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- Welcome to this guide for Provisioning Enterprise Payment System (EPS) and Package Platform Concept (PPC) Data through the Informed Visibility® Mail Tracking & Reporting (IV®-MTR) application.
- This guide provides information about:
 - The IV-MTR application
 - Setting up your IV-MTR account to receive EPS/PPC data
 - Modifying and deleting your EPS/PPC queries
 - Data file conventions and characteristics
 - <u>Troubleshooting resources</u>, including tutorial videos, detailed documentation, and the IV Solutions Center
- It also provides high-level guidance for:
 - Delegating data between Customer Registration IDs (CRIDs)
 - Managing servers associated with your IV-MTR account



- Informed Visibility® Mail Tracking & Reporting (IV®-MTR) is an application that allows mailers to receive the following types of Postal data:
 - Mail Tracking (Scan)
 - Event-based data that allows mailers to see where their mail is in the mailstream
 - Enterprise Payment System (EPS)
 - Payment data for:
 - Stamps/Packaging
 - PO Boxes
 - Address Quality services
- Commercial Products & services
- Commercial Shipping Products

- Package Platform Concept (PPC)
 - Physical and payment data for packages
- Mail Quality Data (MQD)
 - Detailed error data from the Mailer Scorecard
- Informed Delivery® Post-Campaign (IDPC) Detailed Data
 - Processing, opens, and click-throughs for Informed Delivery interactive campaigns



- The EPS and PPC data available in IV-MTR is pass-through data that is not generated by IV-MTR itself
 - Please see the data dictionaries for information about the data provided in IV-MTR:
 - EPS Data Dictionary
 - PPC Data Dictionary
- EPS and PPC data in IV-MTR is available through a data feed*
 - Data feeds are subscriptions that allow you to receive data at intervals you select
- EPS/PPC Data Feeds:
 - Provide data from the current date forward
 - Historical EPS and PPC data is currently unavailable in IV-MTR
 - Produce files that can be sent to a server or downloaded online



The data feed output files are described in the table below.

File Format	Delimited (Importable into Excel)			
Description	Text file that allows you to specify the delimiter character			
Available Delivery Methods	Secure File Transfer Protocol (SFTP) server* Online download			

- Delimited files are easily imported into Microsoft Excel. Instructions for completing this task can be found on the <u>Microsoft Office Help Site</u> or in the <u>IV-MTR User Guide</u>.
- Detailed information about the output files, including naming conventions and formatting information, is provided in the <u>File Characteristics & Conventions appendix</u>.

^{*}If using SFTP, be sure to add the IV-MTR-specific IP addresses to your server firewall to ensure your system can receive data from IV-MTR. The IV-MTR IP addresses are available from the IV Solutions Center.

To receive EPS/PPC data through IV-MTR, you need:

- 1. A <u>Business Customer Gateway (BCG)</u> account
- 2. IV-MTR privileges (requested and granted through the BCG)
- 3. EPS/PPC privileges (requested and granted through the BCG*)
- 4. A Business Service Administrator (BSA) to activate your CRID(s) in IV-MTR

Detailed instructions for completing these steps are available in the <u>Applying for Access to IV-MTR</u> training and <u>IV-MTR User Guide</u> document.

- Before proceeding, users must verify they have the correct level of access to create data feeds.
 - Only BSAs, BSA Delegates, and users that have been granted Subscription Manager roles can create and manage data feeds.
 - By default, all users can view existing data feeds.

For more information on the user levels and roles in IV-MTR, please see the <u>IV-MTR User Guide</u>.

^{*}EPS privileges are requested using the instructions <u>here</u>. PPC privileges are part of the core suite of services users receive when signing up for BCG.



The IV-MTR application allows you to access and manage EPS and PPC data for your organization. There are some special scenarios to consider before setting up your data feed(s).

Want to share visibility of your EPS/PPC data with another CRID?

- If your organization has several CRIDS of your own that you would like to track through one account, OR if your organization manages IV-MTR data for other organizations, use the IV-MTR feature of Data Delegation.
- See the <u>Data Delegation appendix</u> for more information.

Only want to share your EPS/PPC data?

- If your organization would like to delegate its EPS/PPC data information to a third party (such as a mail service provider) instead of directly accessing and managing the EPS/PPC information itself, it may not be necessary to register for the IV-MTR service.*
- Contact the <u>IV Solutions Center</u> for more information.



Creating an EPS or PPC Data Feed

Access the IV-MTR Application

Option 1: Directly

- 1. Go to https://iv.usps.com.
- 2. Click Log In and enter your credentials.



Option 2: Through the BCG

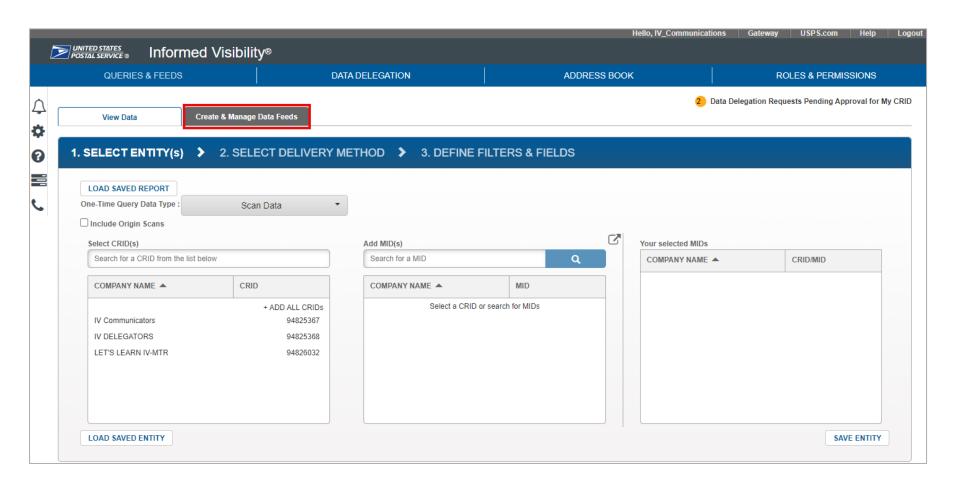
- 1. Log into https://gateway.usps.com.
- 2. Go to Mailing Services > Informed Visibility.
- 3. Click Go to Service.





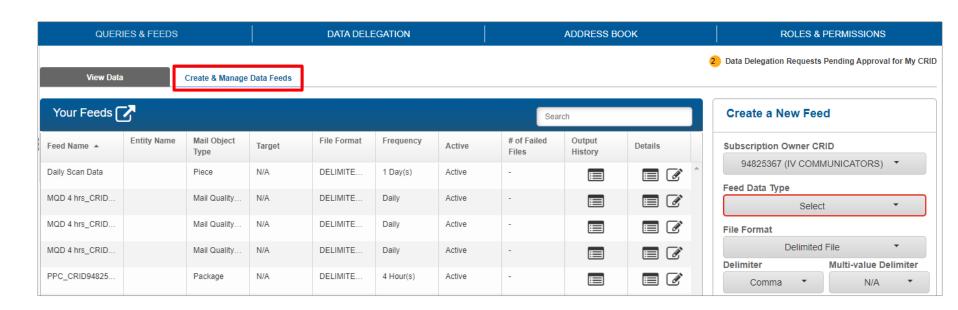


- When you log in to IV-MTR, the homepage (the Queries & Feeds page) appears.
- EPS and PPC data is available through a data feed. To begin setting up a data feed, click the **Create & Manage Data Feeds** tab.



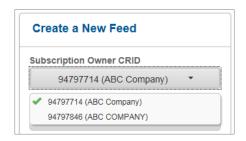


- The Create & Manage Data Feeds screen appears. There are two sections at the top of this page:
 - The Your Feeds section on the left displays existing data feeds. Here you can view or modify
 the details of a data feed and view or retrieve a feed's output history.
 - This area is viewable by all users.
 - The Create a New Feed section on the right is where you create a new data feed.
 - This area is only viewable to BSAs, BSA Delegates, or Subscription Managers.

