



BUREAU OF THE
Fiscal Service
U.S. DEPARTMENT OF THE TREASURY

Intragovernmental Transactions Working Group (ITWG)

August 7, 2018

Today's Agenda

- Survey Results (Alex Abshire)
- Changes to IPAC Data Standards (Wes Vincent)
- Changes to Performance Data Standards (Wes)
- Attachments (Bill Schmidt)
- Performance and Settlement Adjustments (Wes and Bill)
- Survey Questions (Alex)

Tentative ITWG Schedule

- ✓ June 12 – Advance Payments, IPAC/Invoice Data Elements
 - ✓ July 10 – Changes to Performance and IPAC Data Standards
 - ❑ August 7 – Attachments and Adjustments
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Planned Dates: Sept 11, Oct 9, Nov 13, Dec 11, Jan 8, Feb 12

Future Topics:

- Triggering Events
- Conditions for Performance
- Conditions for Settlement
- Assisted Acquisition
- System of Record
- Sensitive Agency Data



2-3 pm ET

July Survey Results

- Proposed changes to Performance standards are acceptable
 - Some agencies will have challenges obtaining Performance data
 - Still uncertainties on the requirement of Performance entries
- Performance is currently required by half the agencies that responded
 - Although that requirement is not always met
 - Several differences based on perspective, Buyer or Seller
- Some concerns with ability to reference an Order from IPAC
 - When will ERP Vendors provide this capability?
 - Already a challenge pulling required IPAC data together
 - Uncertainty over the controls to be in place
- Order Attachments
 - We did not get to this slide in July, so we'll discuss attachments today
 - Many agencies want flexibility to decide which attachments require re-approval

Proposed Changes to IPAC Bulk File

- **New File Identifier Record**
 - Batch Header Record
 - Payment/Collection Transaction Header
 - Payment/Collection Transaction Detail + **G-Invoicing references**
 - Receiver Initiated Adjustment Transaction Header
 - Receiver Initiated Adjustment Transaction Detail + **G-Invoicing references**
 - Sender Initiated Adjustment Transaction Header
 - Sender Initiated Adjustment Transaction Detail + **G-Invoicing references**
- What happened to the Secondary Record?
 - This concept was notional
 - IPAC Detail records already contain all the FIDS data elements except for Order/Line/Schedule references
 - Easiest lift appears to be extending current record to include G-Invoicing references
 - *Note: If you submit IPAC transactions through the User Interface, you will still need to reference a G-Invoicing Order/Line/Schedule*
 - If no Order reference or old File Identifier, IPAC will process the “old way” ... for now

IPAC Detail Record Extension

- A new IPAC file type will be available for agencies to reference Orders
- Orders may be referenced from Payment/Collection or Adjustment transactions
 - Optional at first, until mandates take effect

Field	Value/Description
(GINV) Order Number	Unique Identifier for the Order created from the GT&C. Required to reference Order in G-Invoicing.
(GINV) Order Line Item Number	Order Line Item Number from the original transaction. Required to reference Order in G-Invoicing.
(GINV) Order Schedule Number	The sequential sub-line structure below an Order Line. Required to reference Order in G-Invoicing.

- All other FIDS data elements already exist in the current Detail Record
- Detail records likely to be more granular than they are today
 - Agencies can no longer submit single Detail record to pay/collect all Line items and Schedules for an Order
 - Granular distributions must be established on Schedules
 - ... or continue to reclassify in CARS

Proposed Performance FIDS (Header)

- Control Number not guaranteed to be unique for both partners
- Recommend common pattern for unique Performance Identifier, generated by G-Invoicing
 - e.g., P1808-123-234-000345
 - Drop Transaction Set Identifier Code and Control Number

