From here, you can choose to:

- Hide the importing window,
- Import another file, or
- Navigate away from the import screen.

Once the import has completed, a confirmation pop up will display in the bottom right corner of the screen. Select **View summary** to go to the **Draft** details screen.



If errors have occurred during the import process, a pop up will appear and will display a red X next to each file with an error. Select **View summary** to see the import errors for the file.



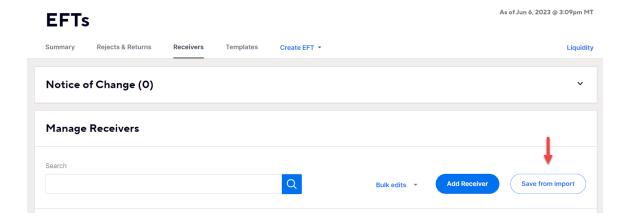
Save Receivers from an Imported File

To save receivers from an imported file, the file must be in **EFT history**.

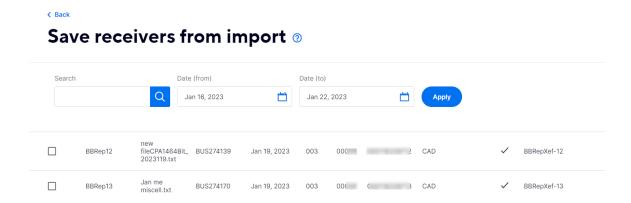
1. From the EFTs home page, select the **Receivers** tab.



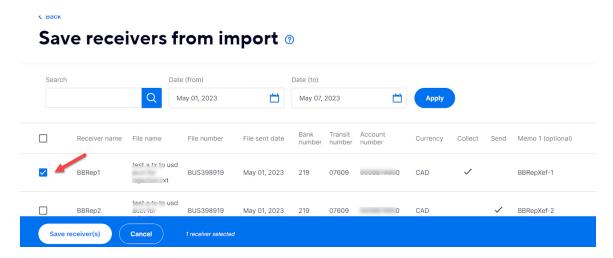
2. Select Save from Import.



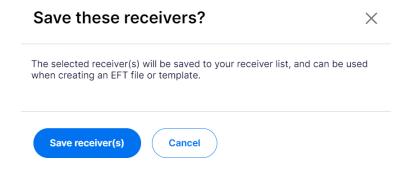
3. Select a date range, then select **Apply**.



4. Select the check box beside the receiver name for each receiver you want to add.



- 5. Select Save receiver(s).
- 6. In the pop up, confirm by selecting **Save receiver(s)**.



7. You should receive confirmation of the number of receiver(s) added.



Draft Files

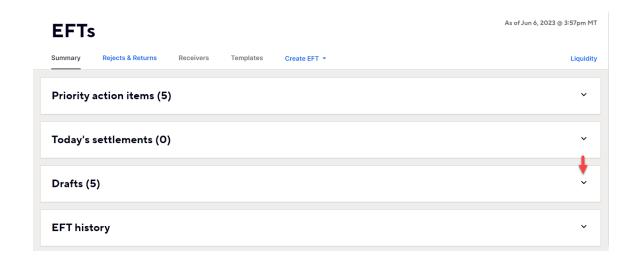
The **Drafts** section displays files that have been created manually, created from a template or imported. Draft files are:

- 1. Files that have not yet been sent for processing or are pending future edits.
- 2. Files that have been sent for approval and:
 - approval is pending,
 - approval was rejected or failed, or
 - approval time expired.

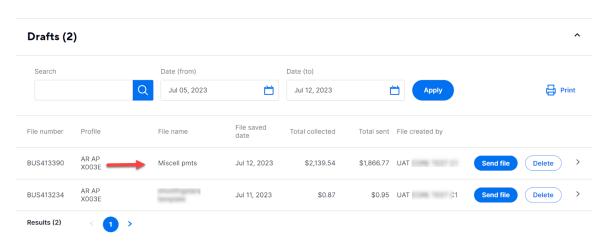
Note: You will need to regularly review the files in **Drafts** to determine what actions need to be taken so the files can be sent for processing.

View a Draft File

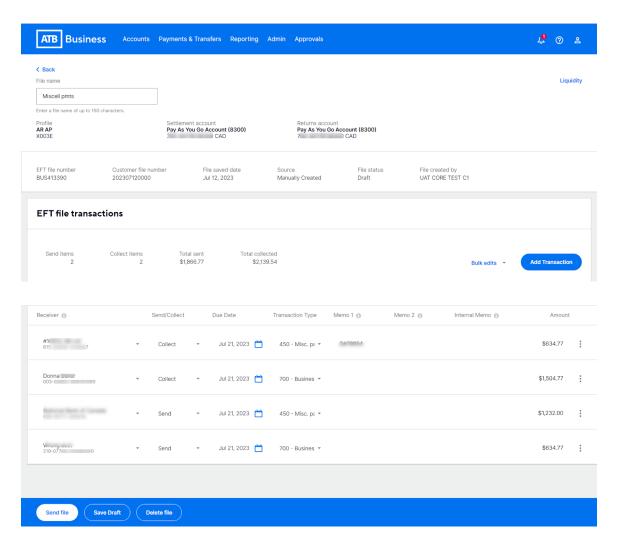
1. From the EFTs home page, under the **Summary** tab, select **Drafts**.



2. Select the row of the file you want to view.



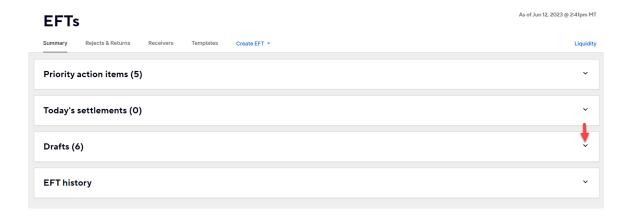
3. View the file details.



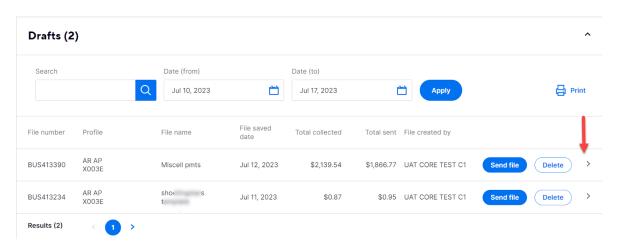
Edit a Draft File

Files you have created in ATB Business (with the exception of imported files) can be edited prior to sending them for processing.

1. On the EFTs home page, under the **Summary** tab, select **Drafts**.

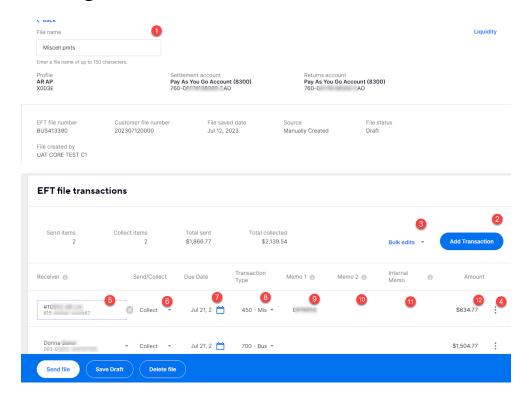


2. Select the file you want to edit.

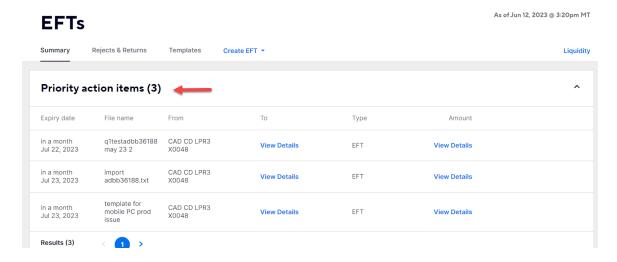


3. Once the file is selected, you can make the following changes (see numbered screen image below):

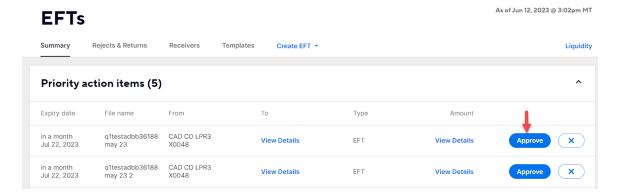
- (1) Change the File name
- (2) Add Transaction
- (3) Use **Bulk edits** to change due date, transaction type, amount for all transactions in the file or delete multiple transactions
- (4) Use the three dots menu to add, duplicate or delete a row
- (5) Change the **Receiver**
- (6) Change the **Send/Collect** if the profile allows
- (7) Change the **Due Date**
- (8) Change the Transaction Type
- (9) Add or change **Memo 1** information
- (10) Add or change **Memo 2** information
- (11) Add or change Internal Memo information
- (12) Change the **Amount**



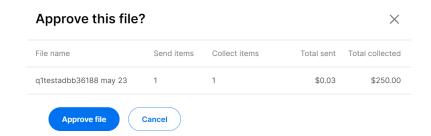
- 4. Once all changes have been made, proceed as follows:
- Select Save Draft If the file is incomplete or you are not ready to send it. Saved drafts will display on the EFTs home page under the Summary tab in the Drafts section.
- Select **Send file** if the file is complete and you want to send it.
- If the file requires approval, the file will move from **Drafts** to the **Priority action items** section.
- The person who has created the file will see the **Priority action** items without the option to approve.



• If you are the approver you will see the **Approve** button.



• When **Approve** is selected, a pop up will appear with the options to **Approve file** or **Cancel**.

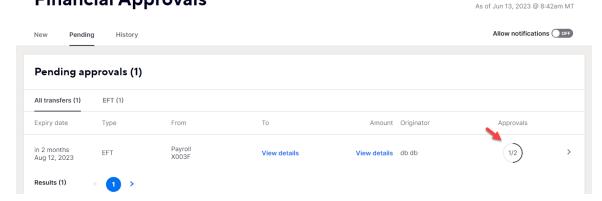


 If Approve file is selected, a confirmation message will appear. If further approval is required the message will include View pending approvals.



• The **Pending approvals** section will show that the 1st of 2 approvals has been completed.

Financial Approvals

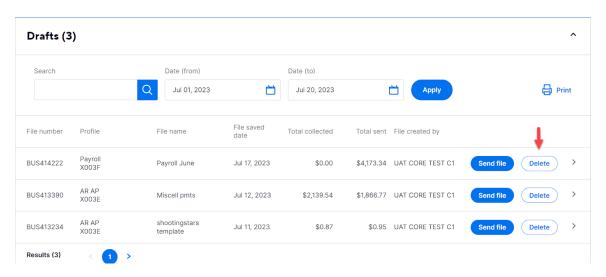


 When the last approval is complete the confirmation of "approved and sent to ATB for processing" will appear.

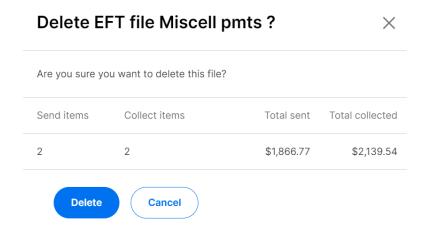


Delete a Draft File

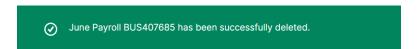
1. On the **Drafts** page select **Delete**.



2. A pop up will appear with the options to **Delete** or **Cancel**.



3. If **Delete** is selected, a confirmation message will appear.

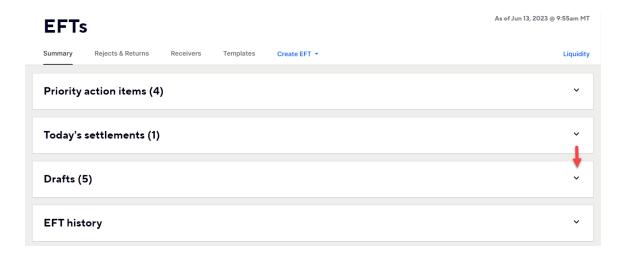


Rejected, Expired or Failed Workflow

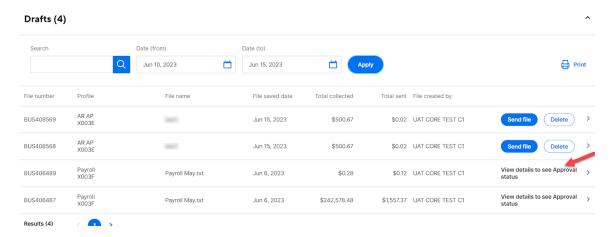
If the workflow shows **Approval rejected** (by the approver) or **Approval expired** (pending approval more than 60 days), you may wish to correct and resubmit.