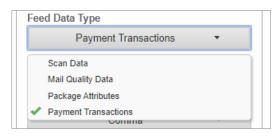




- To create a data feed, locate the **Create a New Feed** section.
 - 1. In the Subscription Owner CRID section, select the CRID the data feed will "belong to"
 - Use the CRID whose IV-MTR BSA, BSA Delegates, and Subscription Managers will be responsible for maintaining the data feed in the future
 - The CRID selected will impacts what entities are available to select in the next screen



- 2. In the **Feed Data Type** section, choose the appropriate data type:
 - EPS = Payment Transactions
 - PPC = Package Attributes



Note: If you do not see the desired data type in the drop down menu, you do not have the necessary privileges from BCG. See the <u>Getting Started</u> slide for information about requesting EPS and PPC privileges.



- 3. The **File Format** section allows you to choose the output file type. Currently, EPS and PPC data feed outputs are only available as **Delimited** files, so that option is selected by default.
- 4. In the **Delimiter** section, you can customize the delimiter you would like. By default, Comma is selected. If you choose "Other", a new field will appear where you can enter the desired character.



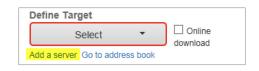
- 5. In the **Define Target** section, select where to send the files. Available options are:
 - Server IV-MTR will push the output files to an SFTP server you choose (see step 5.a)
 - Online Download IV-MTR will display the output files within the IV-MTR application, where you can download them (see step 5.b)



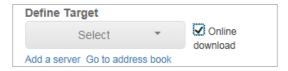


- a. Server download: In the Define Target drop down, select the target server(s)
 - The Define Target drop down is populated with servers already listed in your IV-MTR Address Book. If you need to add a new server to the list, click the **Add a server** link and follow the instructions in the Adding a Server to the Address Book appendix.





- **b.** Online download: Check the box for Online download.
 - This automatically greys out the Define Target option, as a target server is not needed for this option.

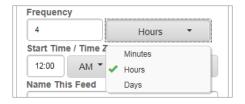




- 6. The **Frequency** section allows you to choose how often you want to receive data from the feed. This section varies based on the data type:
 - a. For EPS data: In the Frequency drop down, select hourly, daily, weekly, or monthly.

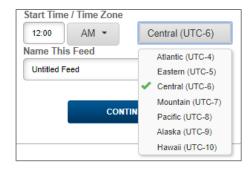


- **b.** For PPC data: In the Frequency field, enter a value and select minutes, hours, or days from the drop down menu.
 - By default, the frequency is set to every 4 hours. However, you can customize this from as often as every minute to as long as every 31 days.





7. In the **Start Time / Time Zone** section, enter a start time, select AM or PM, and select a time zone. The data feed will be active once it is created and will send data according to the selected frequency and start time.



8. In the **Name This Feed** section, enter a name for the data feed. This is how your feed will display in the **Your Feeds** list.

Note: The data type and sub-type, if applicable, are automatically appended to the feed name upon creation. For example, if you name the feed "Data Feed 1" and then select the Commercial Mailings data type on the next screens, the resulting feed name will be "Data Feed 1 Transactions Commercial Mailings".

8. Click Continue.





- The **Select Entity** screen appears. This area allows you to choose what CRIDs/Mailer IDs (MIDs) you will receive data for.
- The **Select CRID(s)** section displays the Subscription Owner CRID and any CRIDs delegated to it.
 - 1. Add CRID(s) using one of the following methods:
 - To add all CRIDs: click +ADD ALL CRIDS
 - To add an individual CRID listed in the window: Click the CRID entry
 - To add an individual CRID from a long list: Use the Search dialog to display the CRID, then click the desired CRID

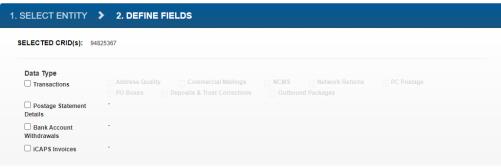
The CRID(s) move(s) to the **Your selected CRIDs** section. Repeat this step as necessary until all desired CRIDs have been added.



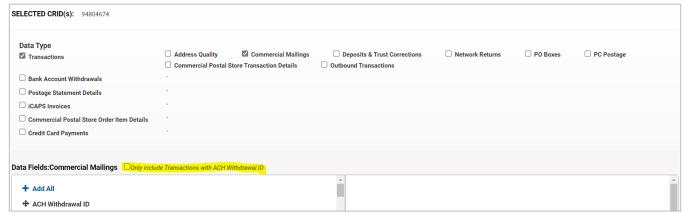
Once all desired CRIDs have been added, click Next Step.

Create a Data Feed: Define Fields

The **Define Fields** area appears. This screen allows you to choose the data types and exact data fields you would like to receive.



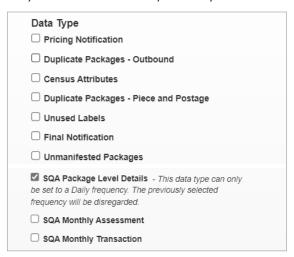
- In the Data Type section, check the box(es) for the data types you would like to receive.
 Once a type is selected, the sub-types (if available) will appear. As you make selections,
 Data Fields sections will appear below the Data Type section.
 - Note: Each box you check will create a separate data feed. In the example below, a Transactions Commercial Mailings feed will be created.
 - ACH Withdrawal ID: Users have the option to only include Transactions with ACH Withdrawal ID for the following data feed sub-types: Commercial Mailings, Network Returns, and Outbound Transactions. When the check box (highlighted below) is selected, Transaction data will be provisioned only if ACH Withdrawal ID is populated.



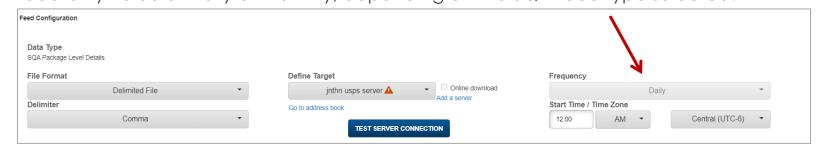


Create a Data Feed: Define Fields

- Statistical Quality Assessment (SQA): The SQA data feeds are limited in frequency to either daily or monthly, depending on the feed type selected.
 - SQA Package Level Details When selected, users will receive a message that states, "This data type can only be set to a Daily frequency. The previously selected frequency will be disregarded."
 - SQA Monthly Assessment, SQA Monthly Transaction When either is selected, users will
 receive a message that states, message "This data type can only be set to a Monthly
 frequency. The previously selected frequency will be disregarded."

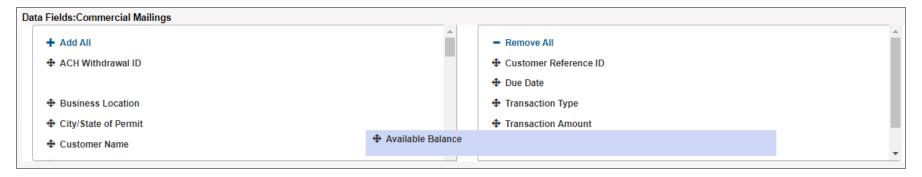


When users view or modify this data feed, the frequency will be automatically set to a read-only value of Daily or Monthly, depending on the SQA feed type selected.

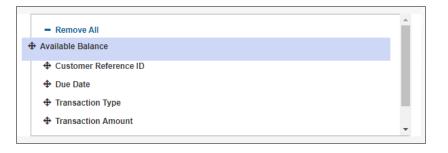




- 2. In the **Data Fields** section, select the data fields to receive for each data type or sub-type.
 - The fields on the left are available to be added, and the fields on the right are already included in your data feed.
 - Drag or double-click fields to move them from one side to the other. To add all available data fields, click + Add All.
 - For details about the data fields themselves, please see the <u>EPS Data Dictionary</u> or the <u>PPC Data Dictionary</u>.



3. Once you have selected the data fields to be included, arrange them in your preferred order by dragging and dropping them on the right side of the **Data Fields** section.





- 4. Repeat the previous steps for each **Data Fields** section on the page.
- 5. Once all the Data Fields sections have been set up, click Create Feed.



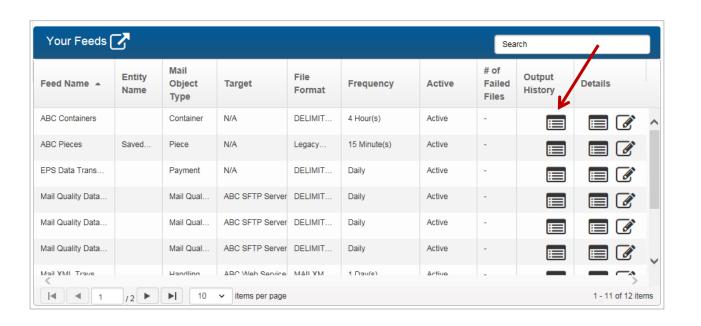
6. A pop-up appears confirming creation of the feed(s).



