



Post Payment System (PPS)

Agency Readiness for 2016 and Beyond

Fiscal Service - Payment Management

Gerard Duffey

Payment Management Agency Outreach - August 2016

Objectives

- Review functionality for Release 3.0 and 4.0
 - Know what's coming, and when
 - Understand impacts to your operations and systems
- Review the testing approach
 - Understand the test methodology and mechanics
 - Start thinking about test scenarios and data requirements
 - Begin testing this summer

PPS is about to become real for agencies!

Post Payment System (PPS) Overview

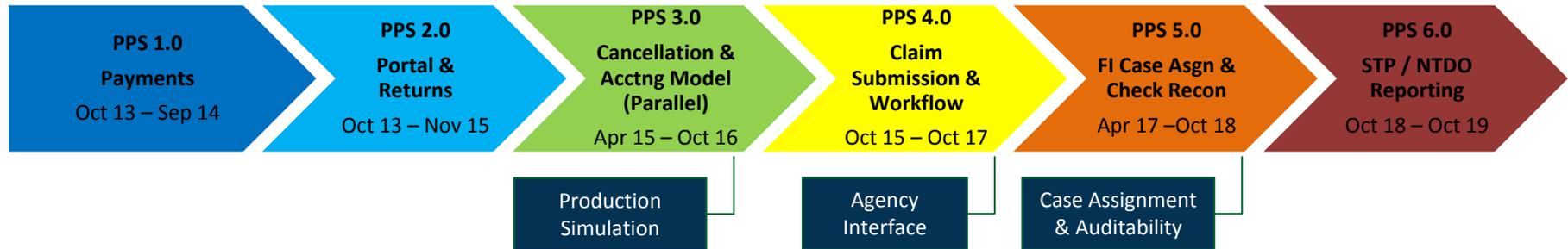
What will PPS do?

- Provide Agencies and Financial Institutions a single, all-inclusive system
- More Effective Delivery of Post Payment Services
- More Efficient Funds Recovery (\$12 Billion+/year)
- Improved Payment Integrity
- Customer-driven Functionality (queries/reports)
- Government wide cost savings, productivity gains
- Elimination of 1.5M+ pages of paper annually
- Enhanced internal controls
- FIPS-199 (High) designation to protect PII

PPS will replace the following legacy systems:

- PACER
- TCIS (30k+ Users)
- Teletrace
- TRACS
- TOP Control System (TCS)

PPS Implementation Plan



<u>Release</u>	<u>Content</u>	<u>Major Business Processes</u>	
1.0 September 2014	Payments	<ul style="list-style-type: none"> Payment and Payee objects loaded PFC query and fraud detection capabilities 	
2.0 November 2015	Portal & Check Returns	<ul style="list-style-type: none"> Check returns and paper reduction Basic portal functions 	
3.0 October 2016	Cancellations & Accounting Model	<ul style="list-style-type: none"> Production simulation & validate accounting model Payee history, research, and analysis 	
4.0 October 2017	Claims Submission & Workflow	<ul style="list-style-type: none"> System of record (Payments, Cancellations, Claims) Workflows for claims and paper reduction Decommission TCS, TRACS, Teletrace, TCIS IV 	
5.0 October 2018	Agency/FI Case Assignment & Check Reconciliation	<ul style="list-style-type: none"> Case assignment for agencies and FIs Major productivity gains and cost savings Decommission TCIS and PACER 	All legacy systems decommissioned
6.0 October 2019	STP & NTDO Reporting	<ul style="list-style-type: none"> Payment voucher reporting Enhanced case assignment and fraud research 	Steady state after 6.0

Release 3.0

- Cancellations
 - Review transactions
 - Process Flow
 - Schedules / Accounting documents
- Common File
- Portal
 - Daily Cancellation Report
 - Sample query screens

Address outstanding questions related to Release 3.0 Functions

Release 3.0 – October 2016

PPS Release 3.0 has two primary focuses:

