



Version 4.0

Release Notes

May 30, 2008

Financial Management Service



1 Document Scope

This document is designed to introduce the new features of Pay.gov release 4.0. It is intended for individuals who desire an overview of the new features contained in this release, without the level of detail that may be found in other administrative, operational, or development documents.

2 Related Documents

The documents listed below are either referenced in this notice or provide supplemental information. Please contact your FMS representative to obtain them or download them from the Pay.gov agency documentation Web site, located at <https://qa.pay.gov/agencydocs/>. The Web site will be updated with the most current versions of the documents the week of June 9, 2008.

- *Pay.gov Overview Guide*
- *Pay.gov User's Guide*
- *Agency Configuration Template (ACT)*
- *Agency Guide to the Collections Service*
- *Agency Guide to the Forms Service*
- *Agency Guide to Company Profiles*
- *Agency Guide to the Reporting Service*
- *Agency Guide to the Billing Service*
- *Agency Guide to Access Control*
- *Open Collections Interface (OCI) Reference Guide*

3 Overview of Pay.gov

Pay.gov offers four major services:

1. The *Collection Service* collects and processes agency transactions. Pay.gov offers many ways to initiate a collection, including a collection originating from an agency webpage, a collection originating from a form hosted on Pay.gov, or a collection in response to a bill notifying a user of a required payment.
2. The *Forms Service* hosts agency forms. These forms can be configured to closely emulate their paper counterparts, including OMB and agency control numbers, Paperwork Reduction Act and Privacy Act notices, and instructions.
3. The *Billing Service* allows agencies to send out payment due notifications by email. The notification includes a link directing the user to the Pay.gov billing page, where the information can be reviewed and payment can be made.
4. The *Reporting Service* provides users with an extensive range of reports, allowing for transaction reconciliation with reports from other financial applications such as CASHLINK or plastic card settlement agents. Transaction details are available through online reports and downloadable activity files.

4 Release 4.0 Enhancements and Changes

The U.S. Treasury Financial Management Service is pleased to announce the new features that will be delivered with Pay.gov 4.0.

4.1 Application Deployment Windows

Pay.gov 4.0 will be deployed into the production environment on June 29, 2008. The deployment will take place between 2:00 A.M. and 6:00 A.M. Eastern Time; agencies may experience a brief service interruption during this period.

4.2 Trusted Collection Services

We are pleased to announce that the framework for a new communications interface called Trusted Collection Services (TCS) has been completed as part of the Pay.gov 4.0 release. The basic intent of TCS will be to provide agencies with a secure way to connect to Pay.gov using 128-bit SSL encryption, certificate-based authentication, and Web services. The use of industry-standard technologies will eventually allow us to reduce the number of different interfaces Pay.gov offers while greatly simplifying the task of coding an application to communicate with Pay.gov.

While TCS is not available for production use at this time, we wanted to let you know what features we plan to implement over the course of the next several releases. The initial implementation of TCS will consist of three server-to-server interfaces:

- *TCS Single*: Similar to the existing OCI Non-Interactive Single service, TCS Single will allow an agency application to send a single non-interactive collection to Pay.gov for immediate processing.
- *TCS Single Query*: This service will allow an agency application to query Pay.gov on an ad hoc basis for the details and results of a single collections transaction.
- *TCS Date Query*: This service will allow an agency application to query Pay.gov on an ad hoc basis for the results of one or more collections transactions which occurred during a specified twenty-four hour window.

We will keep you informed about our progress with TCS and will share more information about it with you as we near production readiness.

4.3 Access Control

Account numbers will be displayed with asterisks for all except for the last four digits on the following screens:

- Payment account summary
- View plastic card account
- Edit plastic card account
- Edit bank account
- View bank account

This change allows Pay.gov to comply more fully with information security best practices and to improve the protection of Personally Identifying Information (PII).

4.4 Billing Service

Based on user feedback, we have changed the sort order of items on the bill summary page, the pending bills page, and the completed bills page as follows:

1. Bill create date (descending order)
2. Agency application name (ascending order)
3. Bill template name (ascending order)
4. Agency tracking ID (ascending order)

4.5 Reporting

4.5.1 Collection Activity File

The Collection Activity File v2 adds a number of elements for Trusted Collection Services and the Treasury Reporting System (TRS). It has also been reorganized to follow industry-standard best practices for XML coding. The specific changes from the Collection Activity File v1 are described in detail below.