Proposed Data Elements				ANSI X12-856 Mapping					Data Element Mapping		
Data Element Name	Data Element Description	Validation Rules (for new records)	Level	Data Element Name	Ref	ID	Data Type	Min, Max	Data Type	Length Max	Schema Element Content Restriction
Performance Number	Identifying number for a Performance event, assigned by G-Invoicing at the time the Performance is recorded in G-Inv.	System generated in same format as GT&C Order (e.g., P1807-123-234-000034)	Header	N/A	N/A	N/A	N/A	N/A	Text	20	Pyymm-req-svc-seqnum
Order Number	Identifying number for PO assigned by G-Invoicing at the time of Order creation.	Required ... must reference IGT Order	Header	Purchase Order Number	PRF01	324	AlphaNum	1,20	Text	20	
Control Number	Sequential number to identify a specific Performance event against an Order.	Required Must be unique within Order Number	Header	Transaction Set Control Number	ST02	329	AlphaNum	4,9	Text	9	Min 4, Max 9
Transaction Set Identifier Code	Code identifying an EDI Transaction Set (e.g., 856 Ship Notice/Manifest, 306 Dock Receipt).	Optional (if meaningful to Agency) ... no validation	Header	Transaction Set Identifier	ST01	143	Number	3,3	Numeric	3	
Agency Performance Identifier	A control number assigned by the agency submitting the performance transaction.	Optional (if meaningful to Agency) ... no validation	Header	Shipment Identification	BSN02	396	AlphaNum	2,30	Text	50	
Performance Date	The date on which the performance took place.	Optional ... derive from Current Date if not supplied	Header	Date	DTM02	373	Date + Time	10,10	Date + Time		yyyy-mm-ddThh:mm:ss.SSS+ -00:00
Transaction Date	The date and time the performance transaction was received by G-Invoicing.	Ignore ... system generated	Header	Date/Time	DTM01	374	Date + Time	10,10	Date + Time		YYYY-MM-DDThh:mm:ss.SSS+ -00:00
Accounting Period	The fiscal period that the performance is reflected in the G/L, if applicable.	Optional, must comply with format ... e.g., July 2018 is 201810.	Header	N/A	N/A	N/A	N/A	N/A	Numeric	6	YYYYMM
Comments	Additional information, particularly for adjustments.	Optional ... no validation	Header	Comments	YNQ05	993	AlphaNum	1,264	Text	264	
Prepared By Name	The full name of the user submitting the performance transaction	Optional ... derive from Identity Manager if UI or not supplied	Header	Name	PER03	93	AlphaNum	1,60	Text	60	
Prepared By Phone	The phone number of the user submitting the performance transaction	Optional ... derive from Identity Manager if UI or not supplied	Header	Communication Number	PER03	365	AlphaNum	1,60	Text	60	
Prepared By E-Mail	The e-mail address of the user submitting the performance transaction	Optional ... derive from Identity Manager if UI or not supplied	Header	Communication Number	PER04	365	AlphaNum	1,60	Text	60	

GT&C and Order Attachments

- GT&C attachments can be added or deleted at any time, with no approvals
 - Some agencies have requested that all attachments force re-approval
 - Other agencies prefer to choose which attachments trigger re-approval
 - G-Invoicing cannot distinguish important attachments from others
- What attachment controls are possible for GT&Cs?
 - Either partner can Modify an open GT&C, forcing re-approval at any time
 - Pull GT&C (web service) shows all changes, including new or deleted attachments
 - If needed, G-Invoicing could be enhanced to send an e-mail notification
- Order workflow is more strict than GT&C
 - Buyer creates Order, then Seller changes/approves, then back to Buyer
 - Treating an attachment as a change would follow same Order workflow
 - Agency must attach before approving because approval marks their “end of turn”
 - Seller can only initiate attachment when Order is pending their approval
 - Cannot add attachment when closing an Order (without Buyer “Mod” and re-approvals)
 - All changes (no matter how insignificant) would require re-approval by both partners
- Is further restriction of Order attachments too onerous? Can it wait?

