



May 19, 2008

**Subject: Check 21 Enhancements will be Implemented in the Production Environment
Saturday, May 31, 2008**

The Federal Reserve Banks are pleased to announce four new features that will be available in the production environment to Check 21 customers beginning May 31, 2008. Tumbleweed SecureTransport™ clients please note the two bullets below.

- Tumbleweed SecureTransport clients will be required to modify download scripts to comply with these changes.
- Tumbleweed SecureTransport Linux®/Solaris® customers that use scripting for Check 21 file transfers, please call the Customer Contact Center indicated below for your Federal Reserve District to learn new information on this feature.

Districts 1, 2, 3, 6, 7, 10 please call 888-881-6700.

Districts 4, 5, 8, 9, 11, 12 please call 800-769-3265.

Key Features and Benefits of the New Enhancements

FedLine Web® and SecureTransport Customers

1. ***New Folder Structure for FedReceipt® Files*** - Files will be placed in subfolders based on the routing number of the first cash letter in the file. This will allow customers to prioritize the order in which they download files and confirm cash letters before processing multiple files.

FedLine Web Customers

2. ***Retrieve a Previously Downloaded File*** - As an alternative to calling the Check 21 Help Desk, customers can now select their own files for re-download as a self-service function.

All Customers

3. ***Searchable File History*** - Customers can now search delivery and receipt history using various criteria rather than manually paging through large lists of files.
4. ***Acknowledgement Test/Production Indicator*** – “Test/Production” has been added to file acknowledgements so customers can distinguish test files from production files more easily.

Questions on New Features other than Tumbleweed SecureTransport

Contact Check 21 Customer Support at 800-762-0713.


New Folder Structure for FedReceipt® Files

The file path structure has been enhanced to allow the Federal Reserve Banks to automatically place files in subfolders by client routing number. This will give customers the ability to prioritize the order in which they download and process their files. Files will be placed in subfolders based on the RT found in the first Cash Letter Header Record of each file. Files will continue to be stored in a 'Downloaded' folder after the initial download, but will be placed in subfolders as well.

FedLine Web Customers

The file path structure has been implemented in FedLine Web. Below is an example of how the screen will appear when the 'FedReceipt' button is selected. After selecting the desired RT, customers will be able to view the content before downloading the files as they do today.



	Folder Name	Date & Time
	011100481	May 07 15:11
	101000048	May 06 17:30
	101001021	May 06 17:30

Tumbleweed SecureTransport Customers

Customers using the Tumbleweed SecureTransport Client to transfer files will need to modify their 'download' scripts due to the change in the way files are posted. The following sample scripts will help identify where the change should occur on the specific operating system in question. **Note: The upload process will not change as all files uploaded to the Check 21 system will still be accepted into the /incoming/ directory only.**

Microsoft® Windows® Command-Line Sample Script

Current Download Script Structure – Change Required

- “C:\Program Files\Tumbleweed\STClient\STClient.exe”
https://<HostAddress>/<JunctionName>/outgoing/* c:\<LocalDirectory>\

New Download Script Structure after Directory Structure Modifications

- “C:\Program Files\Tumbleweed\STClient\STClient.exe”
https://<HostAddress>/<JunctionName>/outgoing/cccccccc/*
c:\<LocalDirectory>\