- 7. Close the window by clicking **OK** or the X icon.
- **Data feed creation is now complete.** The new data feed(s) will appear in the Your Feeds table.
 - For instructions on reviewing the feed's output files, see the next slide.
 - For instructions on managing the data feed, including viewing and modifying its settings, see the Managing Existing Data Feeds section.

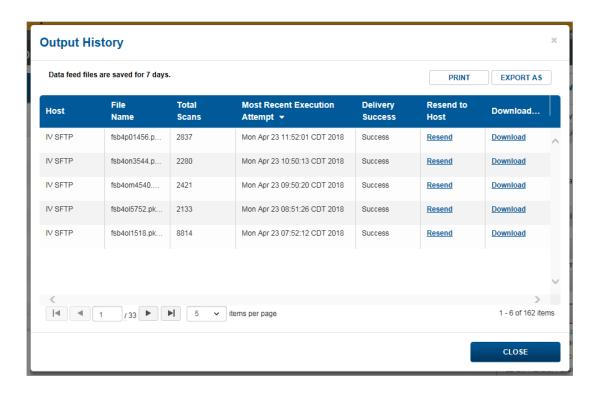


- Data feeds are activated upon creation and begin delivering data according to the selected start time and frequency.
- To retrieve files for a data feed, complete the following:
 - On the Queries and Feeds page, click Create & Manage Data Feeds.
 - On the Create & Manage Data Feed screen, locate the feed in the Your Feeds section.
 - Click the Output History icon for the feed.





- The Output History page for the feed will appear. The output files will appear, including:
 - Delivery information (including a status and link to resend if a server is being used)
 - Download link, which allows you to manually download and view individual files
 - Print dialog, which prints the Output History (but not the files themselves)
 - Export As menu, which exports the Output History (but not actual files) CSV or PDF format





Managing Existing Data Feeds

Reviewing, Modifying, Disabling, and Deleting



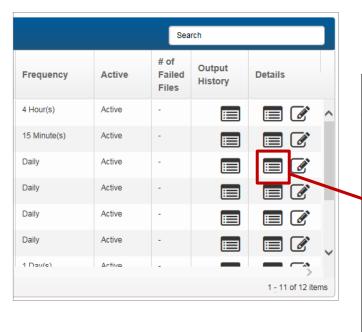
Use the table below to assist in managing existing data feeds.

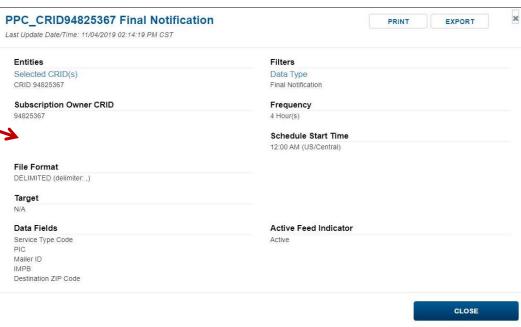
If you want to	See
View the details and settings of a data feed,	Reviewing a Data Feed
Modify an existing data feed,	Modifying a Data Feed
Temporarily turn off a data feed without permanently deleting it,	<u>Disabling a Data Feed</u>
Permanently delete a data feed,	Deleting a Data Feed
Troubleshoot an issue or question about IV-MTR,	<u>Troubleshooting Resources</u>



To view the settings of a data feed, complete the following steps:

- 1. On the Create & Modify Data Feeds screen, locate the feed in the Your Feeds window.
- 2. In the **Details** column, click the feed's **Modify** icon.
- 3. The feed's **Details** page will appear, listing all the settings for the feed.

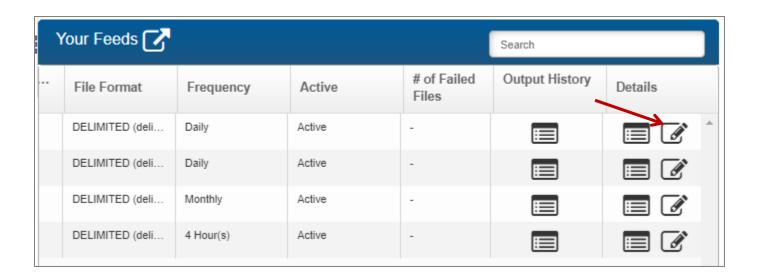






To modify the settings of a data feed, complete the following steps:

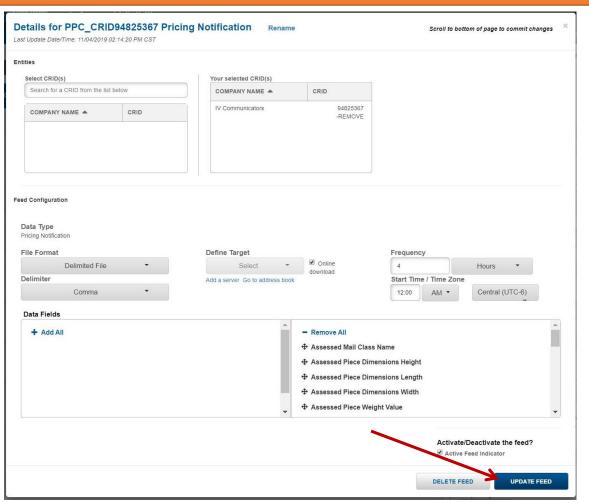
- 1. On the Create & Modify Data Feeds screen, locate the feed in the Your Feeds window.
- 2. In the **Details** column, click the feed's **Modify** icon.





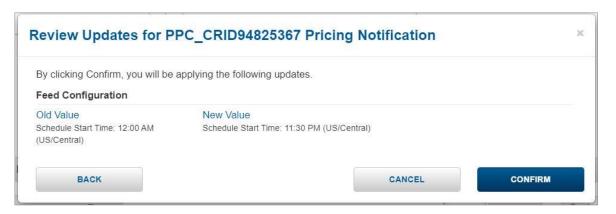
- 3. The feed's **Details** window appears. Make changes as needed.
- Once your changes are complete, scroll to the bottom of the window and click UPDATE FEED.

IMPORTANT: To save changes, you must click **UPDATE FEED**.

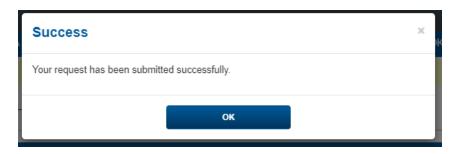




- 5. A **Review Updates** screen will appear, listing the changes made and asking you to confirm they are correct.
 - To accept the changes, click CONFIRM.
 - To make changes, click BACK.
 - To cancel the update altogether, click CANCEL.



6. If you clicked Confirm, a success screen will appear, confirming the changes have been made. Click **OK**.







If you wish to temporarily turn off a data feed but do not want to permanently delete it, you can disable the data feed as follows:

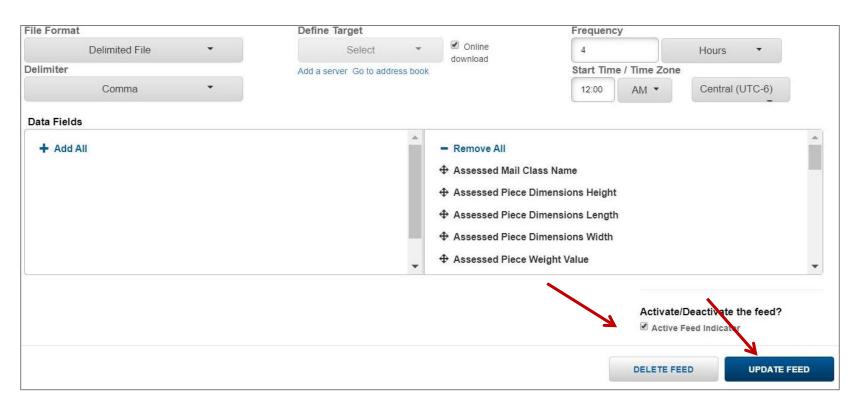
- 1. On the Create & Modify Data Feeds screen, locate the feed in the Your Feeds window.
- 2. In the **Details** column, click the feed's **Modify** icon.