1. Production Simulation of Consolidation Accounting Model
2. Implementation of “Common Cancellation Format”

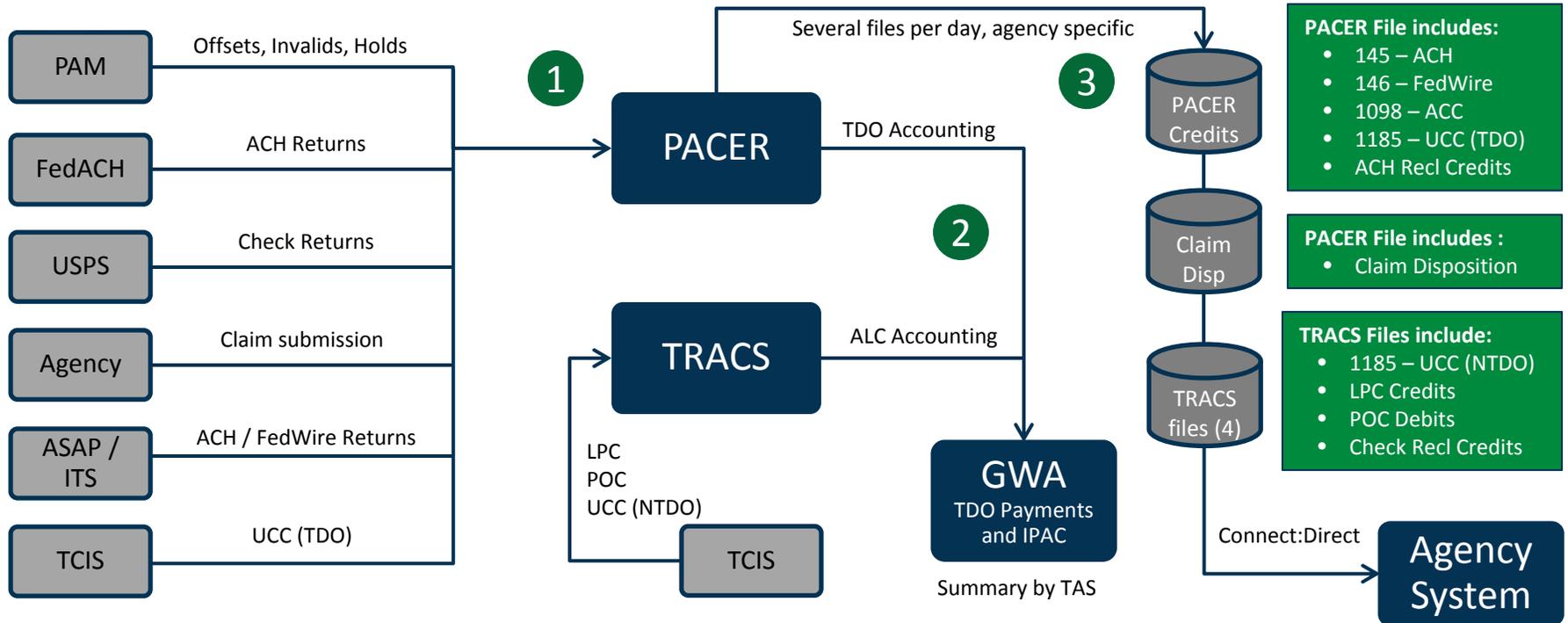
Cancellation Transactions

- ACH Invalids, Holds, Returns
- Check Invalids, Holds, Returns
- Check UCC and LPC Cancellations
- Payment Over Cancel (POC) Debits
- Fed Wire Returns
- ACH Reclamation Credits (Rel 4.0)
- Check Reclamation Credits (Rel 4.0)

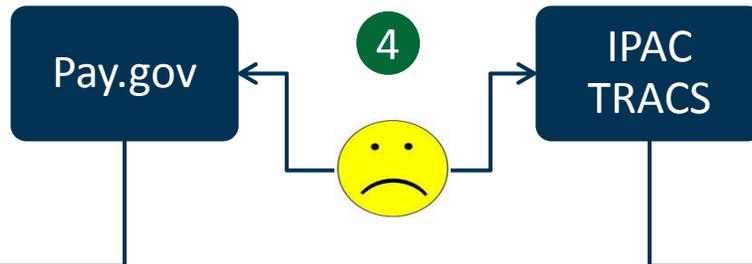
- Today files provided via PACER and TRACS
- Tomorrow files provided via PPS