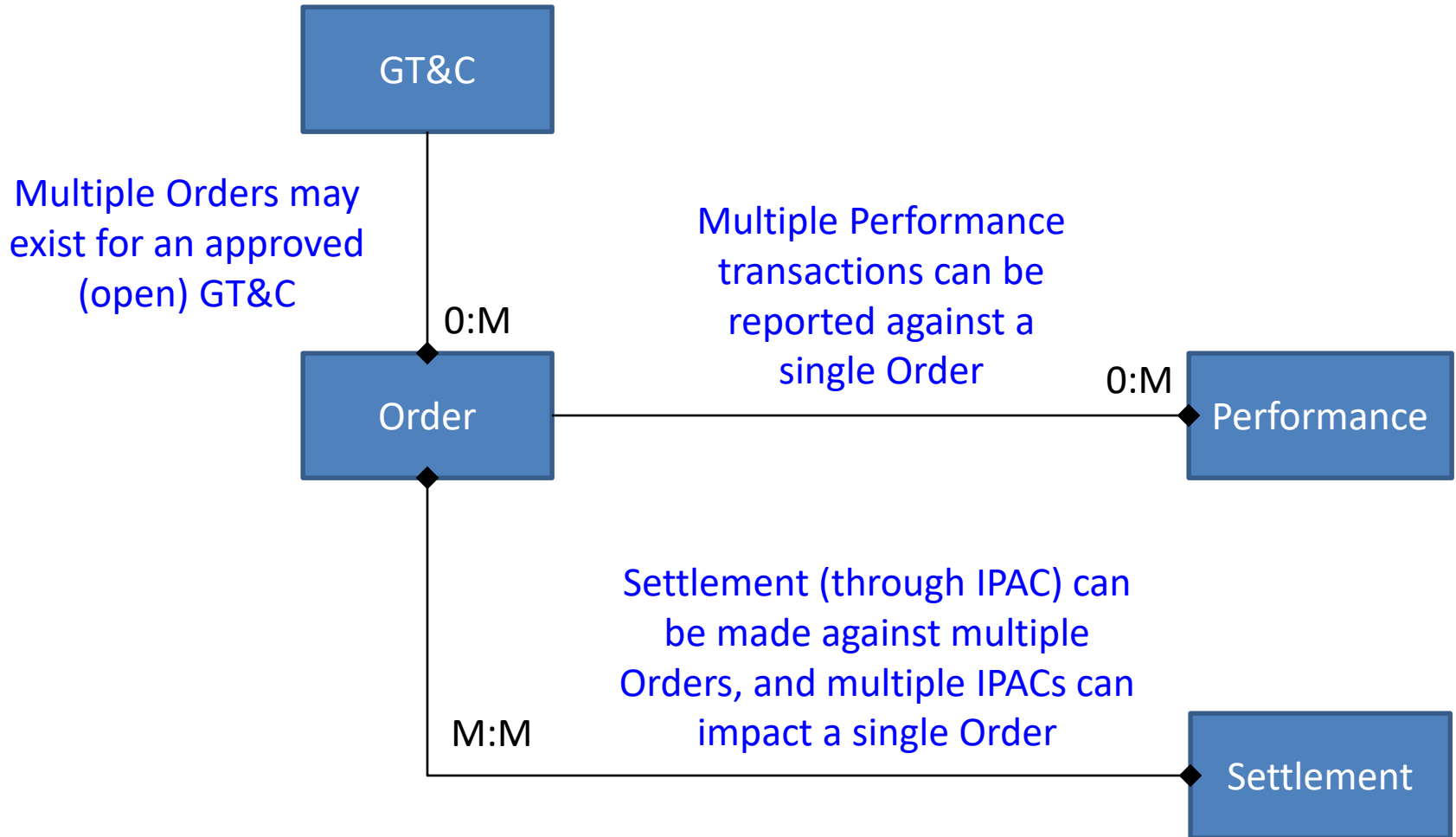
Performance and Invoice Attachments



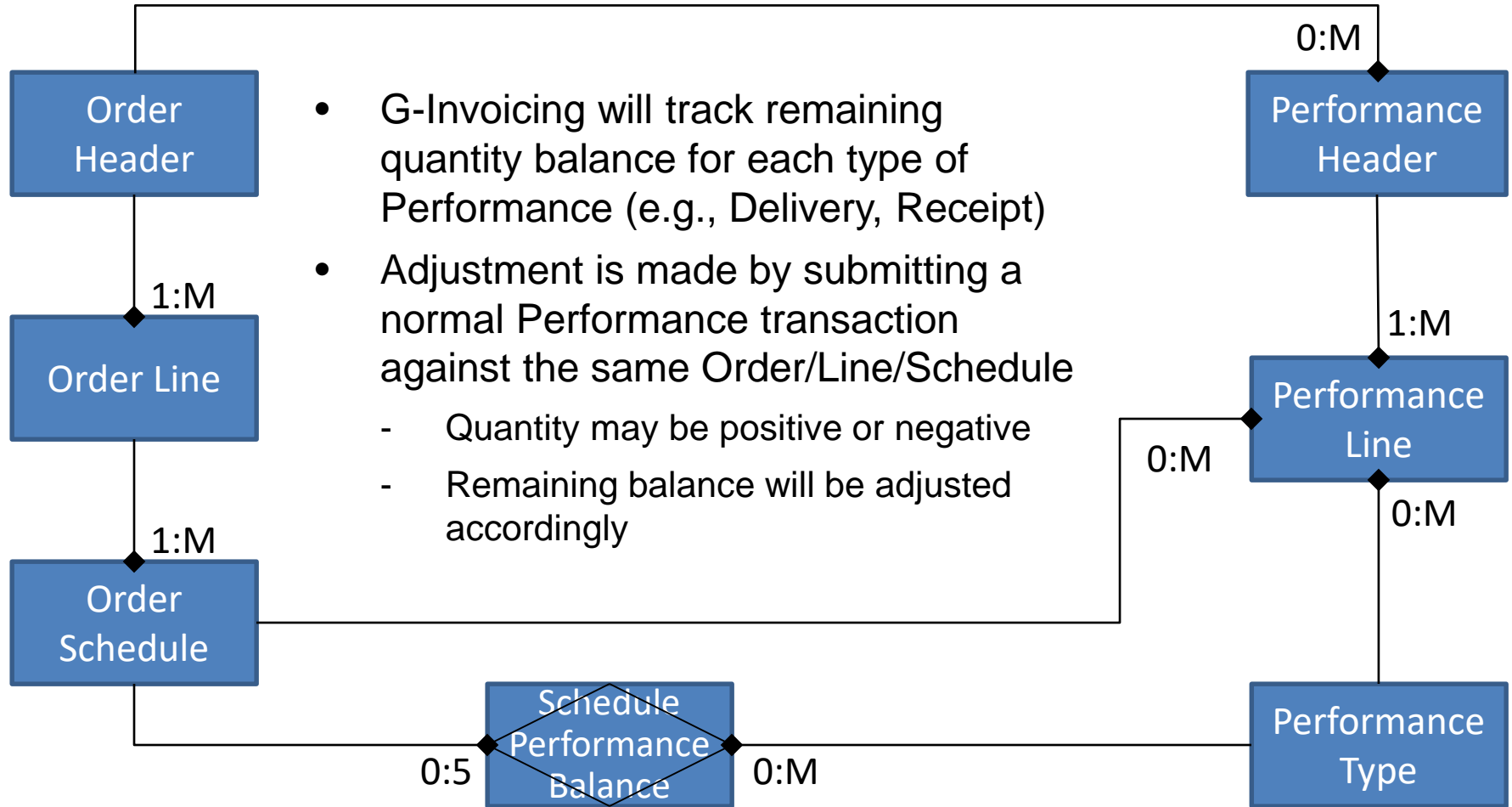
Proposed Data Elements				ANSI X12-856 Mapping					Data Element Mapping			
Data Element Name	Data Element Description	Validation Rules (for new records)	Level	Data Element Name	Ref	ID	Data Type	Min, Max	Schema Element Field Name	Data Type	Length Max	Schema Element Content Restriction
Attachment File Name	The actual name of the attachment file.	Conditional ... Required for Attachment submission	Attachment	N/A	N/A	N/A	N/A	N/A	FileName	Text	132	
Attachment File Alias	Nickname to identify file.	Optional	Attachment	N/A	N/A	N/A	N/A	N/A	FileNameAlias	Text	132	
Attachment Updated By	The user name or partner (Buyer or Seller) that uploaded the attachment.	Optional ... derive from Identity Manager if not supplied	Attachment	N/A	N/A	N/A	N/A	N/A	FullName	Text	100	
Attachment Date/Time	The time and date the file was uploaded into G-Invoicing.	Ignore ... system generated	Attachment	N/A	N/A	N/A	N/A	N/A	UploadDateTime	Date + Time		YYYY-MM-DDThh:mm:ss.SSS+ -00:00