Note: If the status shows as **Approval failed**, this is due to system issues. You may need to contact ATB for assistance.

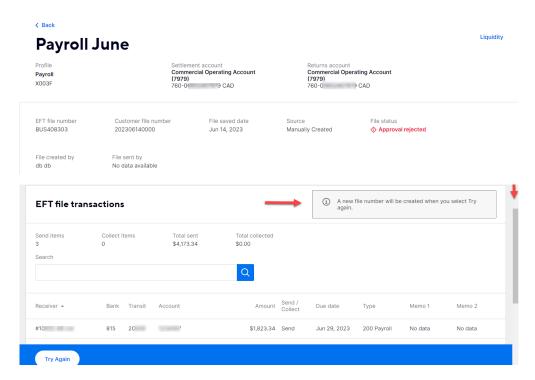
1. From the EFTs home page, under the **Summary** tab, select **Drafts**.



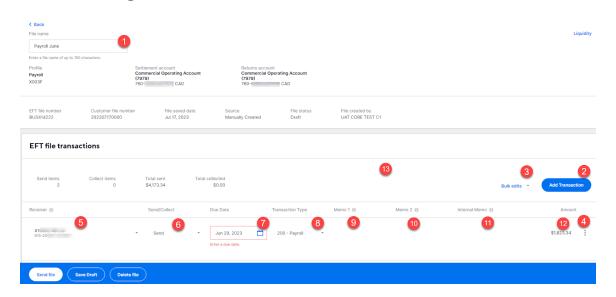
2. Identify the file that was rejected, expired or failed by selecting **View details to see Approval status**.



3. On the page showing the file status, if the status indicates either **Approval rejected** or **Approval expired**, scroll down to where the transaction(s) in the file are listed.



- 4. Select **Try Again** in order to edit the file. You can make the following changes (see image below):
- (1) Change the File name
- (2) Add transaction
- (3) Use **Bulk edits** to change due date, transaction type, amount for all transactions in the file, or delete multiple transactions
- (4) Use the three dots menu to add, duplicate or delete a row
- (5) Change the **Receiver**
- (6) Change the **Send/Collect** if the profile allows
- (7) Change the **Due Date**
- (8) Change the **Transaction Type**
- (9) Add or change **Memo 1** information
- (10) Add or change **Memo 2** information
- (11) Add or change **Internal Memo** information
- (12) Change the **Amount**



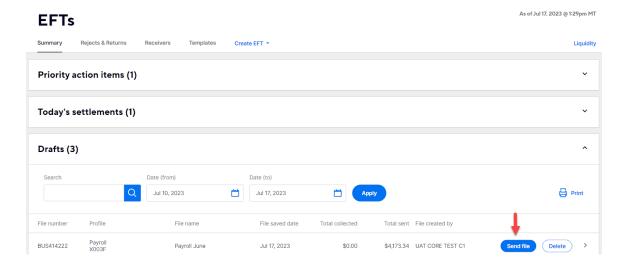
- 5. Once all changes have been made, you can choose to:
- Select **Send file** if the file is complete and you want to send it.
- Select **Save Draft** If the file is incomplete or you are not ready to send it. Saved drafts will display on the EFTs home page under the **Summary** tab in the **Drafts** section.

Send a File for Processing from Drafts

1. From the EFTs home page, under the **Summary** tab, select **Drafts**.

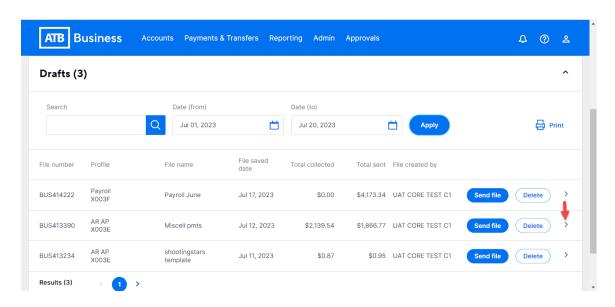


2. From this screen you can choose **Send file** directly.

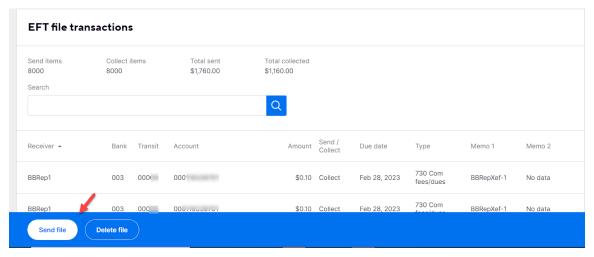


OR

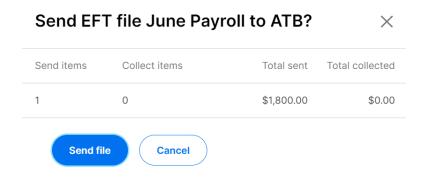
3. If you'd like to view the file details before sending, select the row of the file.



4. View the details, then select **Send file**.



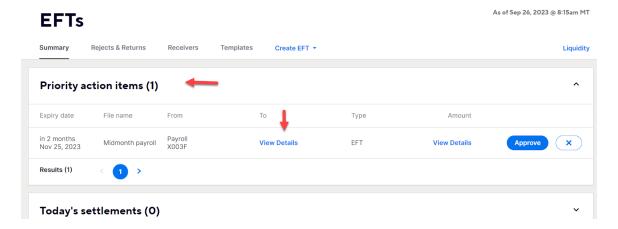
5. Check the totals in the confirmation pop up, then select **Send file**.



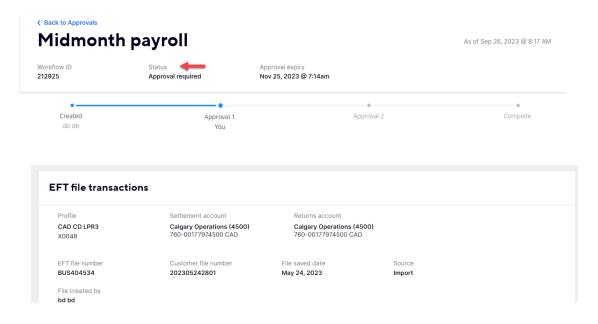
6. If no approval is required, the file will be sent for processing. You will see a message confirming that the file has been sent. Check **EFT history** to confirm the status of the file.



- 7. If approval is required, the file will be sent for workflow approval. Once it's approved by the authorized user(s), it will then be sent for processing.
- To see the status of a file that requires workflow approval, go to the EFTs home page. Under the Summary tab, select Priority action items. Select View Details for the file you want to check.



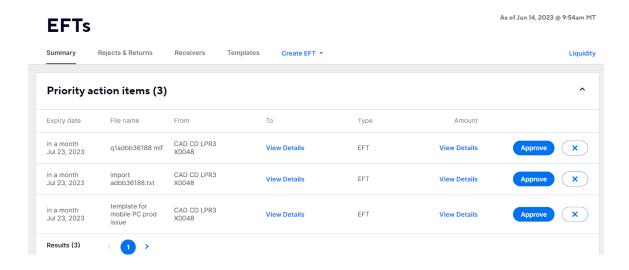
• The **Status** of the approval can then be reviewed:



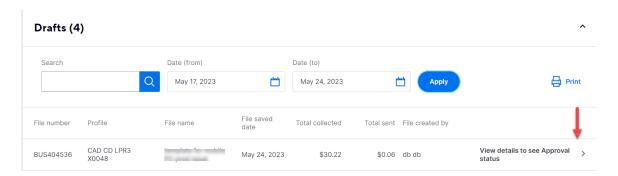
Workflow Approval

Any EFT file that has been sent and requires approval will automatically go into workflow approval before being sent to ATB for processing. If additional approvals are required, subsequent authorized users will need to sign in to ATB Business or the ATB Business Mobile App to review and approve the file. If no approval is required, it will be sent directly to ATB for processing.

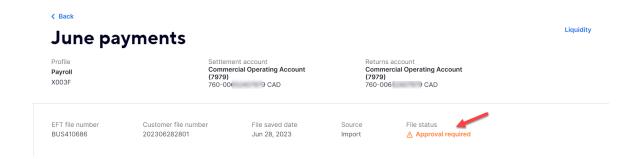
If a user sends a file that requires approval, they will be able to see the EFT file on the EFTs home page under the **Summary** tab, in the **Priority action items** section.



The file will also display under the **Drafts** section. To see the status of the approval, select **View details to see Approval status**:



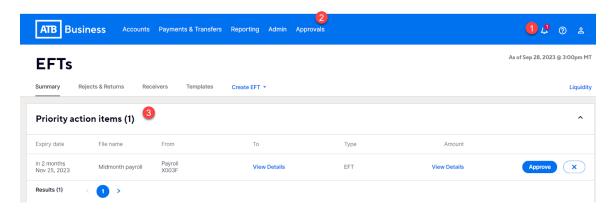
The **Status** of the approval will appear on the details screen under **File status**.



Approvers & Notifications

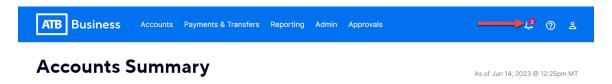
Users who have the Approve functionality assigned to their role have three ways to view notifications for files requiring approval:

- 1. The **Notifications icon** in the top right of the main navigation.
- 2. The Approvals tab
- 3. The User logs in and navigates to the **Summary** section **"Priority action items"** on the EFTs home page

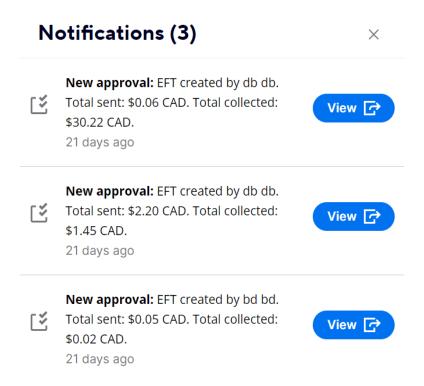


Notifications Icon

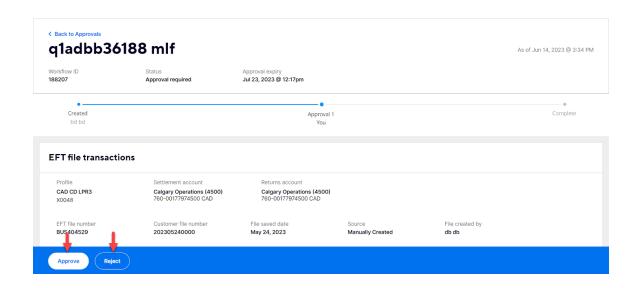
Select the **notifications icon** to view the files pending approval.
 The red circle on the icon shows the number of approvals pending.



• Select **View** in the Notifications menu to see the individual EFT file details.

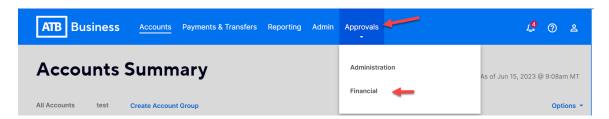


 The EFT file details will display. The approver can Approve or Reject the file.

