



# SAM

Shared Accounting Module

**FMS Conference 2012**



# Presentation Overview

- SAM's Purpose & Operating Modes
- Transaction Life-Cycle
- Transition To SAM
- Electronic Training
- SAM Public Website
- SAM Interfaces
- Questions

# SAM's Purpose

- Web-based application that facilitates the process of validating or deriving TAS/BETC data.
- Single touch point for Enterprise Reference Data (ERD)
  - Agency Location Code data
  - TAS/BETC data
  - ABA data

# SAM's Functionality

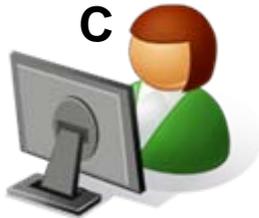
- **Validation** – Verifies TAS/BETC information is valid per the CARS Master Reference Data listing
- **Translation** – Unique data passed to SAM is translated to a corresponding TAS/BETC prior to posting in CARS
- **Default** – Transactions that contain no TAS/BETC or C-Key data or invalid data will post to a predefined default TAS

# Where SAM Fits

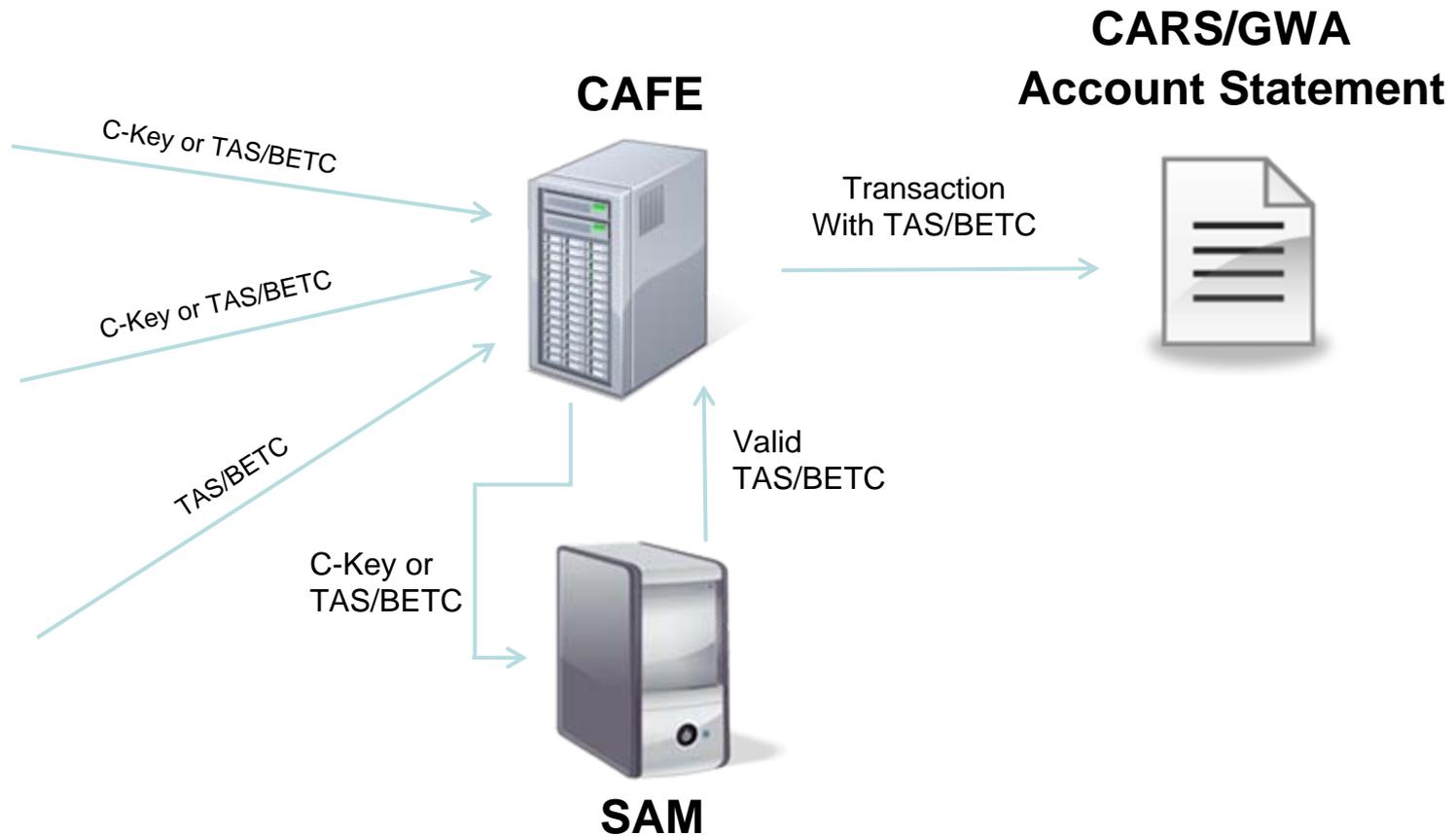
## Collections



IPA  
C



## Payments



# Transition To SAM

# SAM Set Up

- Step 1 Finalize Access Group Structure
- Step 2 Create Cash Flow Profile
- Step 3 Submit User Authorization Form
- Step 4 Provision Additional Users
- Step 5 Establish Default Rules
- Step 6 Upload Cash Flow Profile

# SAM Access Group

- A grouping of one or more ALCs, either in terms of business commonality (e.g., similar accounting rules, business practices, etc.) or for security reasons, to which SAM Users are granted permission.

# Cash Flow Profile (CFP)

- A grouping of business activities with a common set of central accounting rules
- Serves as a crosswalk of an FPA's collections, RITS and TRACS transactions within SAM
- Contains C-Key Name and C-Key Value which point to a TAS/BETC combination

# SAM's CFP Analysis

- Define Classification Keys (C-Keys) in order to map collections transactions to corresponding TAS/BETC
- SAM Team analyzes the collections process for each ALC via conference call
  - Identify collection mechanisms
  - Define TAS/BETC for each collection mechanism C-Key
  - Use data gathered to complete Cash Flow Profile