- PPS’ “Common Cancellation File” will consolidate all cancellation activity into a standard format for 30+ agencies
- Agencies who do not get a file today, but access Pay.gov Internet Cancellations will need to obtain access to PPS

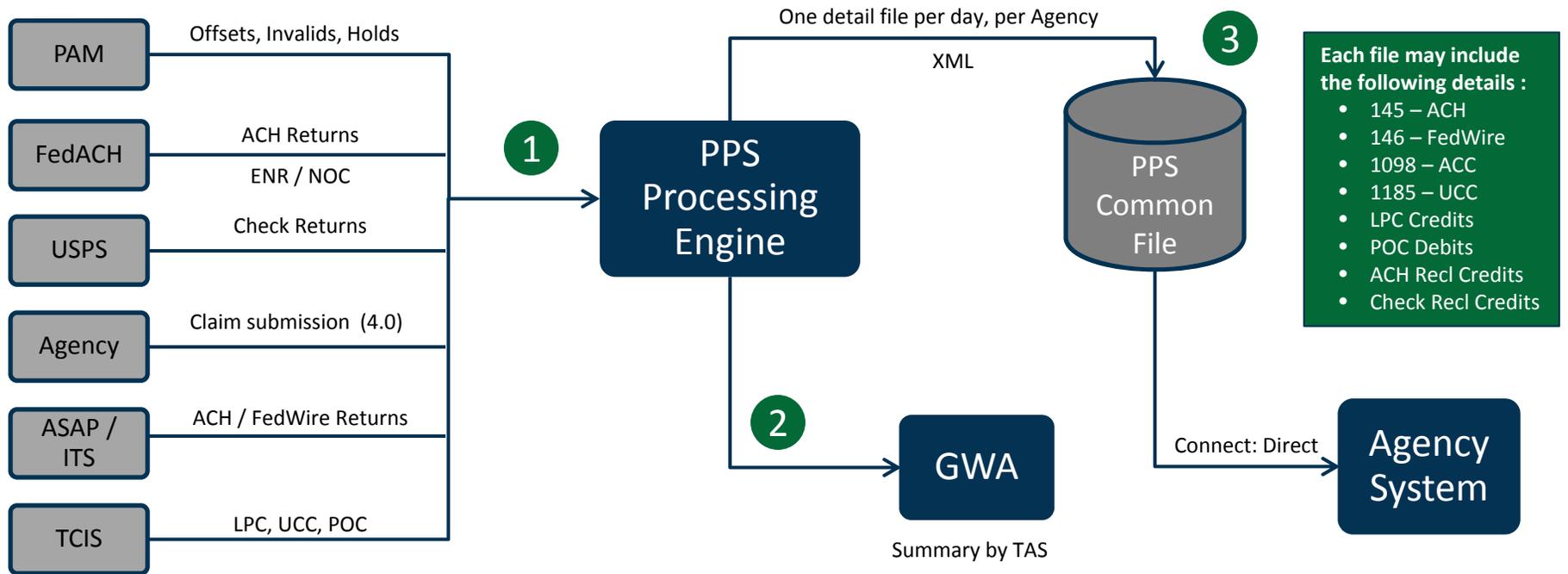
Legacy Agency Interfaces



Agency users view summary reports via Pay.gov for some, IPAC for others



PPS Cancellation and Claims Processing



Claims Disposition Report

Agency	ACH	FedWire	UCC	POC	Other
Agency 1	100	200	300	400	500
Agency 2	150	250	350	450	550
Agency 3	200	300	400	500	600
Agency 4	250	350	450	550	650
Agency 5	300	400	500	600	700

Cancellation Schedule Report

Agency	ACH	FedWire	UCC	POC	Other
Agency 1	100	200	300	400	500
Agency 2	150	250	350	450	550
Agency 3	200	300	400	500	600
Agency 4	250	350	450	550	650
Agency 5	300	400	500	600	700

Cancellation Dashboard



PPS Portal

4

Agency users view reports via PPS portal

Agencies will utilize common file and portal output to validate results.