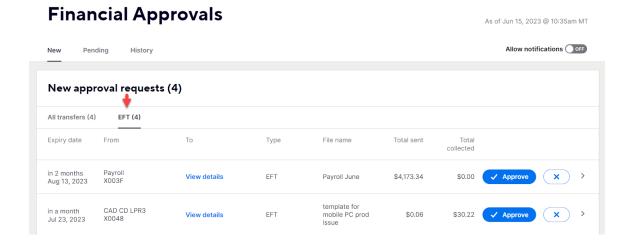


Approvals Tab

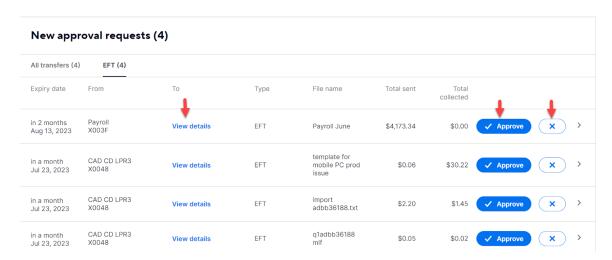
 On the Accounts Summary page, the approver selects the Approvals tab from the main navigation and selects Financial.



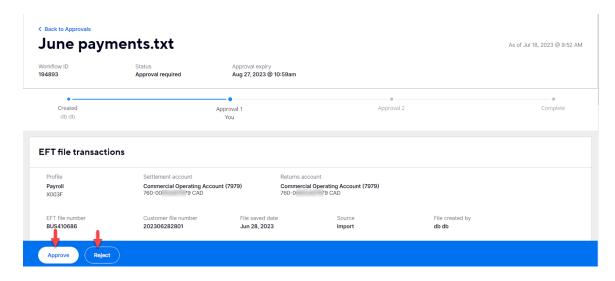
 On the Financial Approvals page, under New approval requests, the approver selects EFT.



• A list of the file(s) that require approval is displayed with options to **View Details**, **Approve** or **X** (reject).

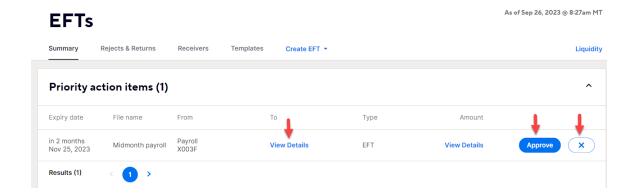


If View details is selected, the approver has the option to choose
 Approve or Reject at the bottom of the page.

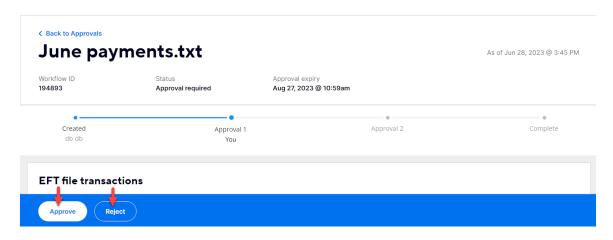


Priority action Items

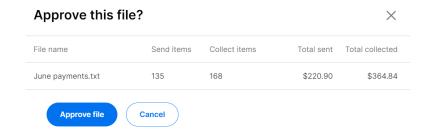
 On the EFTs home page, the approver can locate Priority action items under the Summary tab. The approver can then select View Details, Approve or X (reject).



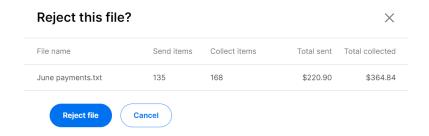
If View details is selected, the approver has the option to choose
 Approve or Reject at the bottom of the page.



• If the approver selects **Approve**, they will see a confirmation pop up where they can select **Approve file** or **Cancel**.



- If the file is approved, a confirmation message will appear and the file can be viewed in **EFT history**.
- If the approver selects **Reject**, they will see a confirmation pop up where they can select **Reject file** or **Cancel**.



• If the file is rejected, a confirmation message will display and the file can be viewed in **Drafts**.

Note: For Dual Approval, the same process applies except the approval needs to be received from two different users.

As always, please check the **Priority action items** or the **Approvals tab** for pending approvals.

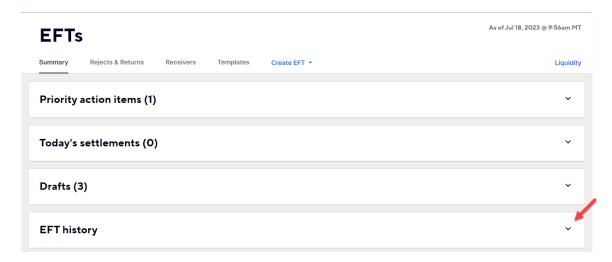
EFT History

EFT history displays the last 12 months of all EFT files submitted by your company. This includes files that were successfully submitted to ATB for processing as well as files that were **not** processed for the following reasons:

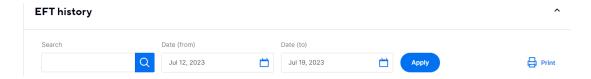
- Files that were rejected due to exceeding liquidity limit,
 non-sufficient funds (NSF), the existence of a duplicate file, or
- The file was recalled.

View EFT history

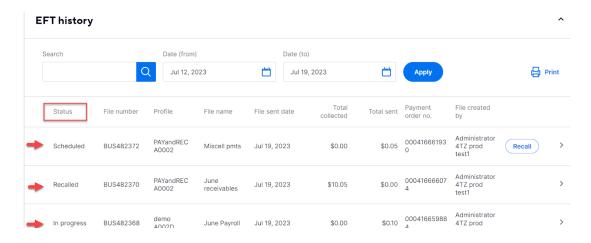
From the EFTs home page, under the **Summary** tab, select **EFT** history.



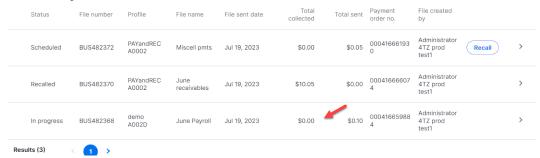
2. Select a date range, then select **Apply**.



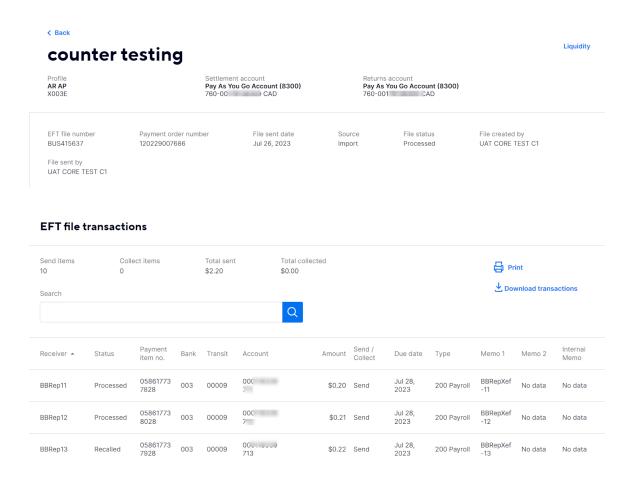
- Scroll to find the file you are looking for or enter the specific file name you're looking for in the **Search** field and select the magnifying glass.
- 4. The status of the file will be displayed on the **EFT history** summary screen.



5. To view the status of the transactions in the file, select the row of the file you want to view

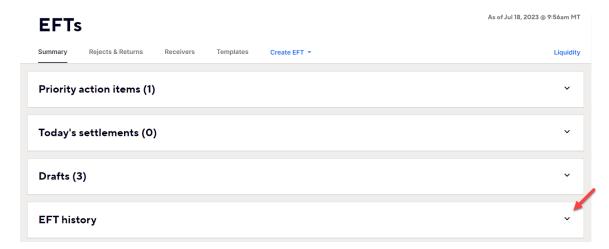


6. You will then be able to see the details and history of the EFT file.

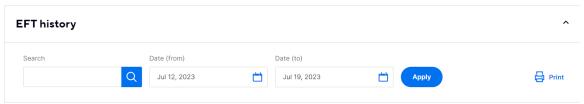


Download EFT Transaction History

1. On the EFTs home page, under the **Summary** tab, select **EFT history**.

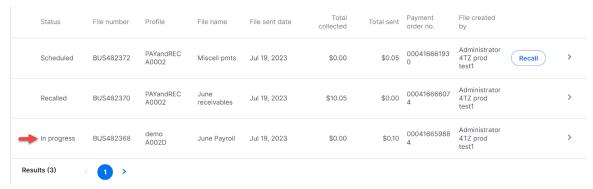


2. Select a date range, then select **Apply**.

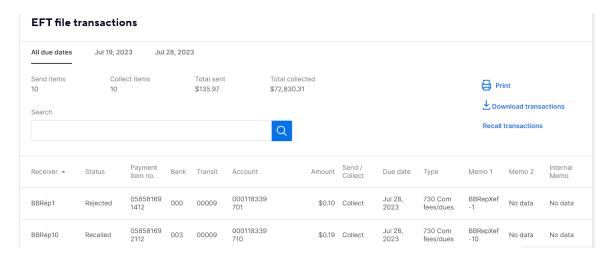


 Scroll to find the file you are looking for or enter the specific file name you're looking for in the **Search** field and select the magnifying glass.

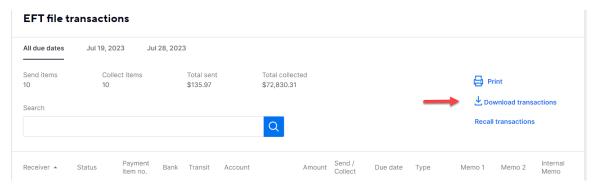
4. Select the file you want to download by selecting the row.



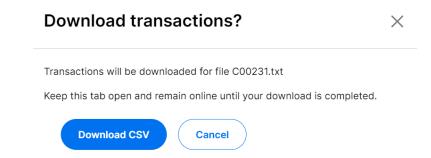
5. The **EFT history** details will display:



6. Select the **Download transactions** link.



7. Select **Download CSV**.

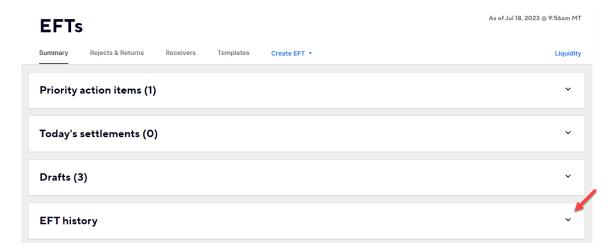


8. When the download is complete, you will be able to open or save the file from your browser.

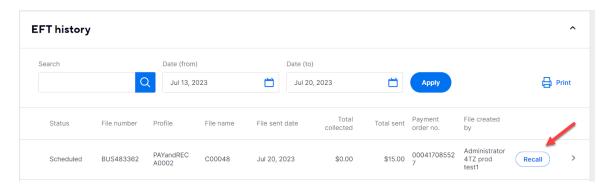
Recall an EFT

EFT files or transactions can be recalled if they have not yet been processed by ATB.

1. From the EFTs home page, under the **Summary** tab, select **EFT history**.

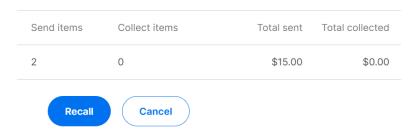


2. If the file can be recalled, you will see a **Recall** button at the far right of the row. Select **Recall**.

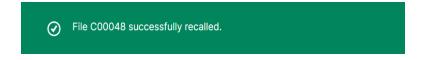


3. A pop up will appear with the options to **Recall** or **Cancel**.

Recall C00048?

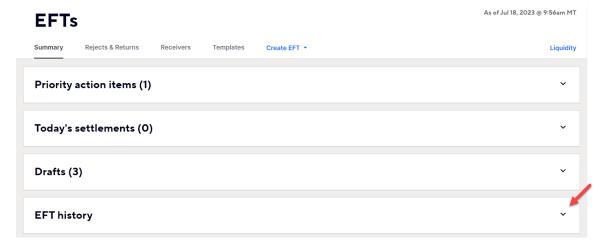


When **Recall** is selected, you will receive a confirmation pop up.