# C-Key Examples

<u>Mechanism</u>	<u>C-Key Name</u>	<u>C-Key Value</u>
Credit Card	Merchant ID	4445000123456
PAYGOV	PAYGOV ALC+2	9999999901
TRACS	ALC	99999999

# Sample Cash Flow Profile

<b>Cashflow</b>													
<b>Name</b>	ALC 99999999 - Paygov												
<b>Description</b>	This is a PAYGOV Cash Flow Profile												
<b>System Type</b>	Collection												
<b>Access Group Path</b>	Access Group Name												
<b>ALCs</b>	99999999												
<b>Mechanism</b>	PAYGOV												
<b>C-Key Name</b>	PAYGOV ALC+2												
<b>Description</b>	This is a PAYGOV C-Key												
<b>C-Key Value</b>	<b>Description</b>	<b>DIST Rule</b>	<b>SP</b>	<b>ATA</b>	<b>AID</b>	<b>BPOA</b>	<b>EPOA</b>	<b>A</b>	<b>MAIN</b>	<b>SUB</b>	<b>BETC</b>	<b>%</b>	
9999999901	Off Site Location	Credit			099			X	4521	000	COLL	100	
9999999901	Off Site Location	Debit			099			X	4521	000	COLLAJ	100	

# SAM User Roles

Users are defined and granted permission by Access Group

## Mandatory SAM Users

Primary Local Security Administrator (PLSA)

- Provision SAM users
- Add descendent access groups
- One PLSA per Access Group

Cash Flow Administrator (CFA)

- Create and manage Cash Flow Profiles
- Select Access Group Default Rules
- Multiple CFAs permitted

# SAM User Roles

## Optional SAM Users

### Local Security Administrator (LSA)

- Provision SAM users
- Multiple LSAs permitted in an Access Group

### Agency Viewer (AV)

- View Cash Flow Profiles and Access Group Default Rules

### Data Download (DD)

- Download CARS Master Data

# Things To Consider

- Who will be your PLSA and CFA(s)?
- Is your ALC's Access Group finalized?
- Have you worked with the SAM Team to create your Cash Flow Profile?
- When will your ALC be ready to become a CARS pilot reporter?
- Your agency's CFA is required to maintain your Cash Flow Profile once you become a CARS reporter.
- Any additional collection mechanisms added after becoming a CARS reporter will require a new Cash Flow Profile in SAM.
- If you use a fiscal year TAS, you will need to update your Cash Flow Profile in SAM at year end to include your new TAS for the upcoming year.