Your Feeds 🕜					Search	
	File Format	Frequency	Active	# of Failed Files	Output History	Details
	DELIMITED (deli	Daily	Active	-		
	DELIMITED (deli	Daily	Active	-		
	DELIMITED (deli	Monthly	Active	-		
	DELIMITED (deli	4 Hour(s)	Active	-		



- 3. The feed's **Details** window appears. Scroll to the **Active/Deactivate the feed** section at the bottom of the page and **uncheck** the **Active Feed Indicator** box.
- Click UPDATE FEED.

IMPORTANT: To save changes, you must click UPDATE FEED.



 The Create & Manage Data Feeds screen will appear. The feed will still be listed in the Your Feeds section, but will not retrieve new data until you re-activate it.



Use the delete functionality when you want to permanently delete a data feed.

IMPORTANT: Data Feed deletion cannot be undone.

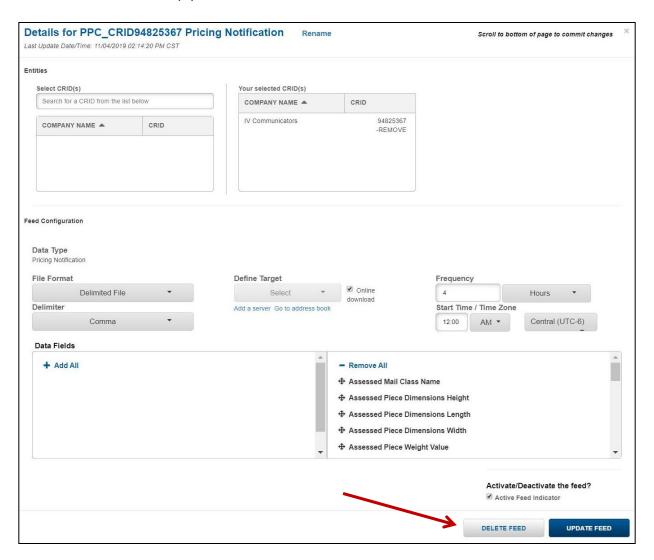
To delete a data feed, complete the following:

- 1. On the Create & Manage Data Feeds screen, locate the feed in the Your Feeds window.
- 2. In the **Details** column, click the feed's **Modify** icon.

Your Feeds 🕜					Search		
	File Format	Frequency	Active	# of Failed Files	Output History	Details	
	DELIMITED (deli	Daily	Active	-			*
	DELIMITED (deli	Daily	Active	-			
	DELIMITED (deli	Monthly	Active	-			
	DELIMITED (deli	4 Hour(s)	Active	-			



3. The feed's **Details** window appears. Scroll to the bottom of the screen and click **DELETE FEED**.



4. A Confirm popup will appear to confirm you want to delete the feed. Click YES.



5. The Create & Manage Data Feeds screen will appear. The feed will no longer be listed in the Your Feeds section.



Troubleshooting Resources

Where to Find Help When You Need It



IV-MTR help is available in three places:

 IV-MTR Application – the Help section of the IV-MTR website hosts the library of BlueTube® videos and provides links to select references on PostalPro



2. <u>PostalProTM IV-MTR page</u> – a knowledge base with all IV-MTR documentation and resources

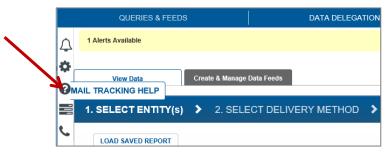


3. IV Solutions Center® (IVSC) – a dedicated group of Help Desk professionals who can assist with any questions

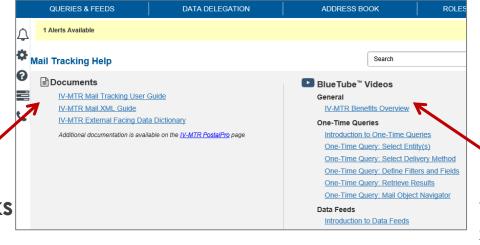




Access the IV-MTR Help Page from within the IV-MTR application by clicking the Question Mark bubble in the Widget Sidebar.



The IV-MTR Help page hosts:



PostalPro
Document links
that give you
direct access to
select PostalPro
select PostalPro

Non-Time Query: Retire Peress and Feeds
One-Time Query: Retire Peress and Feeds
One-Time Query: Retire Peress and Feeds
that provide that provide step-by-step
instruction of walk you the resources

Non-Time Query: Retire Peress and Feeds
that provide step-by-step
instruction of walk you the resources

that provide a library of step-by-step instructional videos that walk you through using



- PostalPro provides a wealth of information about IV-MTR.
 - The <u>EPS through IV-MTR</u> page provides EPS-specific resources, including:
 - <u>EPS Data Dictionary</u> and <u>PPC Data Dictionary</u> (detailed information about the actual data received)
 - EPS User Guide (detailed information about EPS)
 - The <u>IV-MTR PostalPro</u> page provides general information about IV-MTR, including:
 - IV-MTR User Guide (the most in-depth information about IV-MTR)
 - Applying for Access (instructions for setting up a new IV-MTR account)
 - <u>IV-MTR Orientation Training</u> (introduction to the navigation and layout of the application)
 - Release Notes (information about the most recent updates)
 - <u>EPS Data Delegation form</u> and <u>PPC Data Delegation form</u> (needed when coordinating data delegation with the IV Solutions Center)
 - MTAC User Group 4 materials (information about the open forum for USPS representatives and industry leaders to discuss mail visibility)



The IV Solutions Center is available to help answer any questions you have about IV-MTR.

InformedVisibility@usps.gov

1-800-238-3150, Option #2

7 AM to 5 PM CT, Monday through Friday

(closed USPS holidays)





Appendix A



Date	Version	Description
4/26/2022	1.12	 Updated table of Report Names and Codes in Appendix B (slide 47).
3/26/2022	1.11	 Added guidance for Statistical Quality Assessment (SQA), including new screenshots (slide 20).
8/28/2021	1.10	 Added guidance for ACH Withdrawal ID and updated screenshot (slide 19). Updated screenshot to reflect new BCG user interface (slide 10).
11/13/2020	1.9	Expanded data delegation section.
9/11/2020	1.8	 Updated screenshots (slides 19 and 63) showing new EPS data types
6/6/2020	1.7	 Updated screenshots, including IV-MTR homepage (slide 10) and new data types (slide 19). Added IDPC references.
		Updated links to EPS Data Dictionary throughout.
4/25/2020	1.6	 Updated Data Delegated to My CRID slides with new Data Type drop down
		Added Orientation Training link to PostalPro slide
1/10/2020	1.5	 Updated shots for defining fields (slides 19, 56, & 63). Updated links to EPS Data Dictionary throughout.
12/2/2019	1.4.1	 Removed notes about USPS-provided servers being filtered from Define Target drop down menus. Updated PostalPro link.
11/9/2019	1.4	 Updated shots to remove Email Notification and USPS-provided server options. Reorganized content to enhance usability. Added introductory information and expanded resources section. Removed references to unavailable JSON outputs. Updated for clarity throughout.
6/28/2019	1.3	Updated shots on slide 13 for new EPS iCAPS data feed.
		Added Acronym Appendix





Date	Version	Description
2/1/2019	1.2	Added link to Applying for Access to IV-MTR document.
		 Updated instructions for entering the IV-MTR authorization code to reflect the BSA no longer needing to contact the IV Solutions Center for the code.
		Added link to the Package Platform Data Dictionary.
		Updated link to the EPS IV-MTR Data Elements.
		Added PostalPro search term for Package Platform.
10/30/2018	1.1	Added hourly option for EPS data feed frequency.
7/24/2018	1.0	Initial version





Acronym / Abbreviation	Description
BCG	Business Customer Gateway
BSA	Business Service Administrator
CRID	Customer Registration ID
CSV	Comma Separated Value file
EPS	Enterprise Payment System
IDPC	Informed Delivery® Post-Campaign
IV®-MTR	Informed Visibility® Mail Tracking & Reporting
LF	Line Feed
MID	Mailer ID
MQD	Mai Quality Data
PDF	Portable Data File
PPC	Package Platform Concept
SFTP	Secure File Transfer Protocol
TXT	Text file



Appendix B

File Characteristics & Conventions





Delivery Method	Send to Server	Download				
File Extension	TXT	TXT				
Compression	Option for zipped or unzipped	Always zipped				
File Naming Convention	YYYYMMDDhhmmss_CRID_AAA_BB_CC_DDDD.txt*	YYYYMMDDhhmmss_CRID_AAA_BB_CC_DDDD.txt*				
Example File Name	20181207112728_94797714_EPS_AW_HR_2XY4.txt	20181207112728_94797714_EPS_AW_HR_2XY4.txt				
Column Headers	Included	Included				
Delimiter Character	Selected by user	Selected by user				
End of Line Character	Line feed (LF) "\n"	Line feed (LF) "\n"				
Escape Character	"\"	"\"				
Handling of Large Number of RecordsMultiple files created if more than 500,000 recordsMultiple files created if more than 500,000 records		Multiple files created if more than 500,000 records				
In-App Notification When Ready	Not available	Available				
Displayed in Output History	Yes	Yes				
Behavior if No Records	Blank file sent and appears in Output History	Blank file appears in Output History				

^{*} See the next slide for additional details.