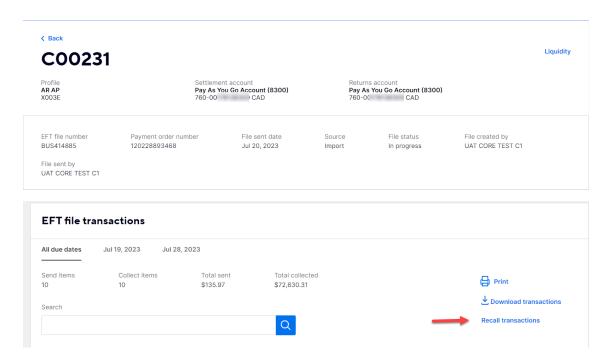


To recall one or more transactions in a file:

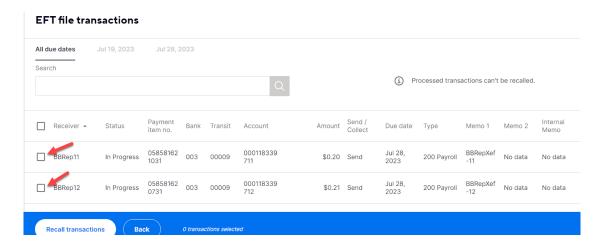
1. From the EFTs home page, under the **Summary** tab, select **EFT history**.



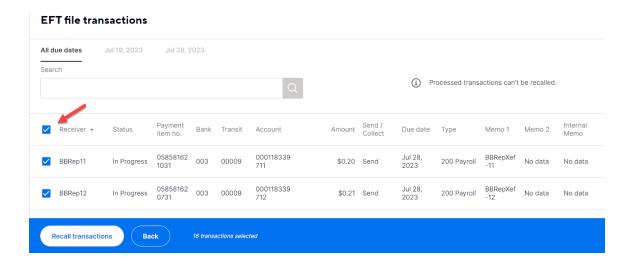
2. Select the EFT file that contains the transactions you'd like to recall. You will see **Recall transactions** if the transactions can be recalled. Select the **Recall transactions** link.



3. Select the transactions you want to recall by selecting the box next to the receiver name.



• To recall all transactions that can be recalled, select the box beside **Receiver**.



4. Select **Recall transactions**. A pop up will appear.

Recall transactions?

Collect items Send items Total collected Total sent 6 10 \$16,829.89 \$135.97 Confirm Back

5. When Confirm is selected, a confirmation pop up will appear.
Please note that moving between pages is inactivated when transactions are selected for recall. This may limit the number of transactions you can recall at one time.



Rejects & Returns

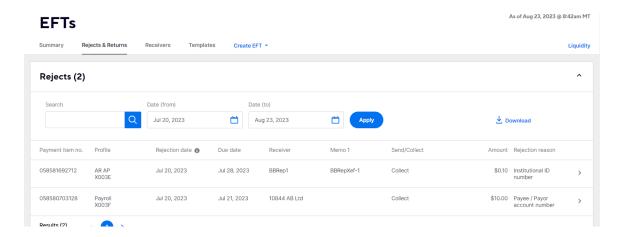
An EFT transaction will show as rejected or returned if the money was not received by the Receiver. You can also see the reason for the Reject or Return.

View Rejects

1. From the EFTs home page, select the **Rejects & Returns** tab.



- 2. View details of the **rejected** transactions.
- **Rejects** are transactions that fail the initial edits at ATB or at another bank when received.



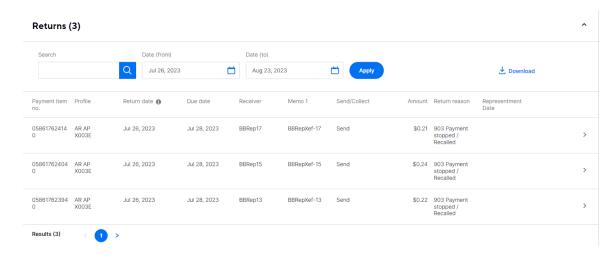
See: Appendix G: 900 - Edit Reject data element & description.

View Returns

1. From the EFTs home page, select the **Rejects & Returns** tab.



- 2. View details of the **returned** transactions.
- Returns are transactions that are returned by the Receivers financial institution due to the status of the account balance or other reasons originating with the bank where the account is being held.



See: Appendix G: Item return reason code & descriptions.

Represent Returns

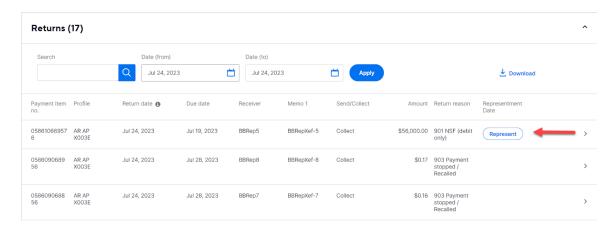
Payments Canada (CPA) allows the (re-presentment) of EFTs that have been returned. If a Return meets the criteria for representment (see list below), the **Represent** button will be displayed on the corresponding **Returns** page. This button allows you to (re-present) the EFT transaction.

The representment criteria for an EFT transaction are:

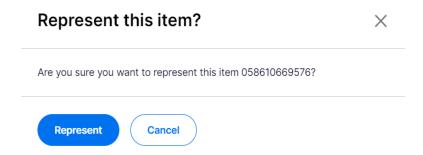
- Transaction must be a pre-authorized debit.
- Return reason is non-sufficient funds (NSF) or funds not cleared (FNC).
- Representment must occur within 30 days from return date.
- If the represented item is returned as (NSF) or (FNC), it cannot be represented a second time.

To represent a returned item:

1. Select the **Represent** button on the **Returns** screen.



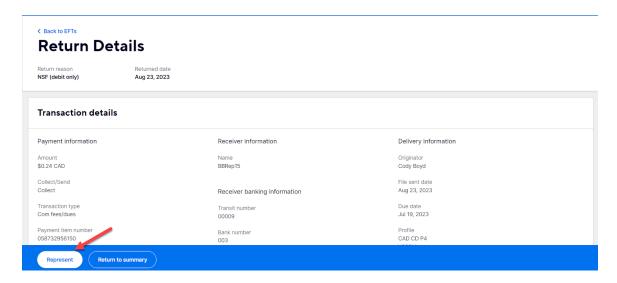
2. You will get a pop up to confirm the representment. Confirm by selecting **Represent**.



3. If **Represent** is selected, a confirmation message will appear.



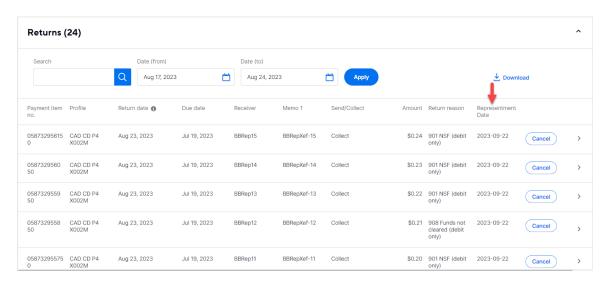
4. To view the return details, select the row of the transaction you want to represent and select **Represent** on the **Return Details** page.



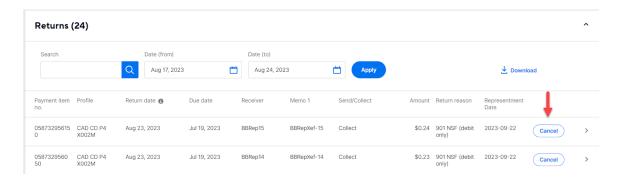
Automatic Representment Service

Enrollment in this service allows ATB to set up automatic scheduled representments of your eligible returns.

1. To view the scheduling of an automatic representment, go to the **Returns** page and see the Representment Date.



2. To cancel an automatic representment, find the row of the transaction you wish to cancel on the **Returns** page and select **Cancel**.



3. A pop up will appear with the options to **Confirm Cancel** or **Cancel**.



4. If **Confirm Cancel** is selected, a confirmation message will appear.



- If the representment is cancelled, the transaction can be manually represented within a 30 day timeframe.
- To change a scheduled representment, contact ATB Business Solutions at 1-877-363-4855.

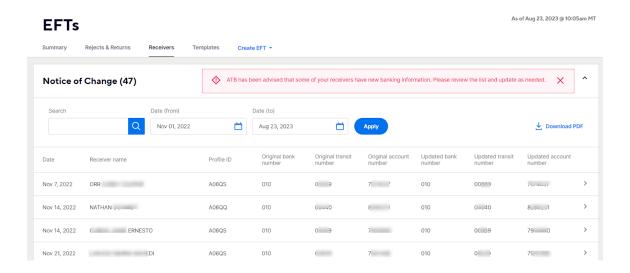
View a Notice of Change

A **Notice of Change** (NOC) allows other financial institutions to inform you of changes to a receiver's branch or account information.

1. To view a NOC, select the **Receivers** tab on the EFTs home page.

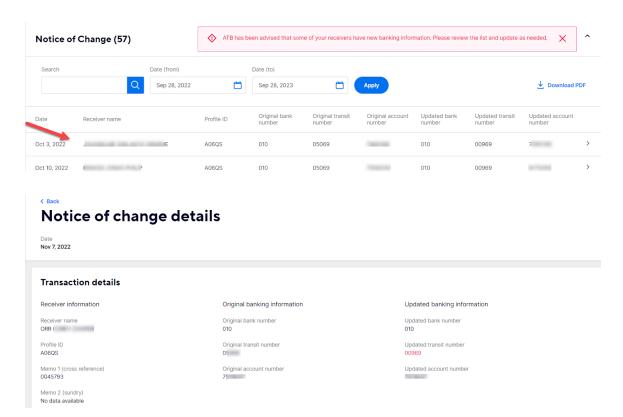


Note: If there has been a NOC within the last 7 days, a bracketed number will display next to **Notice of Change**.

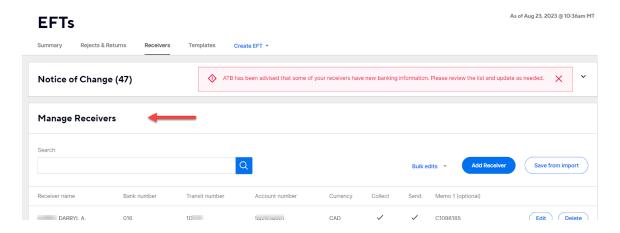


2. You will be able to view both the original and updated information.

3. Select a row in the NOC table to view details.



 To view NOCs that were sent prior to the 7 day default, enter a date range under **Date (from)** and **Date (to)** on the NOC summary page. After viewing the NOC, you can update the receiver information by selecting Manage Receivers. (For more information, see <u>Managing Receivers</u>.)



Managing Templates

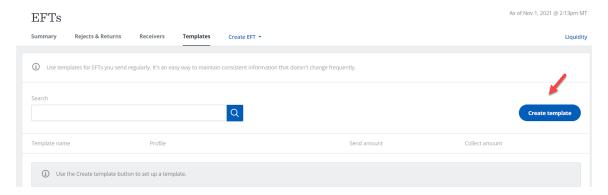
Templates allow you to save information for EFT files that you send out regularly with few changed details.

Create a Template

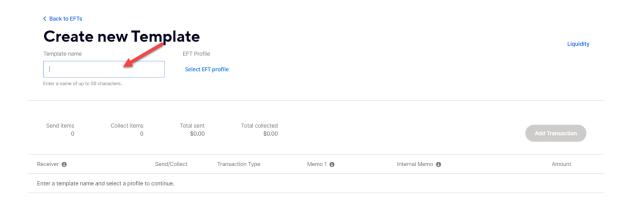
1. From the EFTs home page, select the **Templates** tab.



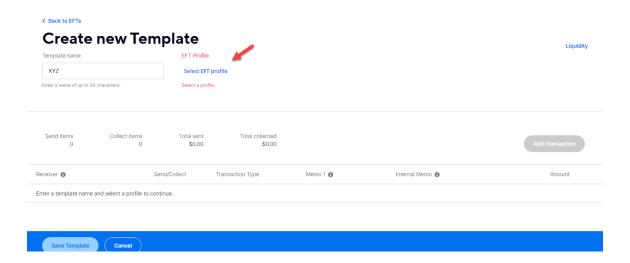
2. Select Create template.