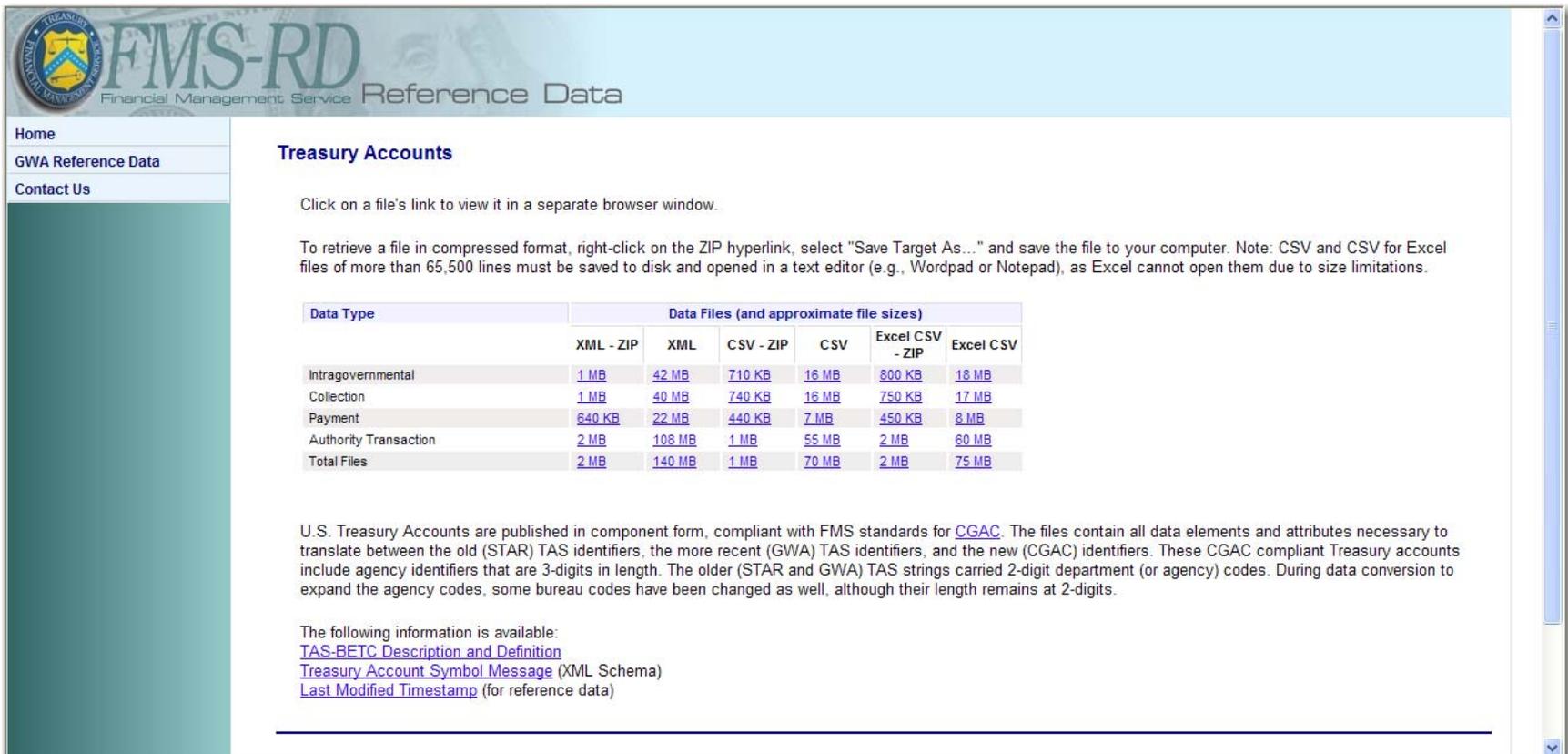
# **Additional SAM Benefits**

# Electronic Training

- SAM offers electronic training modules to help assist users with navigating the system
- Step-by-step video tutorials based on the user role and application functionality

# SAM Public Website

<https://www.sam.fms.treas.gov/sampublic/>



The screenshot shows the SAM Public Website interface. At the top left is the FMS-RD logo with the text "Financial Management Service Reference Data". A navigation menu on the left includes "Home", "GWA Reference Data", and "Contact Us". The main content area is titled "Treasury Accounts" and contains instructions on how to view files and retrieve them in compressed formats. A table lists data types and their approximate file sizes in various formats. Below the table, there is a paragraph explaining the U.S. Treasury Accounts and their compliance with FMS standards. At the bottom, there are links to additional information such as "TAS-BETC Description and Definition", "Treasury Account Symbol Message (XML Schema)", and "Last Modified Timestamp".