File Naming Convention

File name:

YYYYMMDDhhmmss_CRID_AAA_BB_CC_DDDD.txt

Where:

- YYYY = year
- MM = month
- DD = day
- hh = hour
- mm = minutes
- ss = seconds
- CRID = CRID number
- AAA = three letters for the system name (EPS or PPC)
- BB = two letters for the report name
- CC = two letters for the frequency
- DDDD = four alphanumeric characters representing the message ID (e.g., A2WU)

Frequency	Code
Hourly	HR
Daily	DA
Weekly	WK
Monthly	MN
Minutes	MI

Report Name	Code
Pricing Notification	PN
Final Notification	FN
Census Attributes	CA
Duplicate Packages – Outbound	PD
Duplicate Packages - Piece and Postage	MP
Unmanifested Packages	UP
Unused Labels	UL
SQA Monthly Transactions	ST
SQA Package Level Details	SD
SQA Monthly Assessment	SM
Manifest Error	ME
Manifest Auto-Correct	MA
Rejected Manifest Packages	MR
Postage Statement Details	PP
Bank Account Withdrawals	AW
Commercial Mailings	CM
Address Quality	AQ
PC Postage	PC
PO Boxes	PO
Network Returns	NR
Outbound Transactions	DO
Deposits & Trust Corrections	DP
Commercial Postal Store Transaction Details	СР
Commercial Postal Store Order Item Details	CO
iCAPS Invoices	CI
Credit Card Payments	CC



Appendix C

Adding Servers to the Address Book



Adding Servers to the Address Book

To send data to a server or web service, it must be added to the IV-MTR address book. You can add a server before or while creating a data feed.

For instructions on adding a server	See
While you are creating a data feed,	Adding a Server during Feed Setup
Before you begin creating a data feed,	Adding a Server before Feed Setup

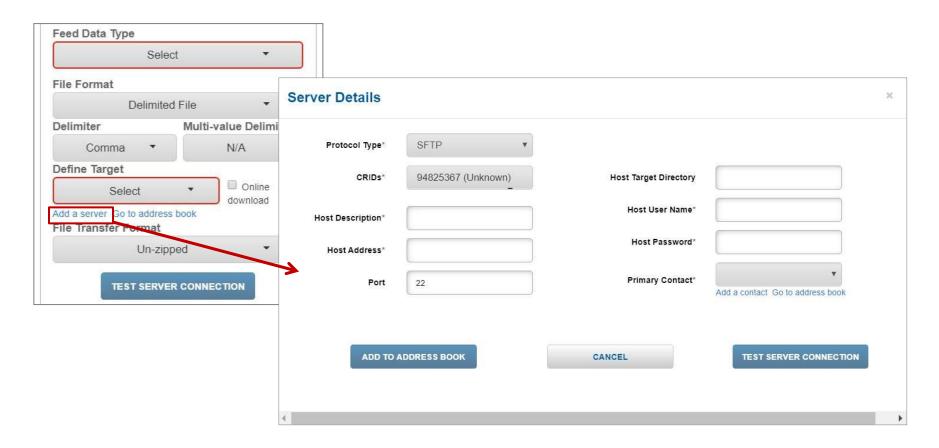
If you would like more information about the IV-MTR Address Book, please see the **IV-MTR User Guide**.



Adding a Server during Feed Setup

To add a server or web service while creating a data feed, under the **Define Target** drop-down, click **Add a Server**. A window opens for you to enter the server details.

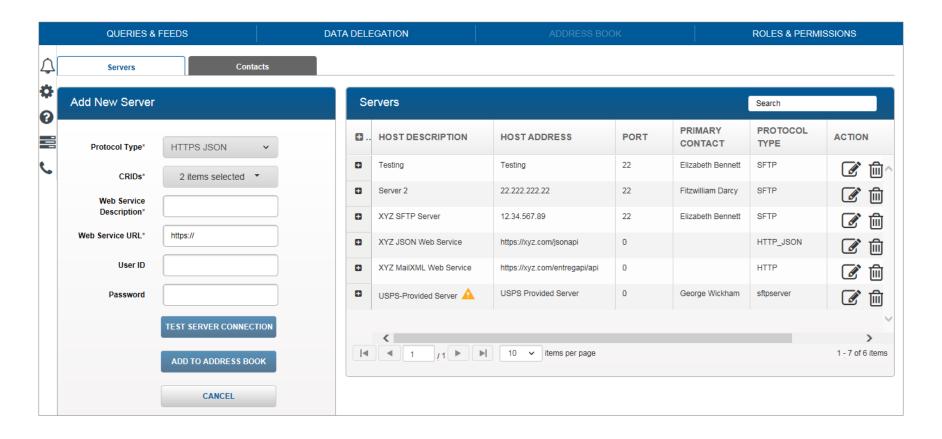
Select the **Protocol Type** and complete the remaining fields. When you are finished, click **Add to Address Book**. The new server or web service is added to your address book and is now available from the **Define Target** menu. <u>Continue with the data feed setup instructions</u>.





Adding a Server before Feed Setup

To add a server or web service <u>before</u> creating a data feed, go to **Address Book** > **Servers**. On the left side of the screen, select the **Protocol Type** and complete the remaining fields. When you are finished, click **Add to Address Book**. The new server or web service is added to your address book and is now available from the **Define Target** menu when you create a data feed.





Appendix D

Data Delegation Overview



Data Delegation is a feature of IV-MTR that allows you to share and receive data with other CRIDs/MIDs and organizations.

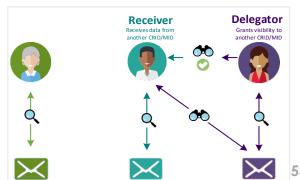
In IV-MTR, each CRID has visibility of its own data.



If you'd like to share data with another CRID, you can do so by creating a data delegation.



The data delegation allows the receiving CRID to create data feeds with your data.





There are two roles in data delegation:

- 1. **Delegator:** The CRID that shares its data with another CRID or MID.
- 2. Receiver: The CRID that receives data from another CRID.

Data Delegation can be initiated by either a delegator or a receiver.

- Instructions for both methods are provided in this section.
- Data can be shared either between CRIDs owned by the same organization (as a means of centralizing data), or between organizations (such as a Mail Owner and a Mail Service Provider).
- If you have any questions about whether data delegation is right for you, please contact the IV Solutions Center.



Data Delegation in IV-MTR hinges on the following:

- Level of Delegation EPS and PPC data is delegated at the CRID-level.
 - This provides visibility of all MIDs current and future for a particular CRID.
- Data Type Shared New data delegations must be created for each data type.
 - This ensures the CRID owner can control what data recipients are allowed to receive.
 - Having a delegation in place for one data type does not affect visibility of any other data types. There is no option for a blanket delegation of all data types.



Data Delegation in IV-MTR hinges on the following:

- Discretion of Delegator Delegating CRIDs have final say on what visibility is shared.
 - Receivers can request the data and dates they prefer, but the delegator can modify any delegation at any time.
 - Receivers can be notified about modifications made to data delegated to them. See the <u>IV-MTR User Guide</u>, section 12.4: Managing Notification Preferences.
 - If a new data type becomes available, the receiving party will need to submit a new data delegation form to receive that data type.
- 4. Manual Updating of Feeds/Reports with Delegated Data Delegated data is not automatically added to existing data feeds or saved reports.
 - After the receiver is granted visibility, they must update any existing data feeds or reports or create new feeds/saved reports manually.
 - Data feeds will only begin delivering data from the time the delegation was approved by the delegators forward (regardless of what dates the receiver requested visibility of).