Structure changes:

1. Move `ach_debit` and `credit_card` elements under `file_header`
2. Move `item_detail` under `item_header`

Data changes:

1. Populate TAS element; add BETC, CKeyName, and CKeyValue elements
2. Add `total_force` for plastic card
3. Remove commas from `transaction_amount`
4. Add `batch_paygov_tracking_id`
5. Rename `processor_code` to `authorization_response_code`
6. Add `tcs_return_code`
7. Add `tcs_return_detail`
8. Add `email_address`
9. Add `sec_code` for ach transactions
10. Add `account_type` for ach transactions
11. Add element to identify TCS service
12. Add `routing_transit_number` for ach transactions
13. Mask `account_number` to show last four digits preceded by 12 asterisks
14. Add `csc_result` for plastic card transactions
15. Add `authorization_response_text` for plastic card transactions
16. Add `address_line_2` for plastic card transactions
17. Always show `application_name`
18. Remove `remittance_id` for plastic card transactions
19. Remove `omb_form_number` element
20. Remove `agency_form_number` element
21. Always show `agency_memo` element
22. Show custom collection fields if they are included with a transaction
23. Remove `percent_of_amount` in `file_header`

24. Accommodate multiple items in one debit voucher number

Changes to existing elements:

1. Remove `total_of_all_collections` for ach because it is the same as `total_amount_of_sf215`
2. Rename `cc_type` to `card_type`
3. Add `number_of_sf5515` in the `item_header` for ACH DVNs
4. Change `city`, `state`, and `country` address elements to `billing_city`, `billing_state`, and `billing_country`
5. Rename several existing elements to match TCS parameter names:

Old Element Name	New Element Name
<code>payments_count</code>	<code>recurring_payment_number</code>
<code>number_of_payment</code>	<code>total_recurring_payments</code>
<code>collection_status</code> and <code>status</code>	<code>transaction_status</code>
<code>bank_account_number</code> and <code>cc_no</code>	<code>account_number</code>
<code>total_voided</code>	<code>total_cancelled</code>
<code>count_voided</code>	<code>count_cancelled</code>
<code>event_type</code>	<code>transaction_type</code>
<code>street</code>	<code>billing_address</code>
<code>zip_code</code>	<code>billing_zip</code>
<code>expiration_date</code>	<code>credit_card_expiration_date</code>
<code>return_desc</code>	<code>return_reason_code</code>
<code>file_header</code>	<code>application_item</code>

6. Remove `body_item` element

4.5.2 Online Reporting Changes

This section lists the changes and enhancements made to online reports as part of the Pay.gov 4.0 release.

1. The Credit Card Transaction Detail report displays the following additional data for all transactions: address line 2, country, email address, authorization response text, card security code result, return code, return detail, and service.
2. The ACH Transaction Detail report displays the following additional information for all transactions: bank account number, routing number, account type, email address, return code, return detail, and service.
3. The agency memo field has been removed from the search criteria for the ACH Transaction Search report and the Credit Card Transaction Search report.
4. The maximum duration allowed between the “from” and “to” values for both the transaction dates and the effective dates has been changed to 30 days for the following reports: ACH Transaction Search, Credit Card Transaction Search, Collections Search, and Payer Profile Collections Search.
5. The restriction on how far back a user can search has been removed for the following reports: ACH Transaction Search, Credit Card Transaction Search, Collections Search, and Payer Profile Collections Search
6. Account numbers on the Credit Card Transaction Detail report and the ACH Transaction Detail report will be masked (twelve asterisks followed by the last four digits of the account number).

4.6 Web Page Changes

The FMS Pay.gov agency documentation eRoom was decommissioned on April 30, 2008. Pay.gov agency documentation may now be found on the new documentation Web site located at <https://qa.pay.gov/agencydocs/>.

5 Known Issues

5.1 Open Collections Interface - Interactive

Users who submit transactions to a Pay.gov OCI-interactive application using multiple browser windows on the same machine may trigger an issue which causes the same agency tracking ID to be associated with more than one transaction. The payments associated with the transactions will process correctly; however, agencies may experience issues should they need to refund or cancel a transaction.

Our development team is investigating this issue and we expect it to be resolved in the near future, although not in time for the 4.0 release. In the meantime, we suggest that users working with an OCI-Interactive application should avoid opening multiple Pay.gov sessions on the same machine to prevent this problem from occurring.

6 Customer Service

Customer service is provided by the Federal Reserve Bank of Cleveland. Assistance with accessing the website, hosted forms processing, collections, and so on is provided for agency customers. Technical support is also available for problems such as balancing payments, database integrity, information security, and other issues relating to the smooth operation of the services provided to the agency.

6.1 Contact Information

Mailing address: Federal Reserve Bank of Cleveland
ATTN: eGov Customer Service (Pay.gov)
1455 East Sixth Street
Cleveland, OH 44114

Phone: (800) 624-1373 or (216) 579-2112

DSN: (510) 428-6824, option 4, option 5, option 4

Fax: (216) 579-2813

Email address: pay.gov.clev@clev.frb.org