“Big 5” Agencies Impacted by Common File

Agency	ALC(s)	Payment Types	Common File?
SSA Admin	28040001	Vendor, Misc	N
SSI (Title 16)	28040004	Benefit, Allotment, Misc	Y
SSA (Title 2)	28043000 - 5900	Benefit, Allotment, Misc	Y
VA – Hines (C&P)	36000201	Benefit, Education, Vendor, Misc	Y
VA – Financial Service Center	36001200	Vendor, Misc	Y
VA – VAD	36000102	Vendor	Y
VA – VAA	36000200	Misc	N
VA – Insurance	36000310	Insurance, Misc	N
VA – Admin	36000785	Travel, Vendor	N
IRS – Admin	20090002	Travel, Vendor, Misc	N
IRS – Service Centers	20090700 - 8900	Refund, Misc, Vendor	Y
OPM – Admin	24000001	Travel, Vendor, Misc	N
OPM	24000002	Benefit, Child Support, Misc, Vendor	Y
RRB	60009301	Benefit, Child Support, Misc, Vendor	Y

“Big 5” Agencies may participate in the following tasks:

- Requirements and design validation, Use Case Review
- Ad-Hoc tests, Compartmentalized system tests, and End-to-End integration test
- “Common Cancellation File” is being built in Release 3.0, but it will not be implemented until Release 4.0
- ***If you are impacted, testing must be completed with impacted agencies in advance of Release 4.0 implementation (October 2017)***

Miscellaneous Agencies Impacted by Common File

Agency	ALC(s)
DFAS (TDO) DFAS (NTDO)	21004332 Various DO and Reporting ALCs
GPO	04000001
NFC	Various ALCs
USDA – CCC	1236000 – 0037 12800001
USDA – FMH	12200408
NBC	14019999
DOJ	Various ALCs 1501 - 1518

Agency	ALC(s)
USC (Interior)	14100099 69025356 70060002
BPD	20550860
TSP	26000002
DFS	31208094
GSA	47000016, 0018
NLR	63000001
EPA	68014922

Agency	ALC(s)
SBA	73000001
PHS	75010098
CMS	75050080
HUD	86090300
CNCS	95550001
WHS	97008003
DLA	97008050
DOL	16010002 – 2018

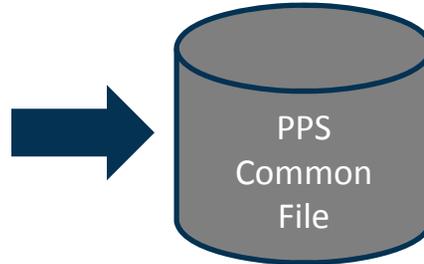
“Misc” Agencies may participate in the following tasks:

- Requirements and design review
- Ad-Hoc tests, Compartmentalized system tests, and End-to-End integration test
- “Common Cancellation File” is being built in Release 3.0, but it will not be implemented until Release 4.0
- ***If you are impacted, testing must be completed with impacted agencies in advance of Release 4.0 implementation (October 2017)***

3.0 Functional Review – Daily Common File

Cancellation Transactions

- ACH Invalids, Holds, Returns
- Check Invalids, Holds, Returns
- Check UCC and LPC Cancellations
- Payment Over Cancel (POC) Debits
- Fed Wire Returns
- ACH Reclamation Credits (Rel 4.0)
- Check Reclamation Credits (Rel 4.0)



- Daily credits, detailed records
- Multiple accounting schedules per file
- Feeds agency downstream systems
- Used with portal to reconcile activity
- Replaces TRACS and PACER files

- **Common File Specification:**

<https://www.fiscal.treasury.gov/eda/docs/PPS%20Common%20Cancellation%20Format%20Specification.docx>

- **One file per agency, per day**
 - Multiple ALC “stacked” file groupings are configurable
- **File naming standard:**

Node 1	Node 2	Node 3	Node 4	Node 5	Node 6	Node 7
Environment QA, FT, PROD	PPS	Endpoint (Agency) Name	File Sequence #	CPPF	Date of send DYMMDD	Time of send THHMMSS
PROD	PPS	AGY	S01	CPFF	D160308	T220135

PROD.PPS.AGY.S01.CPFF.D150110.T093025

3.0 Functional Review – Portal

User specifies ALC(s) and Date Range

Cancellation Date	Item Count	Summary Amount
3/1/2016	125	125,000.00
3/2/2016	110	110,000.00
3/3/2016	120	120,000.00
3/4/2016	100	100,000.00
3/7/2016	150	150,000.00
3/8/2016	200	200,000.00