- The IV-MTR application provides a self-service data delegation area that allows organizations with IV-MTR accounts to share data without having to contact the Postal Service.
 - Instructions for doing this are provided in this section.
 - Only BSAs, BSA Delegates, or Data Delegation Managers can set up delegations.
- However, if one or both of the organizations do not have access to IV-MTR or do not wish to set the delegation up themselves, the IV Solutions Center can help facilitate the delegation.
 - Please contact the IV Solutions Center for more information.
- This appendix provides the essential instructions for setting up EPS/PPC-specific delegations.
 - If you need more detailed information about Data Delegations at any time, see the <u>IV-MTR User Guide</u>.



There are four tabs within the **Data Delegation** area of IV-MTR:



- 1. Request Data Delegation: Allows you to request visibility from another CRID, view the history of your requests, and cancel pending requests.
 - Some functionality on this tab is restricted by user level.
- 2. Manage Data Delegation: Allows you to view the requests you have received from other CRIDs for visibility of your data and approve or deny them. Also allows you to view the full history of data delegations for your CRID's data, including those created by your CRID's users, and modify or delete them as necessary.
 - This tab is restricted by user level (general users cannot view).
- 3. Delegate Data to Others: Allows you to delegate visibility of your data to another CRID.
 - This tab is restricted by user level (general users cannot view).
- 4. Data Delegated to My CRID: Allows you to see the data currently delegated to your CRID and delete any unwanted delegations.
 - Some functionality on this tab is restricted by user level.



To delegate or request EPS/PPC data, you will need the following:

- A BSA, BSA Delegate, or Data Delegation Manager user role
- Delegating CRID(s)
- Receiving CRID(s)
- Dates data will be shared
- IV-MTR service and EPS service (for EPS data) for your CRID
 - Receivers who do not have the EPS service will be unable to use EPS data, even if it is delegated to them.



Use the table below to proceed.

If you want to	Proceed to
Request data from another CRID,	Requesting Data Delegation
View data currently delegated to you,	<u>Viewing Data Delegated to</u> <u>You</u>
Delete data currently delegated to you,	<u>Deleting Data Delegated to</u> <u>You</u>
Delegate data to another CRID,	Delegating Data to Others
Review delegation requests you've received,	Reviewing Data Delegation Requests
Modify or delete data you are currently delegating,	Modifying Existing Delegations



Requesting Data Delegation

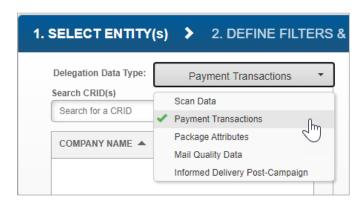
(BSA, BSA Delegate, and Data Delegation Managers Only)



- This section is restricted to BSAs, BSA Delegates, and Data Delegation Managers.
- Follow these steps to request data delegation:
 - 1. Log into IV-MTR and click the **Data Delegation** tab.
 - 2. The Data Delegation area will appear, set to the **Request Data Delegation** tab.

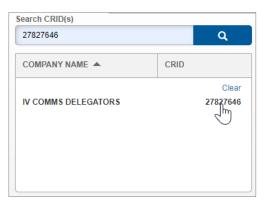


- 3. In the **Delegation Data Type** dropdown, select the appropriate data type:
 - EPS = Payment Transactions
 - PPC = Package Attributes

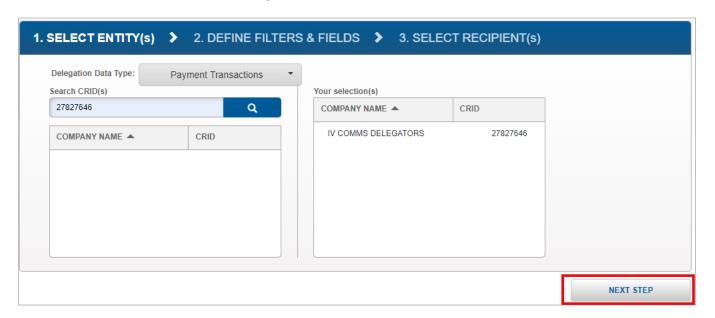




- 4. Use the **Search CRIDs** pane to locate and add the CRIDs you would like visibility for. For best results, use the full CRID.
 - Selected CRIDs will move from the Search CRID(s) pane to the Your selection(s) pane.

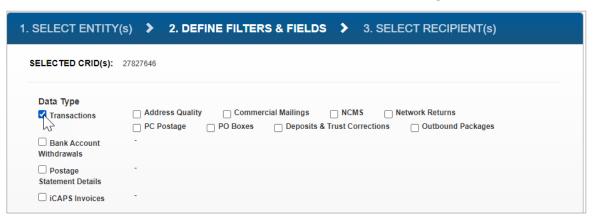


5. When you have finished adding CRIDs, click **NEXT STEP**.





- The Define Filters & Fields page will appear. Check the box(es) for the data types you would like to receive. Once a type is selected, the sub-types (if available) will appear.
 - Note: Each box you check will create a separate delegation.



- 7. In the **Choose Delegation Effective Date Range** section, select the dates you would like visibility for.
 - You cannot select dates in the past.
 - Data feeds will only begin delivering data from the time the delegation was approved by the delegators forward (regardless of what dates the you request visibility for).



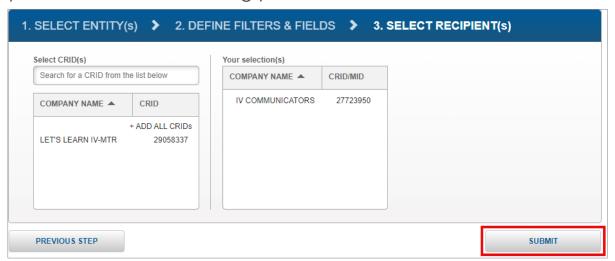
8. When you have chosen your dates, click **NEXT STEP**.



8. The Select Recipient(s) screen will appear. Use the **Select CRID(s)** pane to select the CRIDs that will receive the data. Selected CRIDs will move from the Select CRID(s) pane to the Your selection(s) pane.



9. When you have finished selecting your CRIDs, click **SUBMIT**.

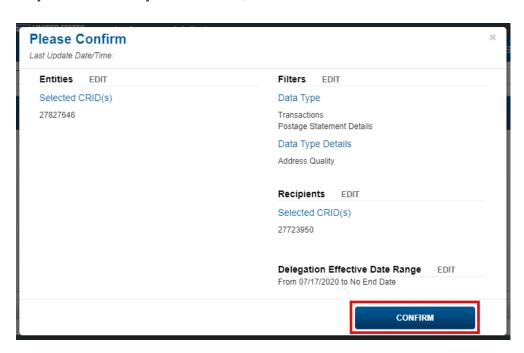




- 10. A confirmation screen will appear. Review the details of your request.
 - **If you need to make changes**, click the **EDIT** link next to the section that needs updates.

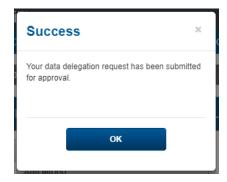


If your request is ready to submit, click CONFIRM.





11. A popup will appear, confirming your request has been submitted. Users of both the receiving and delegating CRIDs will be notified of the request according to their notification settings.



- 12. Your data delegation request is now complete and with the delegators for review.
 - If you would like to review the status of your request, see the next slide.
 - If your request is approved and you would like to begin using the data:
 - Add the delegated CRIDs to your existing EPS/PPC data feeds using the instructions here.
 - Create a new EPS/PPC data feed using the instructions <u>here</u>.



- The Request History table lists all the delegation requests submitted by your CRID(s)/MID(s) and their statuses.
- In this table, you can:
 - Determine a request's status by locating its entry in the STATUS column
 - Note: If your delegation is marked as Pending for an extended period of time, contact
 the delegator or reach out to the <u>IV Solutions Center</u> for assistance.
 - Review the details of a request by clicking its Details = icon.
 - Cancel a request by clicking its Delete icon.
 - Note: Delegation requests cannot be modified after they have been submitted. If you
 need to change something in a request, you must cancel the request and create a
 new one.