3. Enter a **Template name**.

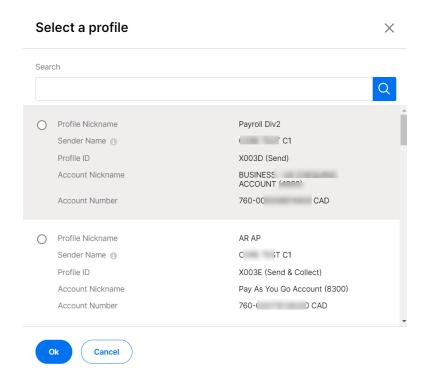


4. Choose **Select EFT profile**.



Note: Profile selection is only required when you have **multiple EFT profiles**.

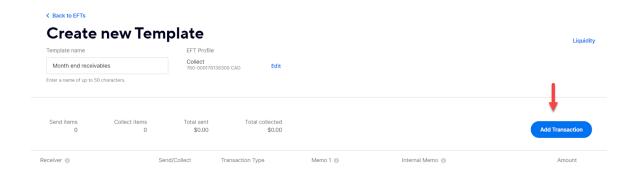
5. Scroll or **Search** then select the profile you want to use for the creation of the EFT file.



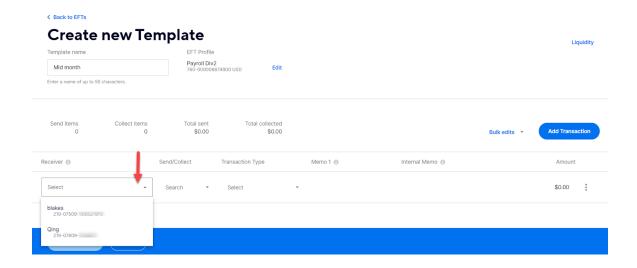
6. Select Ok.

• The profile selected determines the type of transactions in the file (Send, Collect or Send and Collect). The sender name and account that will be used for settlement is displayed for your confirmation.

7. Select Add Transaction.

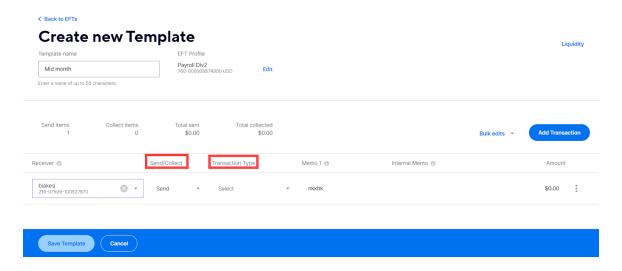


8. Select a receiver from the drop down list of previously saved receivers or type in the receiver name.



- 9. Enter the following information (required):
- Select Send or Collect.
- Select a **Transaction Type** or type in a transaction type code or a keyword.

See: Payments Canada Transaction Codes



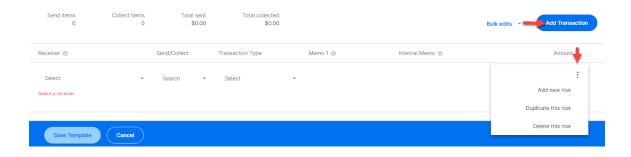
- The next **2** fields are **optional** and can be used for your tracking or identification.
 - Memo 1 also known as Cross Reference. The information in Memo 1 goes out with the transaction to the receiver's financial institution.
 - You can edit this field with new information. However, this will not update the receiver **Memo 1** field saved in the receiver's details.
 - Internal Memo this information does not go out with the transaction and is for your purposes only.
 - Memo 2 can be added when you Create an EFT using a

template.

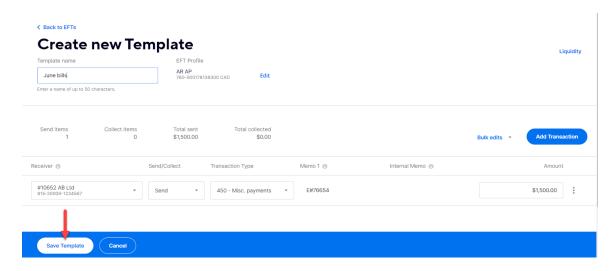
- We'll always send your memos but not all banks can share them with the receiver.
- Enter an **Amount** or leave as \$0.00.
- 10. Select **Add Transaction** button to add another row,

OR

- 11. Select the three vertical dots menu to:
 - Add a new row.
 - Duplicate this row.
 - o Delete this row.

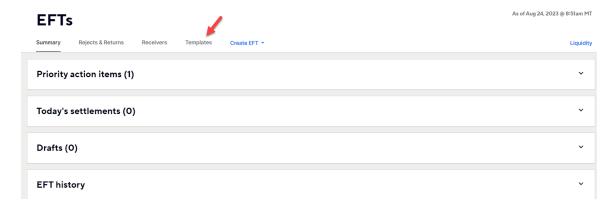


12. Select **Save Template**.

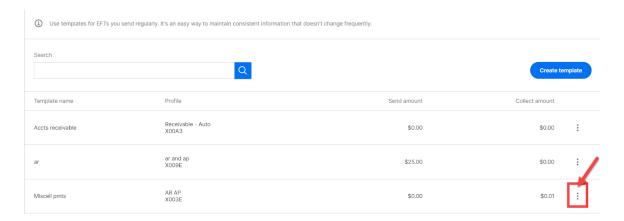


Edit a Template

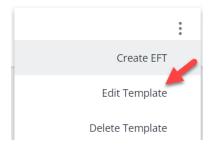
1. From the EFTs home page, select the **Templates** tab.



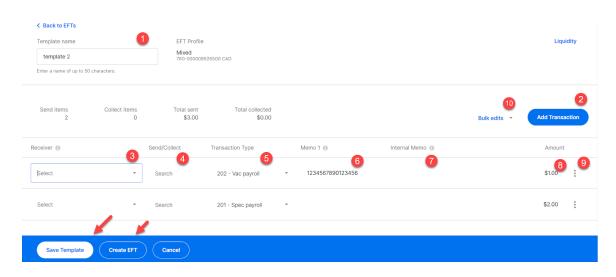
2. Select the three vertical dots menu of the template you want to edit.



3. Select **Edit Template**.



- 4. You can now do one of the following:
 - 1. Change the template name.
 - 2. Click to Add Transaction.
 - 3. Change the **Receiver**.
 - 4. Change the **Send/Collect** if the profile allows.
 - 5. Change the **Transaction Type**.
 - 6. Add or change **Memo 1** information.
 - 7. Add or change **Internal Memo** information.
 - 8. Change the **Amount**.
 - 9. Use the three dots menu to add, duplicate or delete a row.
 - Use Bulk edits to change Amount, transaction type or delete multiple transactions.
- 5. When you have made all the desired changes, select **Save Template** or **Create EFT**.

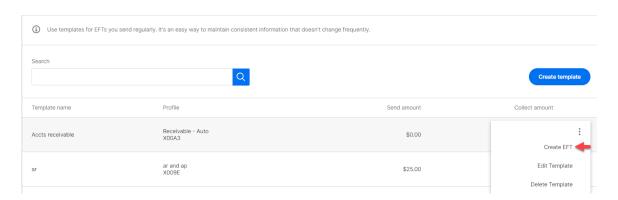


Create an EFT from a Template

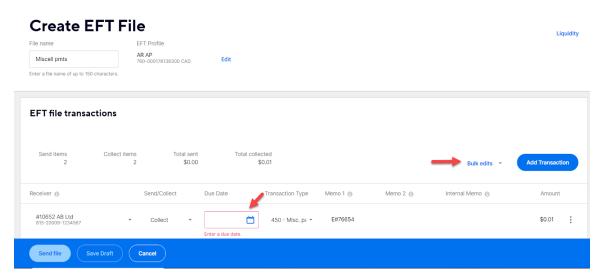
1. From the EFTs home page, select the **Templates** tab.



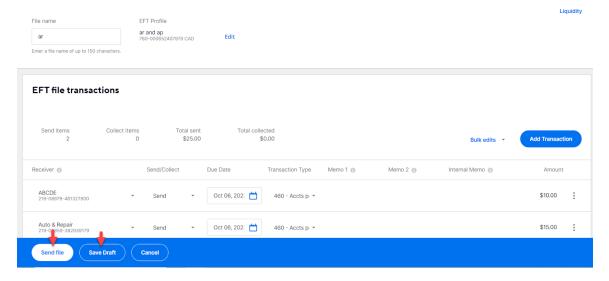
2. Select the three vertical dots menu of the template you want to use and select **Create EFT**.



3. Enter the **Due Dates** for the transactions, or select **Bulk edits** if the due date for all of the transactions in the template are the same.



- 4. Edit additional information as needed.
- 5. Select **Send file** or **Save Draft**.

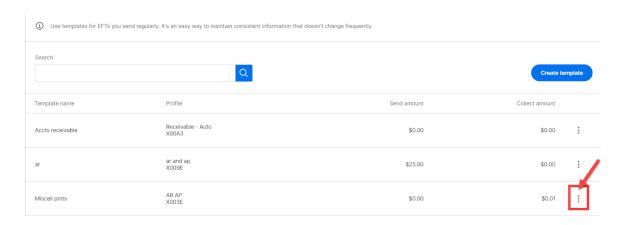


Delete a Template

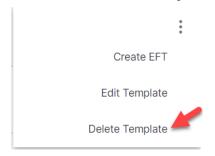
1. From the EFTs home page, select the **Templates** tab.



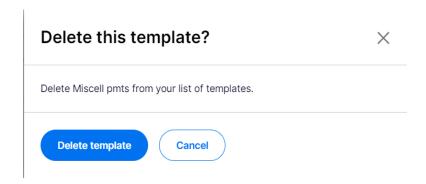
2. Select the three vertical dots menu of the template you want to delete.



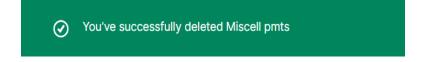
3. Select **Delete Template** to confirm deletion.



4. A pop up will appear with the options to **Delete template** or **Cancel**.



5. If **Delete template** is selected, a confirmation message will appear.



Appendix A - EFT file formats

CPA 1464 byte file format

The CPA (Payments Canada) format for EFT is the standard format used by most financial institutions in Canada. ATB Financial has structured its EFT system to allow customers to use both CPA format and ATB's 96 byte format.

Logical record types

CPA 1464 format uses four record types:

- Logical record type A—provides the file identification and control information and must be the first logical record in each file.
- 2. Logical record type C—records direct deposit credit data.
- 3. Logical record type D—records pre-authorized debit data.
- 4. Logical record type Z—provides control totals and must be the last logical record in each file.

Logical records composition

All files must contain a logical record type A and a logical record type Z.

Each type C or D record should contain the information necessary to describe one to six transactions. The space required to record the pertinent data for any one transaction must be contained in a single segment of a logical record. While a

logical record may contain more than one segment, all segments in the record should have the same length and format.

In a logical record where one or more of the segments is not needed, the unused segments should be initialized entirely to spaces. If a blank segment is encountered in a logical record, all subsequent segments in that same record must be left blank.

1464 byte logical record types in detail

Logical record type A—header record

The type A record must provide file identification and control information. The first logical record in each file must be type A, and this type must not occur again within the file. All data elements are mandatory and must be valid, or the file will be rejected.