**Treasury Accounts**

Click on a file's link to view it in a separate browser window.

To retrieve a file in compressed format, right-click on the ZIP hyperlink, select "Save Target As..." and save the file to your computer. Note: CSV and CSV for Excel files of more than 65,500 lines must be saved to disk and opened in a text editor (e.g., Wordpad or Notepad), as Excel cannot open them due to size limitations.

Data Type	Data Files (and approximate file sizes)					
	XML - ZIP	XML	CSV - ZIP	CSV	Excel CSV - ZIP	Excel CSV
Intragovernmental	<a href="#">1 MB</a>	<a href="#">42 MB</a>	<a href="#">710 KB</a>	<a href="#">16 MB</a>	<a href="#">800 KB</a>	<a href="#">18 MB</a>
Collection	<a href="#">1 MB</a>	<a href="#">40 MB</a>	<a href="#">740 KB</a>	<a href="#">16 MB</a>	<a href="#">750 KB</a>	<a href="#">17 MB</a>
Payment	<a href="#">640 KB</a>	<a href="#">22 MB</a>	<a href="#">440 KB</a>	<a href="#">7 MB</a>	<a href="#">450 KB</a>	<a href="#">8 MB</a>
Authority Transaction	<a href="#">2 MB</a>	<a href="#">108 MB</a>	<a href="#">1 MB</a>	<a href="#">55 MB</a>	<a href="#">2 MB</a>	<a href="#">80 MB</a>
Total Files	<a href="#">2 MB</a>	<a href="#">140 MB</a>	<a href="#">1 MB</a>	<a href="#">70 MB</a>	<a href="#">2 MB</a>	<a href="#">75 MB</a>

U.S. Treasury Accounts are published in component form, compliant with FMS standards for [CGAC](#). The files contain all data elements and attributes necessary to translate between the old (STAR) TAS identifiers, the more recent (GWA) TAS identifiers, and the new (CGAC) identifiers. These CGAC compliant Treasury accounts include agency identifiers that are 3-digits in length. The older (STAR and GWA) TAS strings carried 2-digit department (or agency) codes. During data conversion to expand the agency codes, some bureau codes have been changed as well, although their length remains at 2-digits.

The following information is available:

- [TAS-BETC Description and Definition](#)
- [Treasury Account Symbol Message \(XML Schema\)](#)
- [Last Modified Timestamp](#) (for reference data)