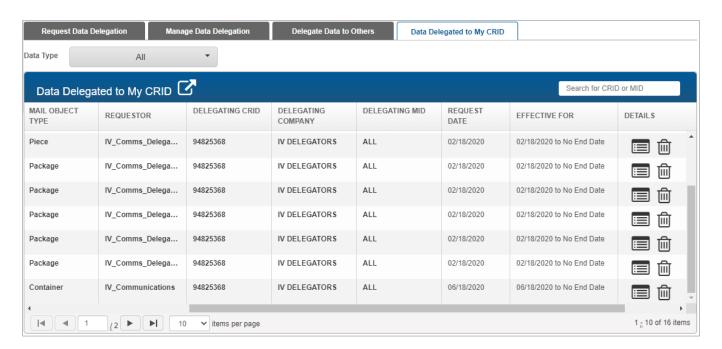
	History									Scaron for	CRID or MID
RECEIVING CRID A	RECEIVING COMPANY	RECEIVING MID	MAIL OBJECT TYPE	REQUESTOR	DELEGATING CRID	DELEGATING COMPANY	DELEGATING MID	REQUEST DATE	EFFECTIVE FOR	STATUS	DETAILS
94825367	IV Commu	ALL	Payment	IV_Commun	94825368	IV DELEGAT	ALL	07/28/2020	07/28/202	Request Pending	
94825367	IV Commu	ALL	Payment	IV_Commun	94825368	IV DELEGAT	ALL	07/28/2020	07/28/202	Request Pending	
94825367	IV Commu	ALL	Payment	IV_Commun	94825368	IV DELEGAT	ALL	02/18/2020	02/18/202	Request Cancel	
94825367	IV Commu	ALL	Container	IV_Commun	94825368	IV DELEGAT	ALL	06/22/2020	06/22/202	Request Rejected	
94825367	IV Commu	ALL	Bundle	IV_Commun	94825368	IV DELEGAT	ALL	06/22/2020	06/22/202	Request Rejected	
94825367	IV Commu	ALL	Handlin	IV_Comms	94825368	IV DELEGAT	ALL	02/18/2020	02/18/202	Request Rejected	
94825367	IV Commu	ALL	Mail Qu	IV_Comms	94825368	IV DELEGAT	ALL	12/05/2019	12/05/201	Request Appro	



Viewing Data Delegated to You



- Follow these steps to view the data other CRIDs are sharing with you:
 - Log into IV-MTR and click the **Data Delegation** tab.
 - In the Data Delegation area, click Data Delegated to My CRID.
 - 3. The Data Delegated to My CRID screen appears, with a table listing all active delegations.
- The **Data Type** drop down allows you to filter delegations records by data type.
 - Note: If you have over 50,000 records, you will be required to choose a data type from the menu before records will display.
- The Export 🗹 icon allows you to download a list of all delegations.
- The Details 🔳 icon allows you to view the details of each delegation.



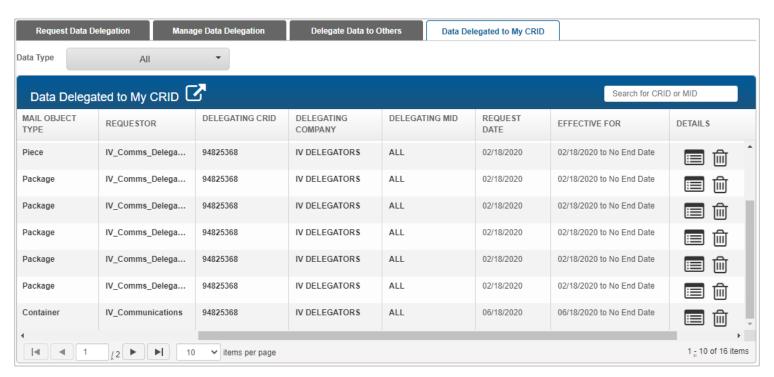


Deleting Data Delegated to You

(BSA, BSA Delegate, and Data Delegation Managers Only)



- This section is restricted to BSAs, BSA Delegates, and Data Delegation Managers.
- If you no longer wish to receive a delegation from another CRID, you can delete it.
 - All deletions are final. If a delegation is deleted by accident, a new delegation must be created.
- To delete an existing delegation, complete the following:
 - 1. Access the **Data Delegated to My CRID** page and locate the delegation in the table.





2. Click the Delete id icon for the delegation's entry. A confirmation pop-up will appear. Click **DELETE**.



3. A success message will appear, confirming that the delegation was deleted. Click **OK**. Once a deletion is made, the change will be reflected within about 15 minutes.





Delegating Data to Others

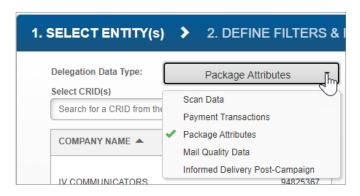
(BSA, BSA Delegate, and Data Delegation Managers Only)



- This section is restricted to BSAs, BSA Delegates, and Data Delegation Managers.
- To begin, access the Delegate Data to Others area of the application:
 - 1. Log into IV-MTR and click the **Data Delegation** tab.
 - 2. In the Data Delegation area, click **Delegate Data to Others**.

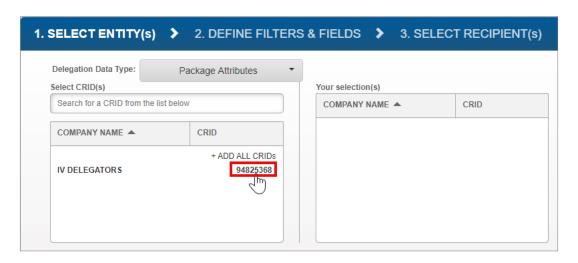


- Follow these steps to delegate data:
 - 1. In the Delegation Data Type dropdown, select the appropriate data type:
 - EPS = Payment Transactions
 - PPC = Package Attributes





2. Use the Select CRID(s) pane to select the CRIDs that will receive the data. Selected CRIDs will move from the Select CRID(s) pane to the Your selection(s) pane.

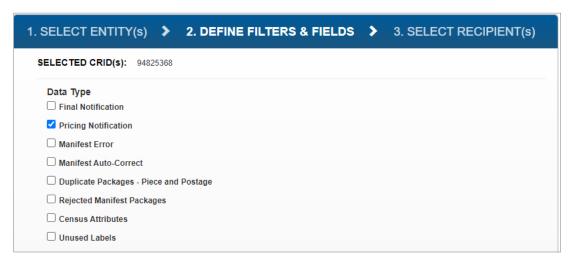


3. When you have finished selecting your CRIDs, click **NEXT STEP**.

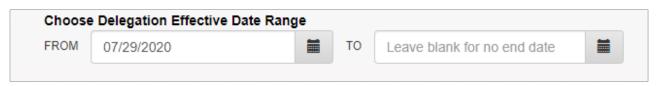




- 4. The Define Filters & Fields page will appear. Check the box(es) for the data types you would like to receive. Once a type is selected, the sub-types (if available) will appear.
 - Note: Each box you check will create a separate delegation.



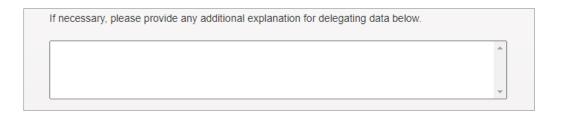
- 5. In the **Choose Delegation Effective Date Range** section, select the dates you would like visibility for.
 - You cannot select dates in the past.
 - Data feeds will only begin delivering data from the time the delegation was approved by the delegators forward (regardless of what dates the you request visibility for).



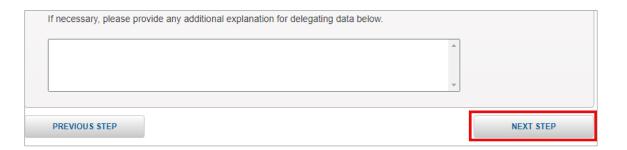




6. Optional: Enter any notes you would like to include with the delegation in the text box.



7. When you have finished, click **NEXT STEP**.

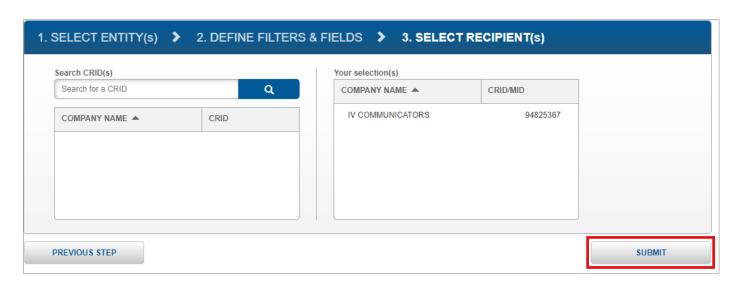




- 8. Use the **Search CRIDs** pane to locate and add the CRIDs you would like to provide visibility to. For best results, use the full CRID.
 - Selected CRIDs will move from the Search CRID(s) pane to the Your selection(s) pane.