Cancellation Schedules for: 3/3/2016

Schedule #	Item Count	Summary Amount
K16N0145W001	10	10,000.00
K16O0145W001	75	75,000.00
K16I1098W001	10	10,000.00
K16V1185W001	20	20,000.00
K16L3813W001	5	5,000.00
Total:	120	120,000.00

Sub-totals for Schedule #: K16L3813W001

Credit Category	Item Count	Summary Amount
TAS1234	2	2,000.00
TAS5678	3	3,000.00
Total:	5	5,000.00

Credit Category:
TAS

Other summary options available in dropdown

Details for Schedule #: K16L3813W001 Credit Category: ALL



Payee ID	Payment Date	Check / ACH #	Payment Amount	Reason Code	Payment Type	TAS
123456789A	1/2/2016	C 1234-12345678	1,000.00	POC	Daily Benefit	TAS5678
123456789B	12/1/2015	C 1234-23456789	1,000.00	POC	Monthly Benefit	TAS5678
123456789C1	12/1/2015	C 1234-345678901	1,000.00	POC	Monthly Benefit	TAS1234
789123456	11/1/2015	C 1234-87654321	1,000.00	POC	Allotment	TAS1234
234567890	12/1/2015	C 1234-12378945	1,000.00	POC	Monthly Benefit	TAS5678

- Detailed item listing :
- Sort by any column
 - Expand for additional columns
 - Exportable to excel or PDF
 - Excel may include more info
 - PDF used for printing
 - Select items for additional details
 - Replaces cancellation report in Pay.Gov and IPAC TRACS

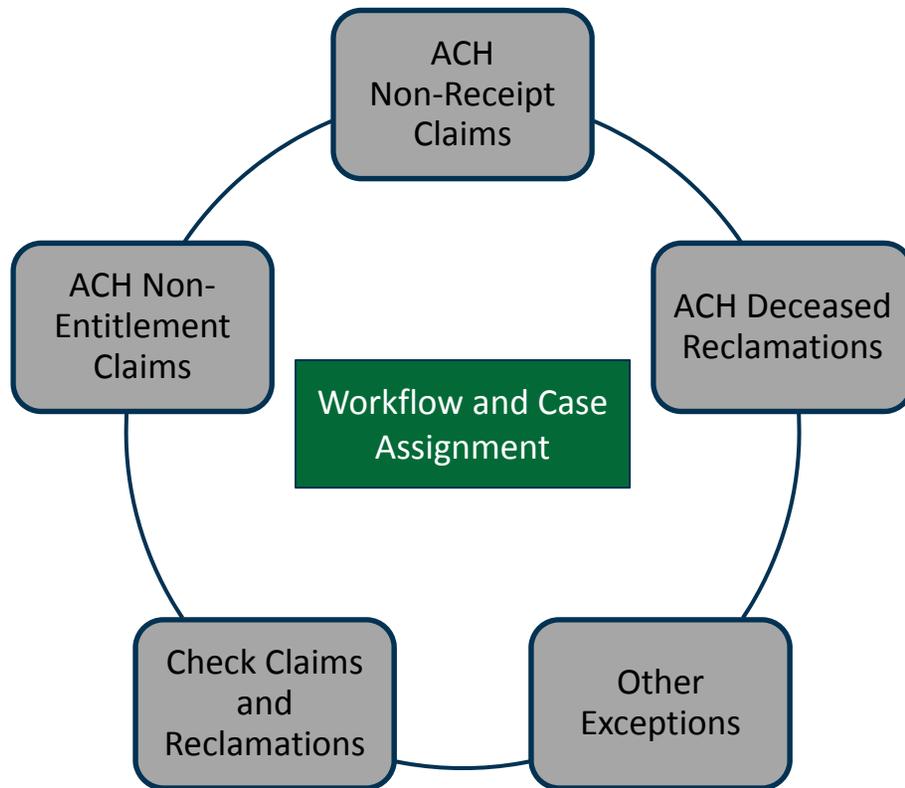
Need to establish practical limits of items and columns displayed via the browser