# Listing of Valid TAS/BETC

2	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
SP	ATA	AID	BPOA	EPOA	A	MAIN	SUB	Admin Bu	GWA TAS	GWA TAS	Agency Name	BETC	BETC Nam	Effective	Suspend	IsCredit	
53047		097	2009	2009		0144	000	00	97090144	MINE RESI	DEPARTMENT OF DEFENSE	COLL	Offsetting	2008-10-0		1	
53048		097	2009	2009		0144	000	00	97090144	MINE RESI	DEPARTMENT OF DEFENSE	COLLAJ	Adjustme	2008-10-0		0	
53049		097	2009	2009		0144	000	00	97090144	MINE RESI	DEPARTMENT OF DEFENSE	DISB	Gross Disk	2008-10-0		0	
53050		097	2009	2009		0144	000	00	97090144	MINE RESI	DEPARTMENT OF DEFENSE	DISBAJ	Adjustme	2008-10-0		1	
53051		097	2009	2010		0144	000	00	9709/100144	MINE RESI	DEPARTMENT OF DEFENSE	COLL	Offsetting	2008-10-0		1	
53052		097	2009	2010		0144	000	00	9709/100144	MINE RESI	DEPARTMENT OF DEFENSE	COLLAJ	Adjustme	2008-10-0		0	
53053		097	2009	2010		0144	000	00	9709/100144	MINE RESI	DEPARTMENT OF DEFENSE	DISB	Gross Disk	2008-10-0		0	
53054		097	2009	2010		0144	000	00	9709/100144	MINE RESI	DEPARTMENT OF DEFENSE	DISBAJ	Adjustme	2008-10-0		1	
53055		097	2010	2010		0144	000	00	97100144	MINE RESI	DEPARTMENT OF DEFENSE	COLL	Offsetting	2009-10-0		1	
53056		097	2010	2010		0144	000	00	97100144	MINE RESI	DEPARTMENT OF DEFENSE	COLLAJ	Adjustme	2009-10-0		0	
53057		097	2010	2010		0144	000	00	97100144	MINE RESI	DEPARTMENT OF DEFENSE	DISB	Gross Disk	2009-10-0		0	
53058		097	2010	2010		0144	000	00	97100144	MINE RESI	DEPARTMENT OF DEFENSE	DISBAJ	Adjustme	2009-10-0		1	
53059		097	2010	2011		0144	000	00	9710/110144	MINE RESI	DEPARTMENT OF DEFENSE	COLL	Offsetting	2009-10-0		1	
53060		097	2010	2011		0144	000	00	9710/110144	MINE RESI	DEPARTMENT OF DEFENSE	COLLAJ	Adjustme	2009-10-0		0	
53061		097	2010	2011		0144	000	00	9710/110144	MINE RESI	DEPARTMENT OF DEFENSE	DISB	Gross Disk	2009-10-0		0	
53062		097	2010	2011		0144	000	00	9710/110144	MINE RESI	DEPARTMENT OF DEFENSE	DISBAJ	Adjustme	2009-10-0		1	
53063		097	2011	2012		0144	000	00	9711/120144	MINE RESI	DEPARTMENT OF DEFENSE	COLL	Offsetting	2010-10-0		1	
53064		097	2011	2012		0144	000	00	9711/120144	MINE RESI	DEPARTMENT OF DEFENSE	COLLAJ	Adjustme	2010-10-0		0	
53065		097	2011	2012		0144	000	00	9711/120144	MINE RESI	DEPARTMENT OF DEFENSE	DISB	Gross Disk	2010-10-0		0	
53066		097	2011	2012		0144	000	00	9711/120144	MINE RESI	DEPARTMENT OF DEFENSE	DISBAJ	Adjustme	2010-10-0		1	
53067		097	2009	2010		0150	000	00	9709/100150	DEFENSE I	DEPARTMENT OF DEFENSE	COLL	Offsetting	2008-10-0		1	
53068		097	2009	2010		0150	000	00	9709/100150	DEFENSE I	DEPARTMENT OF DEFENSE	COLLAJ	Adjustme	2008-10-0		0	
53069		097	2009	2010		0150	000	00	9709/100150	DEFENSE I	DEPARTMENT OF DEFENSE	DISB	Gross Disk	2008-10-0		0	
53070		097	2009	2010		0150	000	00	9709/100150	DEFENSE I	DEPARTMENT OF DEFENSE	DISBAJ	Adjustme	2008-10-0		1	
53071		097	2004	2006		0300	000	00	9704/060300	PROCUREI	DEPARTMENT OF DEFENSE	COLL	Offsetting	2003-10-0		1	
53072		097	2004	2006		0300	000	00	9704/060300	PROCUREI	DEPARTMENT OF DEFENSE	COLLAJ	Adjustme	2003-10-0		0	

# Crosswalk String TAS to Standard Component TAS

A	B	C	D	E	F	G	H	I	J
SP	ATA	AID	BPOA	EPOA	A	MAIN	SUB	Admin Bu	GWA TAS
		097	2011	2012		0144	000	00	9711/120144

# Enterprise Reference Data

- SAM provides Enterprise Reference Data (ERD) to Business Partners
  - SAM receives nightly file from CARS with ALC and TAS/BETC data
  - SAM sends ALC, TAS/BETC and ABA data to Business Partners
  - For more information please download the Trading Partner Integration Guide at the following link - [http://fms.treas.gov/sam/ent\\_ref\\_data.html](http://fms.treas.gov/sam/ent_ref_data.html)
- SAM sends ERD via:
  - Email
  - File Drop
  - Message Queue
  - Web Service (preference)

# SAM Contact Information

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Beckie White	(314) 444.6248
Teresa Wright	(314) 444.4274

**FMS Website:** <http://fms.treas.gov/sam/>  
**SAM Website:** <http://sam.fms.treas.gov/>  
**Public Website:** <http://sam.fms.treas.gov/sampublic/>  
**Shared Email:** [sam.conversion@stls.frb.org](mailto:sam.conversion@stls.frb.org)

# Questions?