9. When you have finished adding CRIDs, click **SUBMIT**.

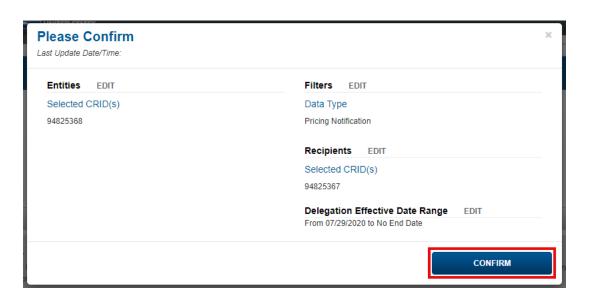




- 10. A confirmation screen will appear. Review the details of your delegation.
 - **If you need to make changes**, click the **EDIT** link next to the section that needs updates.



If your delegation is ready to submit, click CONFIRM.







11. A popup will appear, confirming your delegation has been submitted. Users of both the receiving and delegating CRIDs will be notified of the delegation according to their notification settings.



12. Your data delegation is now complete. The delegation will appear in the Data Delegation Authorization History table on the Manage Data Delegation tab.

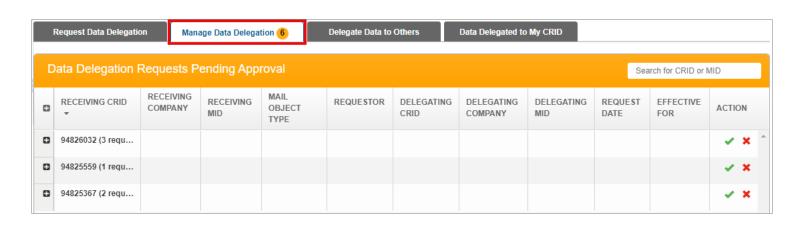


Reviewing Data Delegation Requests

(BSA, BSA Delegate, and Data Delegation Managers Only)



- This section is restricted to BSAs, BSA Delegates, and Data Delegation Managers.
- When another CRID sends a data delegation request to your CRID, a BSA, BSA Delegate, or Data Delegation Manager must review the request and approve or deny it. Instructions are provided in this section.
- To begin, access the Manage Data Delegation area of the application:
 - Log into IV-MTR and click the **Data Delegation** tab.
 - In the Data Delegation area, click Manage Data Delegation.
 - The Manage Data Delegation screen appears, with the number of pending requests listed in the tab and the requests themselves in the Data Delegation Requests Pending Approval table.
 - Requests are grouped by the CRID that is requesting the delegation.





- To review the data delegation requests your CRID has received, follow these steps:
 - 1. To see the lists of requests: Click the expand 1. icon next to a CRID to see its requests.



2. To view details of a request and modify it (if desired): Scroll to the Action column and click the green checkmark ✓ for the request. The request's Details screen will appear, allowing you to review the request and make any modifications you like.



- Proceed as follows:
 - Approving requests
 - Denying requests



To approve requests:

 Individually: Click on the green checkmark for the request and select APPROVE. A success message will appear.



In bulk: Click the green checkmark on the CRID line and select APPROVE.



The requests will appear in the Data Delegation Authorization History table at the bottom of the page. The users of the delegating and receiving CRIDs will be notified according to their notification settings.



NOTE: All denials are final and cannot be undone. If a delegation is denied by accident, a new one must be created.

To deny requests:

Individually: Click on the red X for the request, select a reason for the denial, and click
 SUBMIT. A success message will appear.



In bulk: Click the red X on the CRID line, select a reason for the denial, and click SUBMIT.
 A success message will appear.



The requests will appear in the Data Delegation Authorization History table at the bottom of the page. The users of the delegating and receiving CRIDs will be notified according to their notification settings.



Modifying & Deleting Existing Delegations

(BSA, BSA Delegate, and Data Delegation Managers Only)



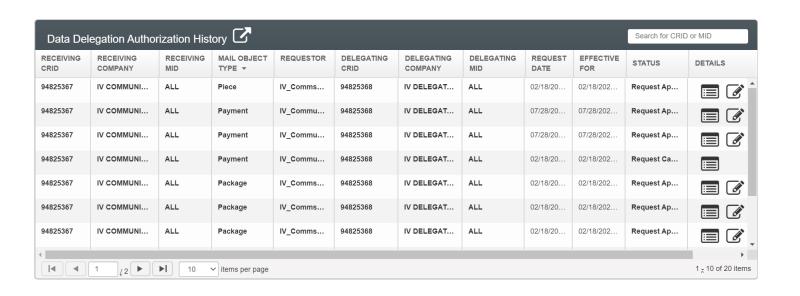
Managing Data Delegated to Others

- This section is restricted to BSAs, BSA Delegates, and Data Delegation Managers.
- Delegators can modify any delegation at any time, for any reason.
 - Any changes made will be effective from the date of modification forward.
- The following modifications are available for EPS/PPC delegations:
 - 1. Updating the end date to a date (today or future)
 - If you would like to update the end date so data is delegated indefinitely, please contact the IV Solutions Center.
- If you would like to change any other aspect of the delegation (including the recipients or data types), a new delegation must be created.
 - If desired, you can delete the existing delegation using the instructions in this section.
- Proceed as follows:
 - Modifying an Existing Delegation
 - Deleting an Existing Delegation





- To modify an existing delegation, complete the following:
 - 1. Access the **Manage Data Delegation** page and locate the delegation in the Data Delegation Authorization History table at the bottom of the page.





- 2. Click the Modify icon for the delegation. A Modify Delegation pop-up will appear, listing the details for the delegation. You can update the end dates as desired. When you have finished, click **UPDATE DELEGATION**.
 - o If you would like to update the end date so data is delegated indefinitely, please contact the IV Solutions Center.

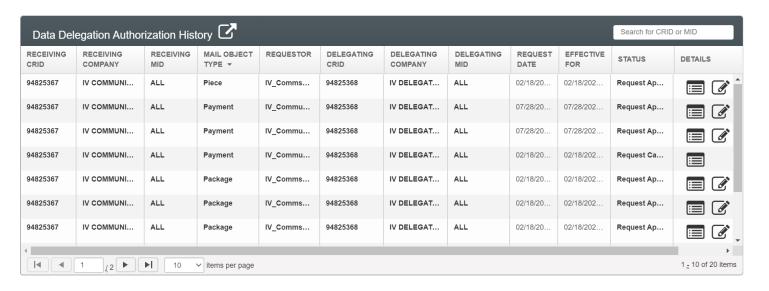


3. A success message will appear. The delegation recipients will be notified of the modifications according to their notification settings.



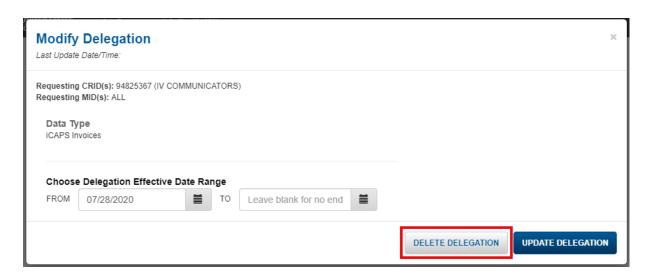


- Delegators can delete any delegation at any time, for any reason.
 - Once a deletion is made, the change will be reflected within about 15 minutes.
 - All deletions are final. If a delegation is deleted by accident, a new delegation must be created.
- To delete an existing delegation, complete the following:
 - 1. Access the **Manage Data Delegation** page and locate the delegation in the Data Delegation Authorization History table at the bottom of the page.





2. Click the Modify icon. A Modify Delegation pop-up will appear, listing the details for the delegation. Click **DELETE DELEGATION**.



3. A Confirm pop-up will appear, listing the CRIDs and MIDs in the delegation. In the **Select Reason(s)** dropdown, choose a reason and click **DELETE**.







4. A success message will appear, confirming that the delegation was deleted. Click **OK**. Once a deletion is made, the change will be reflected within about 15 minutes.