Actual design and function may differ from this example

Release 4.0

- Claim Submission
- Workflow
 - ACH Non-Receipt Claims
 - ACH Non-Entitlement Claims
 - ACH Deceased Reclamations
 - Check Claims
 - Other exceptions

4.0 Functional Review – Workflow



Changes and Improvements

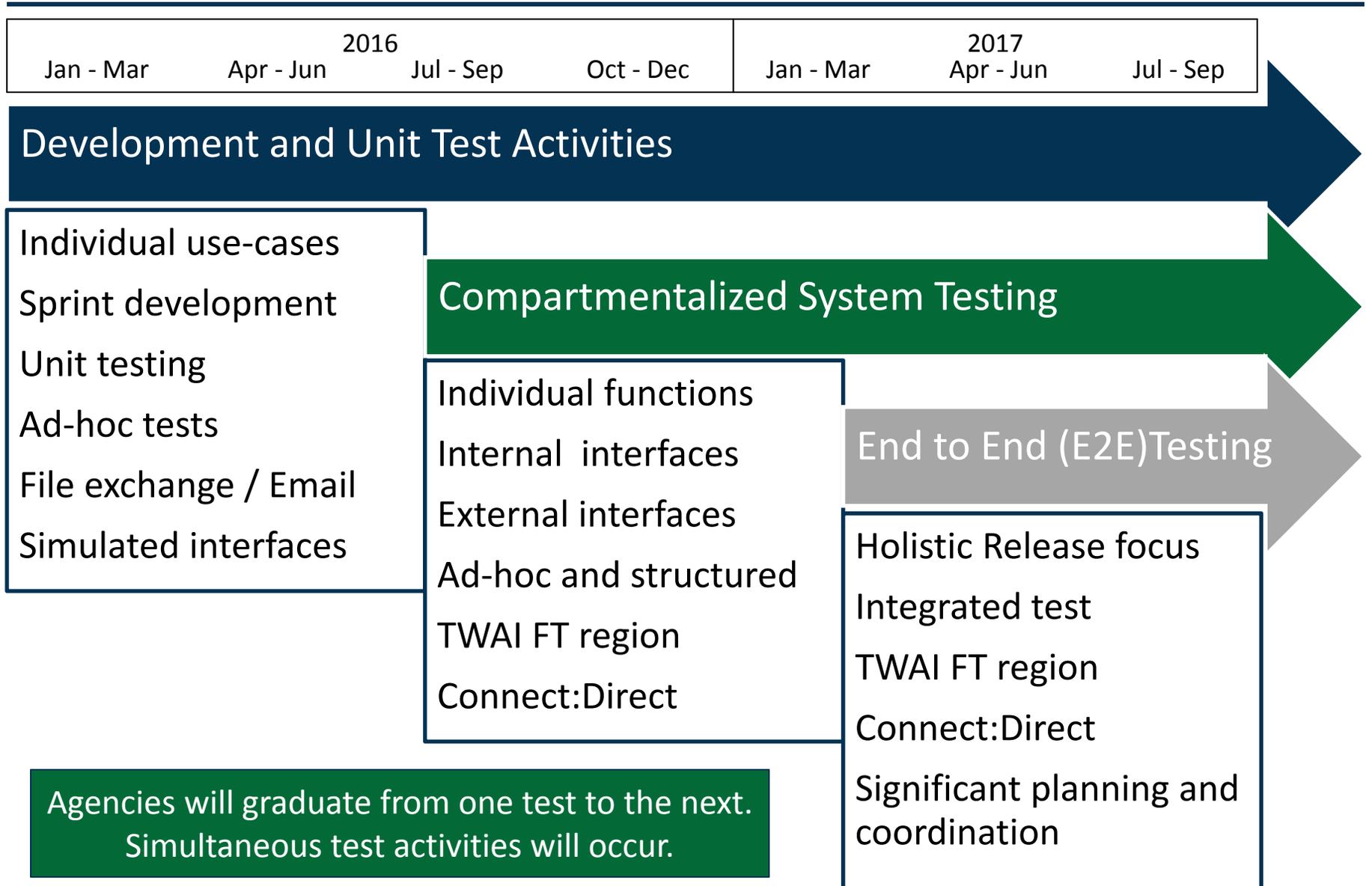
- Outcomes generally the same, but the processes to get there are improving
- Consistent rules for Non-Receipts
- Automated R06 requests
- Eliminate Check Claims paper CDNs
 - Daily CDN file avail by request
- Portal visibility to case history and status
- Agency and FI's part of the workflow through case assignment (in Rel 5.0)
- Reduced paper and elimination of forms for FI correspondence (150, 133) in Rel 5.0