CPA 1464 byte file format

Logical record type A—header record

Data element	Character position	Data element size	Contents	Format	Data element name
1	1	1	A	Alphanumeric	Logical record type ID
2	2-10	9	00000001	Numeric	Logical record count (fixed length, right justified with leading zeros)
3	11-20	10	21990EEEEE	Alphanumeric	Originators ID (21990=ATB Data

					Centre, E=Profile ID) or enter 11111
4	21-24	4		Numeric	File creation number (fixed length, right justified with leading zeros)
5	25-30	6		Numeric	Creation date (Julian calendar)
6	31-35	5	21990	Numeric	Destination data center (fixed length, right justified)
7	36-55	20		Alphanumeric	Space filled
8	56-58	3		Alphanumeric	Currency code indicator (CAD or USD)
9	59-1464	1406		Alphanumeric	Space filled

Logical record type C—detail record

The type C logical record provides direct deposit data. Each record contains record identification (bytes 1-24) and a maximum of six transaction segments. Each segment describes one direct deposit item (240 bytes each).

Logical record type D—detail record

TheType D logical record provides pre-authorized debit data. Each record contains record identification (bytes 1-24) and a maximum of six transaction segments. Each segment describes one pre-authorized debit item (240 bytes each).

Logical record type C and D—detail records

Data element	Character position	Data element size	Contents	Format	Data element name
1	1	1	C or D	Alpha	Logical record type
2	2-10	9		Numeric	Logical record count (field length, right justified with leading zeros)
3	11-24	14	21990EEEEEFFF	Alphanumeric	Origination control data (21990=ATB Bank number, E=Profile ID, F=File creation number)
4	25-27	3		Numeric	Transaction type (CPA code, fixed length)
5	28-37	10		Numeric	Amount (two implied decimals, fixed length, right justified with leading zeros)
6	38-43	6		Numeric	Date funds to be available (Julian calendar)
7	44-52	9	ОППТТТТ	Numeric	Receiver institutional ID number (I=institution number, T=Transit

					number) (fixed length)
8	53-64	12		Alphanumeric	Receiver account number (left justified, remainder is space filled)
9	65-86	22	219921990FFFFEEEEIIIII	Numeric	Item trace number (2199-direct clearer Id), 21990=ATB Data Centre, F=File creation number, E=Profile ID, I-sequential, number of transactions in file) (zero filled, fixed length)
10	87-89	3	000	Numeric	Stored transaction type (zero filled, fixed length)
11	90-104	15		Alphanumeric	Originator's short name (Sender name) (left justified, remainder is space filled)
12	105-134	30		Alphanumeric	Receiver name (left justified, remainder is space filled)
13	135-164	30		Alphanumeric	Originator's long name (left justified, remainder is space filled)
14	165-174	10		Alphanumeric	Originating direct clearer's user ID (space filled)

15	175-193	19		Alphanumeric	Originator's cross reference number (memo 1), (left justified, remainder is space filled)
16	194-202	9	0219TTTTT	Numeric	Institutional ID number for returns (T=Transit number) (fixed length)
17	203-214	12		Alphanumeric	Account number for returns (left justified, remainder is space filled) ATB will use the return account defined in the EFT Profile.
18	215-229	15		Alphanumeric	Originator's sundry information (memo 2) (left justified, remainder is space filled)
19	230-251	22		Alphanumeric	Space filled
20	252-253	2		Alphanumeric	Originator direct clearer settlement code (space filled)
21	254-264 *	11	0000000000	Numeric	Invalid data element ID (zero filled, fixed length)
	265-1464				Can contain up to five more segments. Any unused portion must be spaced

	filled.
--	---------

^{*}Segments 2 through 6 (same format as Segment 1).

- Element numbers 4–21 above are repeated for each additional segment. The file contains five further deposit segments of 240 bytes each.
- Any unused segments, resulting from non-use of a full record, are to be space filled. A segment containing data may not follow a blank segment within the same record.
- Each segment within a detail record must contain the same logical record type ID (C or D).

Logical record type Z—trailer record

The type Z logical record provides control totals independent of those contained in external labels. The last logical record in each data file must be type Z.

Logical record type Z - trailer record

Data element	Character position	Data element size	Contents	Format	Data element name
1	1	1	Z	Alphanumeric	Logical record type ID
2	2-10	9		Numeric	Logical record count (fixed length, right justified with leading zeros)
3	11-24	14	21990EEEEEFFF FF	Alphanumeric	Originators ID (21990=ATB Data Centre, E= Profile ID) or enter 11111
4	25-38	14		Numeric	Total value of Collect transactions (two implied decimals, fixed length, right justified with leading zeros)
5	39-46	8		Numeric	Total number of Collect transactions (fixed length, right justified with leading zeros)
6	47-60	14		Numeric	Total value of Send transactions two implied decimals (fixed length, right justified with leading zeros)

7	61-68	8	Numeric	Total number of Send transactions (fixed length, right justified with leading zeros)
8	69-1464	1396	Alphanumeric	Space filled

96 byte file format

ATB Financial has developed a 96 byte format for EFTs which is a simplified version of the CPA format.

The information below is listed as it appears in your file.

Logical record types

The ATB 96 byte format uses four record types:

- 1. Logical record type A—provides the file identification and control information and must be the first logical record in each file.
- 2. Logical record type C—records direct deposit credit data.
- 3. Logical record type D—records pre-authorized debit data.
- 4. Logical record type Z—provides control totals and must be the last logical record in each file.

Logical records composition

All files must contain a logical record type A and a logical record type Z.

Each type C or D logical record should contain the information necessary to describe one transaction. The space required to record the pertinent data for any one transaction must be contained in a single segment of a logical record. All segments in the record should have the same length and format.

96 byte logical record types in detail

Logical record type A—header record

Type A logical records must provide file identification and control information. The first logical record in each file must be type A, and this type must not occur again within the file. All data elements are mandatory and must be valid or the file will be rejected.

Header record A

Field name	Character position	Data element size	Data length	Format type	Comment
Transaction type	1-1	1	1	Alphanumeric	Header record "A"
Profile ID	2-6	9	5	Alphanumeric	Profile ID assigned by ATB (fixed length) can be 11111
Customer file number	7-10	14	4	Numeric	0001-9999 (fixed length, right justified with leading zeros)

File creation date	11-16	14	6	Numeric	Use format DDMMMYY
Customer long name	17-46	8	30	Alphanumeric	Customer name (left justified remainder is space filled)
Currency indicator	47-49	14	3	Alphanumeric	CAD or USD (fixed length)
Filler	50-96	8	47	Alphanumeric	Space filled

Logical record type C - detail record

The type C logical record provides direct deposit data. Each record contains record identification for one transaction segment. Each record describes one direct deposit item (96 bytes each).

Logical record type D - detail record

The type D logical record provides pre- authorized debit data. Each record contains record identification for one transaction segment, Each record describes one pre-authorized debit item (96 bytes each).

Detail record (C or D)

Field name	Character position	Data length	Format type	Comment
Transaction type	1	1	Alpha	C or D

Transaction code	2-4	3	Numeric	CPA code
Due date	5-10	6	Numeric	Format DDMMYY
Receiver name	11-40	30	Alphanumeric	Receiver name (left justified, remainder is space filled)
Receiver bank number	41-43	3	Numeric	Institution bank number (fixed length)
Receiver branch number	44-48	5	Numeric	Institution branch number (fixed length)
Receiver account number	49-60	12	Alphanumeric	Account number (left justified, remainder is space filled)
Amount	61-70	10	Numeric	Two implied decimals (fixed length, right justified with leading zeros)
Memo 1- (Cross reference)	71-89	19	Alphanumeric	Left justified, remainder is space filled

Filler	90-96	7	Alphanumeric	Space filled

Logical record type Z—trailer record

The type Z logical record provides control totals independent of those contained in external labels. The last logical record in each data file must be type Z.

Trailer record Z

	T	1	1	
Field name	Character position	Data length	Format type	Comment
Transaction type	1	1	Alpha	Z
Profile ID	2-6	5	Alphanumeric	Profile ID assigned by ATB (fixed length) can be 11111
Customer file number	7-10	4	Numeric	0001-9999 (fixed length, right justified with leading zeros)
File creation date	11-16	6	Numeric	Format DDMMYY. Must match Header record Profile ID or file is rejected.
Total collect amount	17-30	14	Numeric	Total value of collect transactions (two implied decimals, fixed length, right justified with

				leading zeros)
Total collect count	31-38	8	Numeric	Total number of collect transactions (fixed length, right justified with leading zeros)
Total send amount	39-52	14	Numeric	Total value of send transactions (two implied decimals, fixed length, right justified with leading zeros)
Total send count	53-60	8	Numeric	Total number of send transactions (fixed length, right justified with leading zeros)
Filler	61-96	36	Alphanumeric	Space filled

ATB CSV File format

The CSV File format is similar to the ATB 96 byte format except it only contains detailed records. There are no header or trailer records. Though there is a detailed file order.

CSV file layout

Field name	Format	Maximum length	Required or Optional	Validations
Debit/credit	Alphanumeric	1	Required	Debit = collect Credit = send
Transaction code	Numeric	3	Required	CPA code
Amount	Numeric	10	Required	Two implied decimals
Due date	Alphanumeric	6	Required	Format DDMMYY
Memo 2 (Sundry data)	Alphanumeric	15	Optional	Information is sent out with the transaction
Receiver name	Alphanumeric	30	Required	
Memo 1 (Cross reference)	Alphanumeric	16	Optional	Information is sent out with the transaction
Receiver bank number	Alphanumeric	3	Required	Three digit institution number
Receiver transit number	Alphanumeric	5	Required	Five digit branch transit number (five digits are mandatory even if the transit begins with a zero)
Receiver account number	Alphanumeric	12	Required	

Appendix B - EFT file formats & validations

CPA 1464 byte file validations

Under no circumstances should a line feed character be used to delimit records, either by itself or in conjunction with a carriage return character. Each record must be 1464 bytes in length. Text file rules stipulate that:

- Numeric fields must always:
 - be right justified with leading zeros.
 - o be of fixed lengths.
- Alphanumeric fields must always:
 - be left justified with the remaining space filled.

Logical record type A - header record

Data element name	Format	Position	Required or optional	Validations
Logical record type	Alphanumeric	1	Required	Must be type A or the file is rejected.
Logical record count	Numeric	2–10	Required	Must always be '000000001' or the file import will fail.
Originator's ID	Numeric	11-20	Required	Data centre number (five digits, for ATB use 21990) and Profile ID (five digits). The data centre number in the imported file must be 21990 or the file import will fail.
File creation number	Numeric	21-24	Required	Must be 0000 or greater.

Creation date	Numeric	25-30	Required	Must be Julian calendar date or file import will fail.
Destination data centre	Numeric	31–35	Required	Must be 21990 or the file import will fail.
Reserved customer	Alphanumeric	36-55	Required	Must be space filled or file import will fail.
Currency code identifier	Alphanumeric	56-58	Required	Must be CAD or USD or file import will fail.
Filler	Alphanumeric	59-1464	Required	Must be space filled or file import will fail.

Logical record type C and/or D - detail record

Data element name	Format	Position	Required or optional	Validations
Logical record type ID	Alphanumeric	1	Required	Must be type C or D or the file import will fail.
Logical record count	Numeric	2–10	Required	Must be sequential (one greater than the previous record) or the file import will fail.

Origination control data	Numeric	11-24	Required	Data must match header A record or the file is rejected (21990=ATB Data Centre, E=Profile ID number, F=File creation number)
Transaction type	Numeric	25–27	Required	Must be a valid CPA code or the transaction will be rejected.
Amount	Numeric	28-37	Required	Must be greater than \$0 or the file import will fail.
Date funds to be available/due date	Numeric	38-43	Required	Must be Julian calendar date or the file file import will fail.
Institutional ID number	Numeric	44-52	Required	Must be a valid Institution Number and Transit Number (OIIITTTTT) or the transaction will be rejected.
Payee/payer account number	Alphanumeric	53-64	Required	Must be alphanumeric or the file import will fail.
Item trace number	Numeric	65-86	Required	Must have numeric values or be zero filled otherwise the file import will fail.