Linux/Solaris Command-Line Sample Script

Current Download Script Structure – Change Required

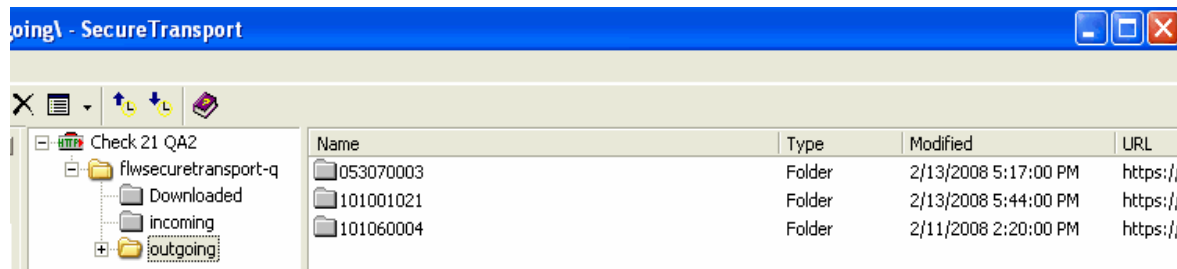
- fdx -i -A -d https://<HostAddress>/<JunctionName>/outgoing/*
/<Local Directory>/*

New Download Script Structure after Directory Structure Modifications

- fdx -i -A -d https://<HostAddress>/<JunctionName>/outgoing/cccccccc/*
/<LocalDirectory>/*

The subfolder labeled 'cccccccc' represents the ABA number of the Client/Cash Letter RT (this is generated by the first Cash Letter Header Record in the file). Customers will need to modify their scripts to download files within each subfolder.

The new folders will appear as below in Secure Transport:



Customer Contact Center for Assistance with Tumbleweed SecureTransport

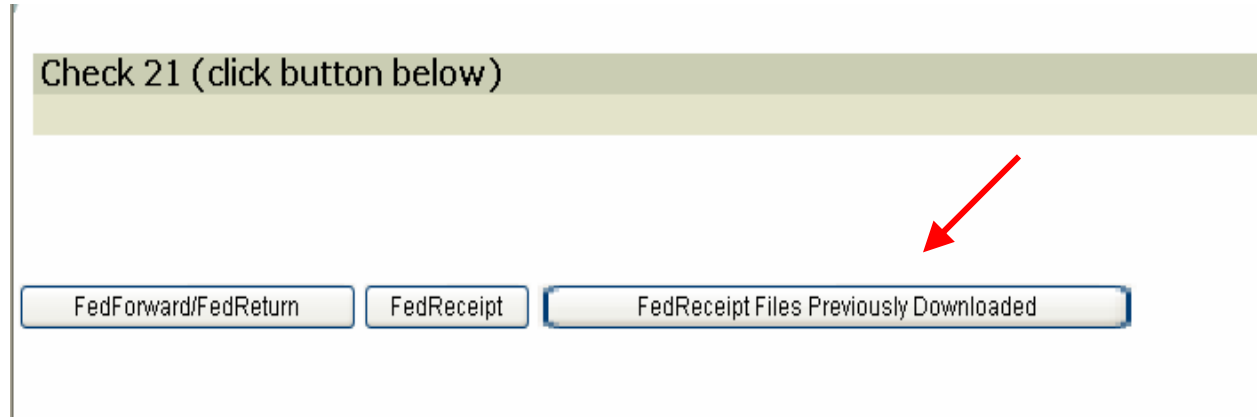
If further assistance is needed in modifying the download scripts, please call the Customer Contact Center for your Federal Reserve Bank District:

Districts 1, 2, 3, 6, 7, 10, please call 888-881-6700.

Districts 4, 5, 8, 9, 11, 12, please call 800-769-3265.

Retrieve a Previously Downloaded File

Files will now be available to download more than once on FedLine Web as an alternative to calling the Check 21 Help Desk for a resend. Customers can access previously downloaded files by clicking a new button.



A pop-up warning message will appear after clicking this button to notify customers these files have been previously downloaded. By clicking 'OK' to this warning, customers are acknowledging the files have been previously downloaded and that they are aware of the need to carefully control against duplicate postings. This feature should only be used when a file is lost, transmission has been interrupted, or a file is unable to be processed.



Note: Time is from Original Download

Download	Filename	Size [B]	Original Download Date & Time
	PBID1.DAT0.PBS.R1010.N0102.D080505.T18300.dat	35112	May 06 12:33

Searchable File History

Search filters have been added to make finding file acknowledgments easier when viewing the 'Delivery History' tab under FedForward®/FedReturn®. Customers can search by Originating ABA, dates going back seven calendar days, and Acknowledgment Status. The new screen for viewing details from uploaded files is below:

File History List - Upload ?