Agency Test Objectives

- Demonstrate the following:
 - Payments are received from agencies through PAM to PPS
 - Accounting to GWA, results in portal
 - ASAP and ITS payments in Release 4.0
 - Cancellation transactions, for different payment types
 - ACH and check returns, using relevant return codes for each agency
 - Offsets, reversals
 - LPC, UCC, POC
 - Exceptions
 - Accounting to GWA and FedACH, results in portal
 - Heavy focus on the common file and portal
 - Agencies validate pass-thru data - very meaningful!
 - Agencies reconcile summary schedules with details
 - Integration with agency backend systems

Gradually introduce different flavors of cancellations through the common file

Testing Approach - PPS 3.0 and 4.0



Test Mechanics in TWAI FT Region

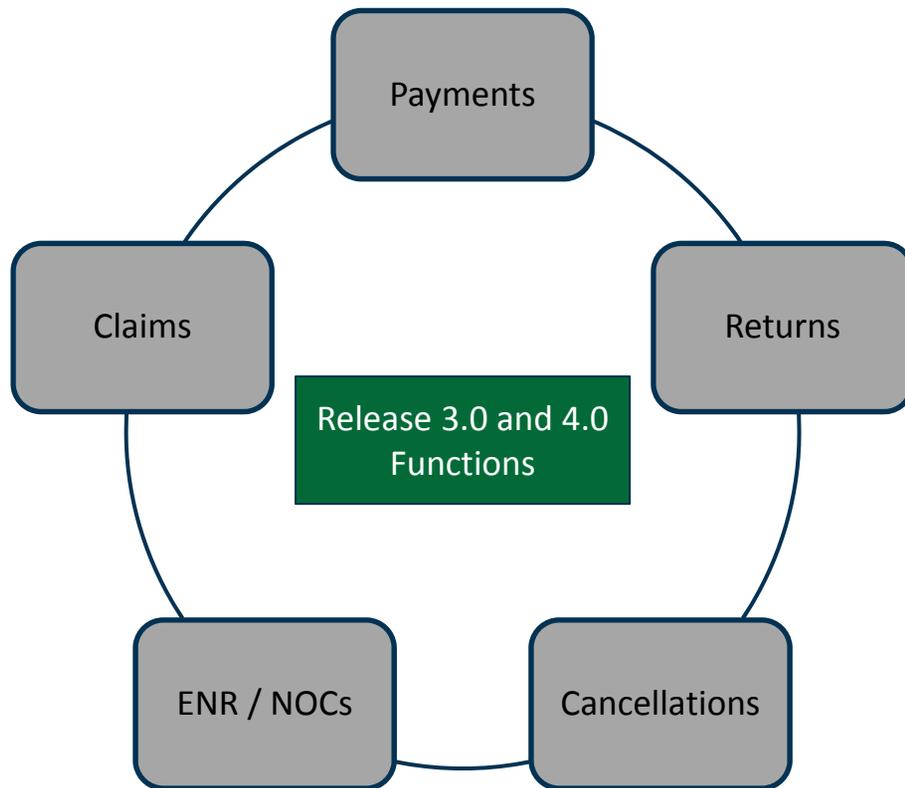
- Start with a clean slate
- Load a baseline of payment data from agencies
 - Test data, production like values but no PII
 - Maintain inventory of records for all to see
 - Assign specific actions to specific records
 - Reserve plenty of records for re-do's
 - Allow subsequent submissions as testing progresses
 - Records will live through all of 3.0 and 4.0 testing
- Start small, gradually increase volume and complexity
 - Expect superficial syntax errors at the beginning

Test Scenarios – Working Sessions

Development and Unit Test Activities

Compartmentalized System Testing

End to End (E2E) Testing



Work with Agencies to define:

- Test Scenarios
- Data Requirements
- Expected Results
- Test Schedule and Scripts
- Happy Path and Exceptions

Two Year Timeline (3.0 and 4.0)

	Dec 15 – Mar 16	Apr 16 – Sep 16	Oct 16 – Mar 17	Apr 17 – Sep 17
Dev	3.0 Development <ul style="list-style-type: none"> • Payments accounting • Returns accounting • Cancel – Invld, Returns, LPC • Common file • Portal – Cancel Recon • Portal – Payee History 		4.0 Development <ul style="list-style-type: none"> • Claim submissions • Check claims workflow • ACH Reclamation workflow • ACH Non-Receipt workflow • Courtesy Disbursements • Portal 	
System Testing	<ul style="list-style-type: none"> • Establish C:D connectivity to TWAI FT (Richmond) • Establish MOUs • Test planning, data staging 	<ul style="list-style-type: none"> • Payment accounting • Returns accounting • Cancellations <ul style="list-style-type: none"> • Invalids • Returns • LPC • Offsets • Common file • Portal 	<ul style="list-style-type: none"> • Common file • Payments & Returns • Cancellations • ASAP / ITS Returns • Portal queries • Reports 	<ul style="list-style-type: none"> • Claim submissions • Workflow • Reclamation / Claims reports
E2E Testing	<ul style="list-style-type: none"> • Define test schedules • Rules of engagement • Establish communication channels 	<ul style="list-style-type: none"> • Build test scenarios • Expected results 	<ul style="list-style-type: none"> • Stage data • Conduct end to end tests <ul style="list-style-type: none"> • Payments • Returns • Cancellations • All hands on deck 	<ul style="list-style-type: none"> • Conduct end to end tests <ul style="list-style-type: none"> • Payments • Returns • Cancellations • Claims • Reclamations • All hands on deck

Impacted Agencies – Common File Testing “To Do”

If you are impacted by the “Common Cancellation File”, please note the following “to dos” for establishing connectivity to TWAI

- For PPS FT access:
 - Memorandum of Understanding (MOU)
 - Interconnection Security Agreement (ISA)
 - Connect:Direct information (for common file agencies)
 - Signed test plan strategy document
 - List of test users (for portal access)
 - IP address ranges (for portal access)

Gerry Duffey and team will coordinate with agencies to collect this information
You will not be able to test “Common File” Format without the above completed

Impacted Agencies – 3.0 Production Access To Do

- For PPS Release 3.0 Production access:
 - List of users and who can approve them
 - Connect:Direct information
- PIV-ability:
 - PPS requires a PIV card for access:
 - FS needs to establish Technical POC for PIV questions
 - At this point we are able to accommodate GSA, Treasury and Verizon credential authorities
 - Note - PPS may not be able to support all PIV issuers by 3.0, but is working to accept all by 4.0



If your agency does not use PIV credentials, please see me after session

Gerry Duffey and staff will coordinate with agencies to collect this information

Next Steps

Ensure your agency is informed!

- If you have concerns with any of the information shared today, please come see me after presentation or email me at: Gerard.Duffey@fiscal.treasury.gov
- Attend PPS webinars offered monthly...Common File, Portal, Test Planning, User Provisioning
- Attend in-person training – DC (August)
 - https://www.fiscal.treasury.gov/fstraining/training/fs_pmtmanagementnew.htm
- Complete MOUs and ISAs for TWAI FT (Test) access
- Establish connectivity to TWAI (FT) region
- Set up recurring calls and touch-points

Thank you for your time today!

Contact Information



Project Manager

Lourde Romain-Prue

Lourde.Romain-Prue@fiscal.treasury.gov

Functional Deputy Project Manager

Lisa Andre

Lisa.Andre@fiscal.treasury.gov

Technical Deputy Project Manager

James King

James.King@fiscal.treasury.gov

Outreach & Policy Analyst

Gerard Duffey

Gerard.Duffey@fiscal.treasury.gov

Exceptions & Customer Relationship Management Analyst

Courtney Bethea

Courtney.Bethea@fiscal.treasury.gov

Training & Project Support

Kathryne Gave

Kathryne.Gave@fiscal.treasury.gov