- IPAC cannot handle attachments
 - Invoice related documents must be sent to G-Invoicing to be attached to the Order
 - Invoice could also be attached to the Performance transaction
- Question: Should performance attachments be handled similarly?
 - e.g., Attach a Bill of Lading to the Order or to the “Shipped” performance?

G-Invoicing Data Relationships

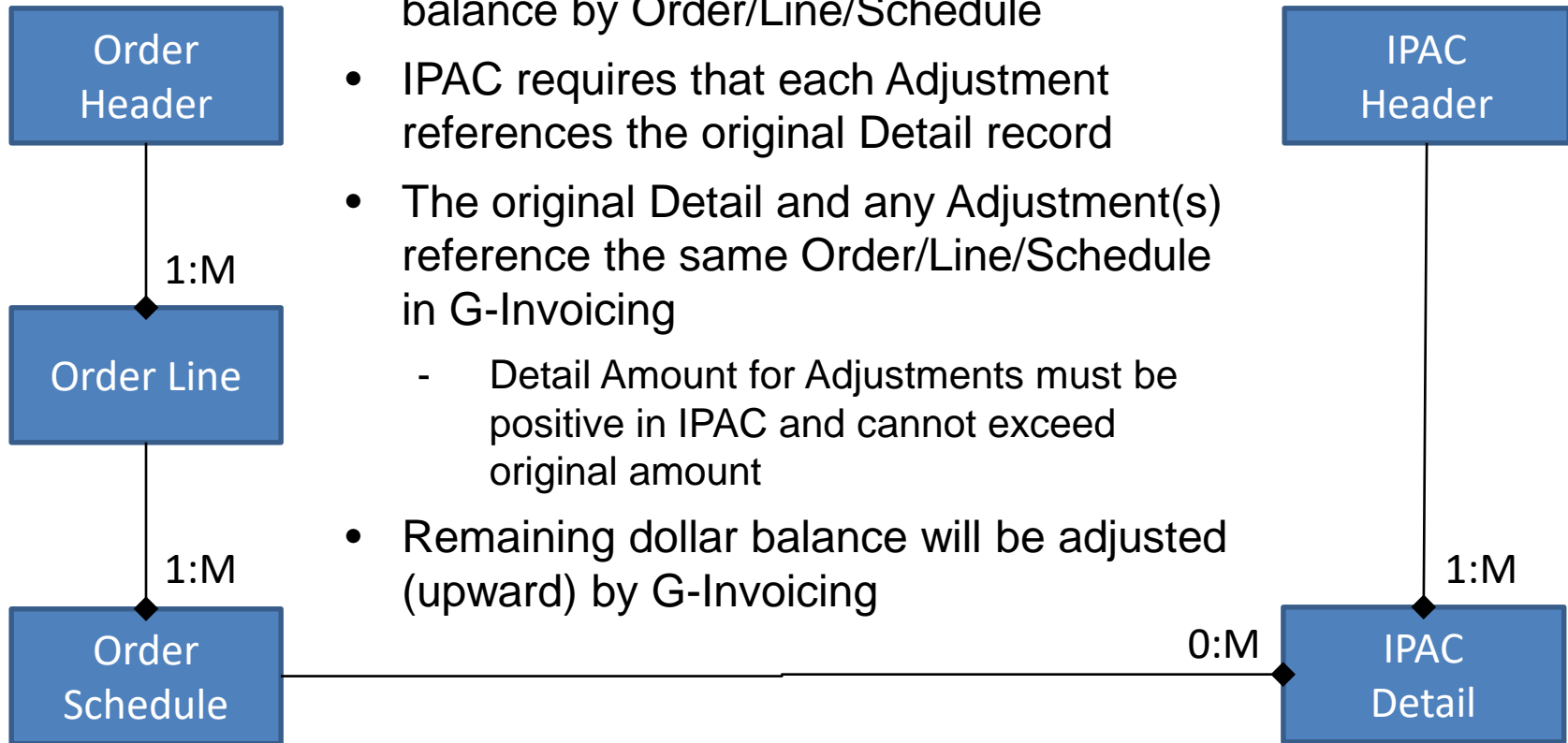


Performance Adjustments



- G-Invoicing will track remaining quantity balance for each type of Performance (e.g., Delivery, Receipt)
- Adjustment is made by submitting a normal Performance transaction against the same Order/Line/Schedule
 - Quantity may be positive or negative
 - Remaining balance will be adjusted accordingly

Settlement Adjustments



- G-Invoicing will track remaining dollar balance by Order/Line/Schedule
- IPAC requires that each Adjustment references the original Detail record
- The original Detail and any Adjustment(s) reference the same Order/Line/Schedule in G-Invoicing
 - Detail Amount for Adjustments must be positive in IPAC and cannot exceed original amount
- Remaining dollar balance will be adjusted (upward) by G-Invoicing

What happens if refunded amount was too much?
➔ Submit another IPAC for the missing amount.

Example of Settlement Adjustment

- Order 90 units @ \$1000 each, terms are “Collection upon Shipment”
 - *Theoretical at this point ... These terms need to be discussed and agreed to*
- Seller ships 90 units, reported to G-Invoicing
- Seller collects \$90,000, reported to IPAC
- G-Invoicing calculates remaining balance as \$0 and Shipped amount as 90
- Buyer receives only 80 units
 - Maybe 10 are lost or damaged in shipping
- The difference (of 10 units) is visible to both agencies