Stored transaction type	Alphanumeric	87-89	Required	Must be zero filled.
Sender's name (Originator's short name)	Alphanumeric	90-104	Required	Must be alphanumeric.
Payee/payer name	Alphanumeric	105-134	Required	Must be alphanumeric or the file import will fail.
Originator's long name	Alphanumeric	135–164	Required	Must be alphanumeric.
Originating/direct clearing user's ID	Alphanumeric	165–174	Optional	Must be alphanumeric or space filled.
Originator's cross reference number	Alphanumeric	175–193	Optional	Must be alphanumeric or space filled.
Institutional ID number for returns/ original institutional ID number	Numeric	194–202	Optional	Must be numeric.
Account number for returns/original account number	Alphanumeric	203-214	Optional	Must be alphanumeric.
Originator's sundry information	Alphanumeric	215-229	Optional	Must be alphanumeric or space filled.
Filler	Alphanumeric	230-251	Optional	Must be space filled.

Originator—direct clearer settlement code	Alphanumeric	252-253	Optional	Must be alphanumeric or space filled.
Invalid data element ID	Numeric	254-264	Optional	Must be zero filled.

Logical record type Z - trailer record

Data element name	Format	Position	Required or optional	Validations
Logical record type ID=Z	Alphanumeric	1	Required	Must be Z or the file import fails.
Logical record count	Numeric	2-10	Required	Must be one greater than the previous record count or the file file import fails.
Origination control data	Alphanumeric	11-24	Required	Data must match header A record of file is rejected (21990=ATB Data Centre, E=Profile ID number, F=File creation number).
Total value of debit transactions	Numeric	25-38	Required	Totals must be accurate or the file is rejected.

				Zero filled if no transactions.
Total number of debit transactions	Numeric	39–46	Required	Totals must be accurate or the file file import fails. Zero fill if no transactions
Total value of credit transactions	Numeric	47–60	Required	Totals must be accurate or the file file import fails. Zero fill if no transactions.
Total number of credit transactions	Numeric	61-68	Required	Totals must be accurate or the file import fails. Zero fill if no transactions
Filler	Alphanumeric	69–1464	Required	Must be space filled or file import fails.

ATB 96 byte file validations

Under no circumstances should a line feed character be used to delimit records, either by itself or in conjunction with a carriage return character.

Each record length must be 96 bytes in length.

Text file rules stipulate that:

- Numeric fields must always:
 - $\circ\quad$ be right justified with leading zeros.

- o be of fixed lengths.
- Alphanumeric fields must always be left justified with the remainder space filled.

Header record (A)

Field name	Format	Position	Required or optional	Validations
Transaction type	Alphanumeric	1-1	Required	Must be logical record type A or the file file import fails.
Profile ID	Alphanumeric	2-6	Required	Must be a 5 digit alphanumeric or the file import fails. Can be 11111.
Customer file number	Numeric	7-10	Required	Must be greater than 0 or the file import fails.
Customer long name	Alphanumeric	11-16	Required	Must be alphanumeric or the i file import fails.
Currency indicator	Alphanumeric	17-46	Required	Must be either CAD or USD or

				file import fails.
Filler	Alphanumeric	59-96	Required	Must be space filled or the file import fails.

Detail record (C or D)

Field name	Format	Position	Required or optional	Validations
Transaction type	Alphanumeric	1-1	Required	Must be type C or D or the file import fails.
Transaction code	Numeric	2-4	Required	Must be a valid CPA code or the transaction will be rejected.

Due date	Numeric	5-10	Required	Must be a valid date format or the file import fails.
Receiver name	Alphanumeric	11-40	Required	Must be alphanumeric or the file import fails.
Receiver bank number	Numeric	41-43	Required	Must be a valid institution number or the transaction will be rejected.
Receiver branch number	Numeric	44-48	Required	Must be a valid five digit transit number or the transaction will be rejected.
Receiver account number	Alphanumeric	49-60	Required	Must be alphanumeric or the file import fails.

Amount	Numeric	61-70	Required	Must be greater than \$0 with two implied decimals or the file import fails.
Memo 1 (Cross Reference)	Alphanumeric	71-89	Optional	Must be alphanumeric or space filled otherwise the file import fails.
Filler	Alphanumeric	90-96	Required	Must be space filled or the file import fails.

Trailer record (Z)

Field name	Format	Position	Required or optional	Validations
Transaction type	Alphanumeric	1-1	Required	Must be type Z or the file import fails.

	I	1	1	
Profile ID	Numeric	2-6	Required	Profile ID assigned by ATB should match the header record or file import fails. Can be 11111.
Customer file number	Numeric	7-10	Required	00001-99999
File creation date	Numeric	11-16	Required	Use format DDMMYY. Must match the header record.
Total debit amount	Numeric	17-30	Required	Total must be accurate or the file import fails. Zero fill if no transactions.
Total debit count	Numeric	31-38	Required	Total must be accurate or the file import fails. Zero fill if no transactions
Total credit amount	Numeric	39-52	Required	Total must be accurate or file import fails. Zero fill if no

				transactions
Total credit count	Numeric	53-60	Required	Total must be accurate or the file import fails. Zero fill if no transactions
Filler	Alphanumeric	61-96	Required	Must be space filled or the file import fails.

ATB CSV file validations

CSV file rules stipulate that:

- All fields are maximum lengths.
- All fields are separated by a comma.

Field name	Format	Maximum length	Required or optional	Validations
Collect (debit)/ Send (credit) indicator	Alphanumeric	1	Required	Must be a C or D or the file import fails.
Transaction code	Numeric	3	Required	Must be a valid CPA code or the transaction will

				be rejected
Amount	Numeric	10	Required	Must be greater than \$0 with two implied decimals or the file import fails.
Due date	Alphanumeric	6	Required	Must be a valid date format or the file import fails.
Sundry data	Alphanumeric	15	Optional	Must be alphanumeric or space filled or the file import fails.
Receiver name	Alphanumeric	30	Required	Must be alphanumeric or the file import fails.
Cross reference	Alphanumeric	16	Required	Must be alphanumeric or space filled otherwise the file import fails.
Receiver bank number	Alphanumeric	3	Required	Must be a valid bank number and three digits or the transaction will be rejected. import fails.

Receiver transit number	Alphanumeric	5	Required	Must be a valid transit number and five digits or the transaction will be rejected
Receiver account number	Alphanumeric	12	Required	Must be alphanumeric or the file import fails.

Appendix C - EFT file and item status

File level status descriptions

File status	Description
Scheduled	File has been sent for processing.
In progress	File has been received and has passed initial validation checks.
Processed	All transactions in the file have been processed by ATB, either by sending the transactions to the external financial institution or internally processing the EFT transaction request.
Rejected (liquidity)	File has been sent for processing and rejected due to the liquidity limit being exceeded. Liquidity Customers.
Rejected (NSF)	File has been sent for processing and rejected due to the Profile settlement account not having sufficient Funds. Exchange date customers.
Rejected (duplicate)	File has been sent for processing and rejected as a duplicate file.
Rejected	File has been sent for processing and rejected.
Recalled	File was recalled by the customer when the file was awaiting processing.

Item (transaction) level status descriptions

File status	Description
In progress	Item (transaction) is waiting to be processed. Displays in the History Detail screen.
Processed	Item (transaction) has been sent to the other financial institution or has been internally processed. Once an item has left ATB (been exchanged) it's considered processed. Displays in History Detail screen.
Returned	Item (transaction) has been returned. May have been returned due to the transaction being recalled or receivers financial institution returned the item. Displays in the History detail screen and the Returns screen. Returns will display the reason for the return.
Represented	Item(transaction) has been represented by the user.
Auto representment scheduled	Item scheduled to be represented by an automated process
Recalled	Item has not left ATB or been internally processed and has been recalled.
Cancelled	File has been recalled, so transactions are cancelled. Displays in the History Detail screen.

Appendix D - CPA transaction codes

Refer to Payments Canada list of transaction codes: <u>Payments Canada Transaction</u> <u>Codes</u>

Examples:

Payroll - 200

Accounts Payable - 460

Misc. Payments - 450

Cash Mgmt - 420

Appendix E - Julian calendar dates

Julian calendar non-leap year

The Julian calendars are read by selecting a date from the row and a month from the column. They will always appear in the format of 0YYDDD. For example, May 30, 2022 reads as 022150.

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	001	032	060	091	121	152	182	213	244	274	305	335
2	002	033	061	092	122	153	183	214	245	275	306	336
3	003	034	062	093	123	154	184	215	246	276	307	337
4	004	035	063	094	124	155	185	216	247	277	308	338
5	005	036	064	095	125	156	186	217	248	278	309	339
6	006	037	065	096	126	157	187	218	249	279	310	340
7	007	038	066	097	127	158	188	219	250	280	311	341
8	008	039	067	098	128	159	189	220	251	281	312	342
9	009	040	068	099	129	160	190	221	252	282	313	343
10	010	041	069	100	130	161	191	222	253	283	314	344
11	011	042	070	101	131	162	192	223	254	284	315	345
12	012	043	071	102	132	163	193	224	255	285	316	346
13	013	044	072	103	133	164	194	225	256	286	317	347
14	014	045	073	104	134	165	195	226	257	287	318	348
15	015	046	074	105	135	166	196	227	258	288	319	349
16	016	047	075	106	136	167	197	228	259	289	320	350
17	017	048	076	107	137	168	198	229	260	290	321	351
18	018	049	077	108	138	169	199	230	261	291	322	352

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	001	032	060	091	121	152	182	213	244	274	305	335
19	019	050	078	109	139	170	200	231	262	292	323	353
20	020	051	079	110	140	171	201	232	263	293	324	354
21	021	052	080	111	141	172	202	233	264	295	325	355
22	022	053	081	112	142	173	203	234	265	296	326	356
23	023	054	082	113	143	174	204	235	266	297	327	357
24	024	055	083	114	144	175	205	236	267	298	328	358
25	025	056	084	115	145	176	206	237	268	299	329	359
26	026	057	085	116	146	177	207	238	269	300	330	360
27	027	058	086	117	147	178	208	239	270	301	331	361
28	028	059	087	118	148	179	209	240	271	302	332	362
29	029		088	119	149	180	210	241	272	303	333	363
30	030		089	120	150	181	211	242	273	304	334	364
31	031		090		151		212	243				365

Julian calendar leap year

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	001	032	061	092	122	153	183	214	245	275	306	336
2	002	033	062	093	123	154	184	215	246	276	307	337
3	003	034	063	094	124	155	185	216	247	277	308	338
4	004	035	064	095	125	156	186	217	248	278	309	339
5	005	036	065	096	126	157	187	218	249	279	310	340
6	006	037	066	097	127	158	188	219	250	280	311	341
7	007	038	067	098	128	159	189	220	251	281	312	342
8	008	039	068	099	129	160	190	221	252	282	313	343
9	009	040	069	100	130	161	191	222	253	283	314	344
10	010	041	070	101	131	162	192	223	254	284	315	345
11	011	042	071	102	132	163	193	224	255	285	316	346
12	012	043	072	103	133	164	194	225	256	286	317	347
13	013	044	073	104	134	165	195	226	257	287	318	348
14	014	045	074	105	135	166	196	227	258	288	319	349
15	015	046	075	106	136	167	197	228	259	289	320	350
16	016	047	076	107	137	168	198	229	260	290	321	351
17	017	048	077	108	138	169	199	230	261	291	322	352
18	018	049	078	109	139	170	200	231	262	292	323	353
19	019	050	079	110	140	171	201	232	263	293	324	354
20	020	051	080	111	141	172	202	233	264	294	325	355
21	021	052	081	112	142	173	203	234	265	295	326	356
22	022	053	082	113	143	174	204	235	266	296	327	357
23	023	054	083	114	144	175	205	236	267	297	328	358
24	024	055	084	115	145	176	206	237	268	298	329	359

25	025	056	085	116	146	177	207	238	269	299	330	360
26	026	057	086	117	147	178	208	239	270	300	331	361
27	027	058	087	118	148	179	209	240	271	301	332	362
28	028	059	088	119	149	180	210	241	272	302	333	363
29	029	060	089	120	150	181	211	242	273	303	334	364
30	030		090	121	151	182	212	243	274	304	335	365
31	031		091		152		213	244		305		366

Appendix F - File specifications and data dictionary

Payments Canada File Specifications and Data Dictionary

STANDARD 005 Section D Appendix 1

Account number for returns:length 12, alphanumeric, logical record types C & D

Bank account number where all returned funds will be deposited. ATB will use the return account assigned to your profile ID. Can be spaced filled.