Delivery History | Upload File

Enter the Search Criteria:

FRB Receipt Date:

Originating ABA:

Acknowledgment Status: All Accepted Rejected

773 results found, displaying 1 to 40.

Select	Update Date	File Name	Accept/Reject	Origination ABA	Destination ABA	Total Dollars(\$)	Total Items
	05-05-2008 15:32	PBID1.DAT2.DTM.R1010.N0102.D080313.T23240	Accept	101001021	041000014	355,211.96	796
	05-05-2008 15:32	PBID1.DAT2.DTM.R1010.N0102.D080313.T23160	Accept	101001021	041000014	540,498.80	404
	05-05-2008 15:32	PBID1.DAT2.DTM.R1010.N0102.D080313.T23180	Accept	101001021	041000014	5,788,005.59	360
	05-05-2008 15:32	PBID1.DAT2.DTM.R1010.N0102.D080313.T23170	Accept	101001021	041000014	935,641.30	426
	05-05-2008 15:32	PBID1.DAT2.DTM.R1010.N0102.D080313.T23130	Accept	101001021	041000014	101,987.36	175
	05-05-2008 15:32	PBID1.DAT2.DTM.R1010.N0102.D080313.T23120	Accept	101001021	041000014	1,814,392.93	218

Search filters have also been added to the 'Receipt History' tab under FedReceipt. Seven calendar days are available in the Receipt Date dropdown, and customers can search by the Receiving ABA as shown below:

File History List - Download ?

Receipt History | Download File | Re-Download File

Enter the Search Criteria:

Receipt Date:

Receiving ABA:

1,621 results found, displaying 1 to 40.

Select	Update Date	File Name	Accept/Reject	Origination ABA	Destination ABA	Total Dollars(\$)	Total Items
	05-07-2008 15:06	PBID1.DAT0.PBS.R1010.N0102.D080506.T15041		041000014	101001021	127,500.00	50
	05-06-2008 15:11	PBID1.DAT0.QKL.R1010.N0102.D080506.T15101		041000014	101001021	36,038.58	6
	05-06-2008 09:51	PBID1.DAT0.QKL.R1010.N0102.D080506.T09491		041000014	101001021	38.58	2
	05-03-2008 13:14	PBIB5.DAT0.PBS.R1010.N0102.D080503.T1309E		021305001	101001021	12,413,094.47	5219

Acknowledgement Test/Production Indicator

Test/Production has been added to file acknowledgments so customers can distinguish test files from production files more easily.

Acknowledgement View 

**FEDERAL RESERVE BANK OF CLEVELAND CHECK21 ACKNOWLEDGEMENT
FILE ACCEPTED BY "FRB TEST - PRE PROD SYSTEM"**

**** FRB PRE-PROD TEST **** FRB PRE-PROD TEST **** FRB PRE-PROD TEST **** FRB PRE-PROD TEST ****

File Accept/Reject Accept

File Information

File Name: PBID1.DAT2.DTM.R1010.N0102.D080313.T23240
Destination RT: 041000014
Origination RT: 101001021
FRB Receipt Date: 20080428
FRB Receipt Time: 1217
File Creation Date: 20080313
File Creation Time: 2324
File Id Modifier: 0
File Records: 4934
File Items: 796
File Dollar Amount: 35521196
Cash Letter Count: 1
Is Duplicate: N
Is Override: N

Cash Letter Information

Cash Letter Sequence: 1
Cash Letter Date: 20080313
Cash Letter Time: 2324
Origination RT: 101001021
Dollar Amount: 35521196
Cash Letter ID: 0
Items: 796

Errors

Total Errors: 0
Threshold Errors: 0
Errors Displayed: 0
Errors Per Record Displayed: 0

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