- POCs at the two agencies should discuss the difference
- One or both will make an adjustment to their Performance entry
 - Shipped -10 Received +10 Split the difference
- Seller adjusts Shipped amount -10 and refunds \$10,000 via IPAC adjustment
 - Requesting Agency not allowed to initiate Refund through IPAC because terms on Order require the Servicing Agency to submit Collection(s) ... *again Theoretical*
- G-Inv calculates remaining balance as \$10,000 and Shipped amount as 80

Survey Questions for Today

1. Please provide your agency name and (ideally) your personal contact info so we can address your concerns.
2. Would your agency object to adding a Capitalize/Expense Indicator to the Order and to the Performance transaction to provide an opportunity for the Servicing Agency to inform the Requesting Agency if the goods have been capitalized?
3. Will your agency be attaching performance related documents, such as a Bill of Lading or Receiving Report? If so, should these documents all be attached to the Order or each attached directly to the Performance transaction?
4. Now that we've covered the Attachment slide, do you understand the issues related to attachments and the challenges with the G-Invoicing system forcing re-approval upon any attachment change?
5. Now that we've covered the Attachment slide, does your agency believe that re-approval of GT&Cs and Orders with all attachment changes must be system-enforced for G-Invoicing to be viable? If so, how do you meet this requirement today?
6. Do you have any questions or concerns related to how Performance adjustments will be made?
7. Do you have any questions or concerns related to how Settlement adjustments will be made?