Amount: length 10, numeric, logical record type C and D

The value of each transaction in dollars with two implied decimals. This data element must be greater than zero, or the transaction will be rejected. An invalid amount may cause the file to become out of balance, which may also cause the entire file to be rejected.

Creation date, length six, numeric, logical record type A

The creation date of the file should be in Julian calendar date format 0YYDDD where:

• 0 = numeric zero

YY = last two digits of the year

• DDD = day number within the year If the creation date is invalid according to this format, the file will be rejected.

Date funds to be available: length six, numeric, logical record types C and D

The date when funds are available to the payer/payee. The format of this date element is in Julian calendar format 0YYDDD.

If the date does not follow the format above, the file will be rejected. If the date the funds are to be available is post-dated more than 60 days after the creation date, the imported file will fail. If the date the funds are to be available is pre-dated more than 30 days before the creation date, the imported file will fail.

File creation number: length four, numeric, logical record type A

Controls to ensure that all files you create are sequential. This data element must be increased by one each time a file is created. Number will roll over from 9999 to 0001. If the file creation number is duplicated, and all transactions in the file are the same, the file will be rejected.

Filler: various sizes, alphanumeric, all logical record types

An area reserved for future use. Must be space filled.

Institutional ID number for returns:length nine, numeric, logical record types C and D

Bank account number where all returned funds will be deposited. ATB will use the return account assigned to your profile ID. Can be spaced filled.

Invalid data element: length 11, numeric, logical record types C and D

This data element is for ATB Financial use only and must be zero filled.

Item trace number: length 22, numeric, logical record types C and D

This data element is a unique identification number that you assign to each transaction to facilitate tracing. The item trace number, which you assign before forwarding to ATB, can be used in any subsequent reference to that transaction.

Item Trace Number is formatted as 219921990FFFFEEEEERRRRR where:

- 2199 = ATB Document Processing Centre ID number.
- 21990 = ATB Data Centre ID number.
- F = Your four digit file creation number.
- E = Your five digit Profile ID number.

• R = A four digit sequential number of the transactions in the file, each being one greater than the trace number of the previous transaction.

If the item trace number is not used, you must zero fill the field length or the file will be rejected.

Logical record count: length 9, numeric, logical record types A, C, D and Z

A control used to ensure that no records are missing on the file. Logical record type A must have a value of 000000001 or the file will be rejected. All subsequent records must have a value of exactly one greater than the logical record count of the previous logical record or the file will be rejected.

Logical record type: length one, alphanumeric, logical record types A, C, D and Z

A control used to identify the logical record type and must be:

- A = header record—type A
- C = detail record—type C
- D = detail record—type D
- Z = trailer record—type Z

If invalid, the file will be rejected.

Originator direct clearer's settlement code: length two, alphanumeric, logical record types C and D

This data element is for ATB Financial use only and must be space filled.

Origination control data: length 14, alphanumeric, logical record types C, D and Z

Your Profile ID and file creation number as contained in data elements 03 in the header record. The format is 21990EEEEEFFFF, where:

- 21990 = ATB Data Centre ID number
- E = Your five digit Profile ID number
- F = Your four digit file creation number

If invalid, the file will be rejected.

Originator direct clearer settlement code: length two, alphanumeric, logical record types C and D

This data element is for ATB Financial use only and must be space filled.

Originator's cross reference: length 19, alphanumeric, logical record types C and D

Data element that you can use (for example, employee number, policy number, etc.) If unused, length must be space filled.

Originator's ID: length 10, alphanumeric, logical record type A

Your customer number, which identifies you as the originator of the file. The format is 21990EEEEE, where:

- 21990 = ATB Data Centre
- E = Your Profile ID

If invalid, the file will be rejected.

Originator's long name: length 30, alphanumeric, logical record types C and D

Your name, as the originator of the transaction, abbreviated to data element size where necessary. ATB Financial has the option of using this name or the originator's short name when identifying you to your receiver. If this information is missing, the file is rejected.

Originator's short name: length 15, alphanumeric, logical record types C and D

Your name, as the originator of the transaction, abbreviated to data element size where necessary. ATB Financial has the option of using this name or the originator's long name when identifying you to your payee/payer. If this information is missing, the file is rejected.

Originator's sundry information: length 15, alphanumeric, logical record types C and D

This data element can be used to further identify your transactions, for example, pay period, dividend issue, billing period. If unused, length must be space filled.

Receiver account number: length 12, alphanumeric, logical record types C and D

Account number of the receiver at the financial institution where funds are to be Sent (credit)/Collect (debit). The account number may have embedded blanks and/or dashes and need not be included. If this data element is absent, the transaction will be rejected.

Receiver name: length 30, alphanumeric, logical record types C and D

The name of the receiver whose account is to be debited/credited. If this data element is absent, the transaction will be rejected.

Reserved customer: length 20, alphanumeric, logical record type A

This data element is for ATB Financial use only and must be space filled.

Stored transaction type: length three, numeric, logical record types C and D

This data element is for ATB Financial use only and must be space filled.

Total number of credit transactions: length eight, numeric, logical record type Z

This is the total number of credit transactions contained in the file, whether or not the transactions are valid. This data element must be zero filled if the file contains no logical record type C transactions. If the contents of this data element don't equal the number of credit transactions in the file, it will be rejected.

Total number of debit transactions: length eight, numeric, logical record type Z

This is the total number of debit transactions contained in the file, whether or not the transactions are valid. This data element must be zero filled if the file contains no logical record type D transactions. If the contents of this data element don't equal the number of debit transactions in the file, it will be rejected.

Total value of credit transactions: length 14, numeric, logical record type Z

The total value of all credit transactions contained in the file in the logical record type C, whether or not the transactions are valid. Assumes two implied decimal places. This data element must be zero filled if the file contains no logical record type C transactions. If the contents of this data element don't equal the number of credit transactions in the file, it will be rejected.

Total value of debit transactions: length 14, numeric, logical record type Z

The total value of all debit transactions contained in the file in the logical record type D, whether or not the transactions are valid. Assumes two implied decimal places. This data element must be zero filled if the file contains no logical record type D transactions. If the contents of this data element don't equal the number of debit transactions in the file, it will be rejected.

Transaction type: length three, numeric, logical record type C and D

This data element enables you to identify the type of transaction and ATB Financial passes on the transaction type to your payer/payee. If the transaction type is invalid, the transaction will be rejected.

Appendix G - Rejects & Returns

File Rejection reasons

Customer test file
Customer/internal recall requested
Duplicate file received
File format incorrect
File header format incorrect
File trailer format incorrect
File sequence number
Funding account locked
Funding account invalid
Funding account closed
Invalid EFT ID
Liquidity limit exceeded
No funding available
Invalid currency
Unauthorized debit/credit permission

Item return reason code & descriptions

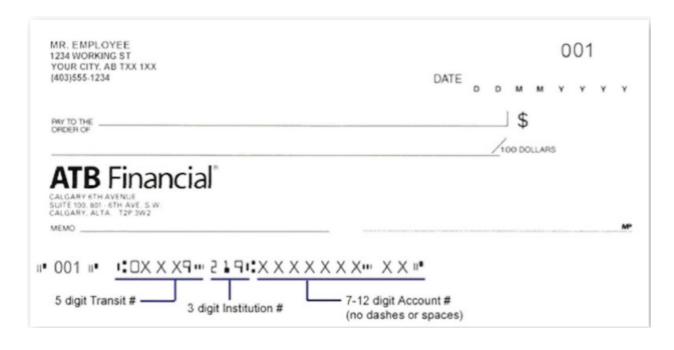
900 Edit reject	
901 NSF (debit only)	
902 Account not found	
903 Payment stopped/recalled	
905 Account closed	
907 No debit allowed	
908 Funds not cleared (debit only)	
909 Currency/account mismatch	
910 Payer/payee deceased	
911 Account frozen	
912 Invalid/incorrect account number	
914 Incorrect payer/payee name	
915 No agreement existed (debit only)	
916 Not according to agreement—personal (debit only)	
917 Agreement revoked—personal (debit only)	
918 No confirmation/pre-notification—personal (debit or	nly)
919 Not according to agreement—business (debit only)	
920 Agreement revoked – business (debit only)	
921 No confirmation/pre-notification—business (debit or	nly)
922 Customer initiated return (credit only)	

900 - Edit Reject data element & description

1	Invalid logical record type ID
2	Invalid logical record count
3	Invalid originator control data
4	Invalid transaction type
5	Invalid amount
6	Invalid date funds available
7	Invalid institutional ID number
8*	Invalid payee/payer account number
9	Invalid item trace number
10	Invalid stored transaction type
11	Invalid originator's short name
12	Invalid payee/payer name
13	Invalid originator's long name
14	Invalid originating direct clearer's user ID
15	Invalid originator's cross reference number
16	Invalid institution ID number for returns/original institutional ID number
17	Invalid account number for returns/original account number
18	Invalid originator's sundry information
19	Invalid original item trace number
20	Invalid originator-direct clearer settlement code
21	Invalid data element ID
60	Original cannot be found error correction/returned transaction
61	Duplicate error correction/returned transaction
62	Originating direct clearer in default

 $^{^*}$ For internal returns only, two reasons (seven and eight) are combined and the description is "Invalid institutional ID number/payee/payor account number."

Appendix H - How to read a cheque



Appendix I - Pre-authorized debits

The CPA mandates that certain elements must appear on your pre-authorized debit agreement. You must submit a sample template for ATB to approve prior to your EFT Service being activated. Your PAD agreement must be available for your clients to use.

Please refer to the CPA website (specifically the "Pre-authorized debits; a guide for billers") for complete details on your obligations (CPA Rule H1).

Refer to Payment Canada for further information and PAD examples: <u>Payments</u> Canada Pre-Authorized Debits

Appendix J - PAD Agreement

Refer to Payment Canada for further information on the H1 rules: <u>Payments</u> Canada Rule H1

The following are the mandatory fields that must be contained in a standard PAD Agreement:

1. Payor Informati	ion	
Payor's Name (Account Number with Street Address		-
City Postal Code	Province	-

PhoneEmail:
2. Payor's Financial Institution
Name of Financial Institution Account number Financial Institution Number Transit Number
3. PAD Category
These services are for: Personal Business Use
4. Amount and Timing
You, the Payor, authorize to debit the bank account identified above for \$ on the of every or next business day. You, the Payor confirm that you have the authority under the terms of your account agreement to authorize this debit. Waiver clause must be displayed prominently (e.g. in bold print, highlighted or underlined) if the at least 10 day prenotification is being waived for change to the amount or timing of the collection.
5. Cancellation agreement
You, the Payor may revoke your authorization at any time (Payee to insert process - e.g. in writing or by phone) subject to providing notice of days (not to exceed 30).
6. Recourse statement
You have certain recourse rights if any debit does not comply with this agreement. You have the right to receive reimbursement for any debit that is not authorized or is not consistent with this PAD agreement. To obtain more information on my recourse rights you may contact my financial Institution or visit www.payments.ca
7. Pavee contact information

(Payee Name)		
Attention XXXX Department		
1234 Main Street, City, Province, Postal Code		
Phone:	Email:	

In addition to the above fields, the following fields are mandatory in the case of one-time PADs, PADs that are submitted on an occasional basis and PADs where a payment service provider is the payee.

One-Time PADs

Your authority is to remain in effect until we complete the one-time payment at which time your PAD agreement will automatically terminate.

Sporadic PAD

Your authorization is required for each and every PAD prior to each PAD being Exchanged and Cleared.

Payment Service Provider as a Payee

The [Payee name] has been contracted by [Entity name providing the goods and services] to debit the account identified. The [Payee name] may appear in the Payor's banking information as the debitor of the PAD.