Intragovernmental Transactions Working Group (ITWG)

March 13, 2018

Today's Agenda

- Survey Results (Alex Abshire)
- Introduction of Office Hours (Keith Jarboe)
- Data Flow for Agreements (Keith)
  - GT&C
  - Orders
- Performance Updates (Wes Vincent)
  - Data Flow
  - Data element changes
- Streamlining Government Invoicing (Matt Conrad)
- Survey Questions (Alex)

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Tentative ITWG Schedule

- ✓ Nov 14 – Performance Transaction

- ✓ Jan 9 – Release 2.1 Preparation

- ❑ Mar 13 – Streamlining Government Invoicing

Planned Dates

April 10

May 8

June 12

Future Topics

Multiple Advance Payments

Refunds and Adjustments

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Survey Results

- **Order Data Standards**
  - Unit of Measurement
    - Demand for ANSI standard is significant
    - G-Invoicing will support both ANSI and ISO standards with a 3-character UOM
    - Adding UOM Description to help translate between ANSI and ISO

- **Performance Transaction**
  - Agency support for Performance transaction still strong
  - Some agencies want to ease into this requirement due to challenges obtaining data
  - Other agencies want tighter rules relatively quickly, leading to:
    - No invoicing without notice of Delivery
    - No payment without Receipt or Acceptance

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G-Invoicing Office Hours

- Provide Federal Program Agency (FPA) Stakeholders an opportunity to discuss onboarding and adoption topics with the G-Invoicing team

- 60 minute sessions held semi-monthly (1st and 3rd Tuesday); the first session is April 3rd, 2018

- Any FPA may sign up for office hours through the "Training and Events" Fiscal Service Page

- FPAs are asked to submit their questions in advanced to igt@fiscal.treasury.gov

- FPAs should bring the key stakeholders responsible for G-Invoicing implementation within their agency and include participation from their primary IGT Buy/Sell trading partners

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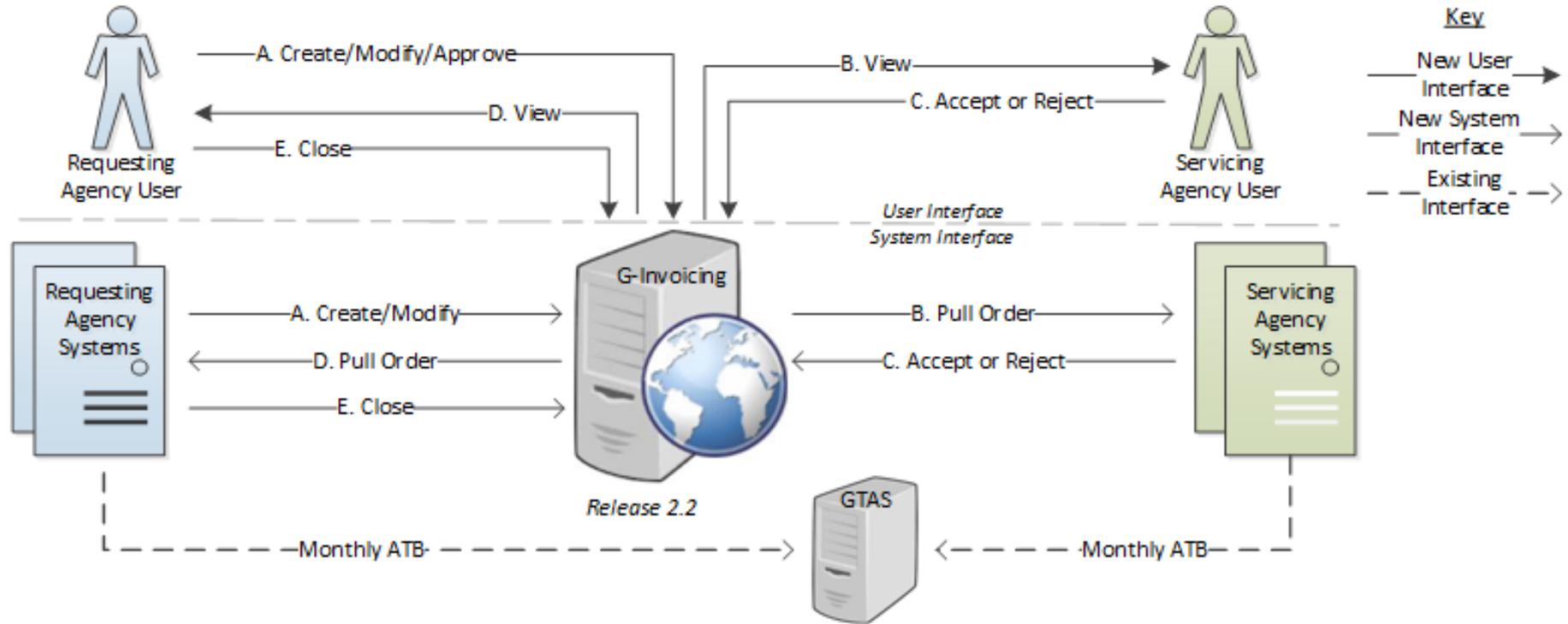U.S. DEPARTMENT OF THE TREASURY

General Terms and Conditions
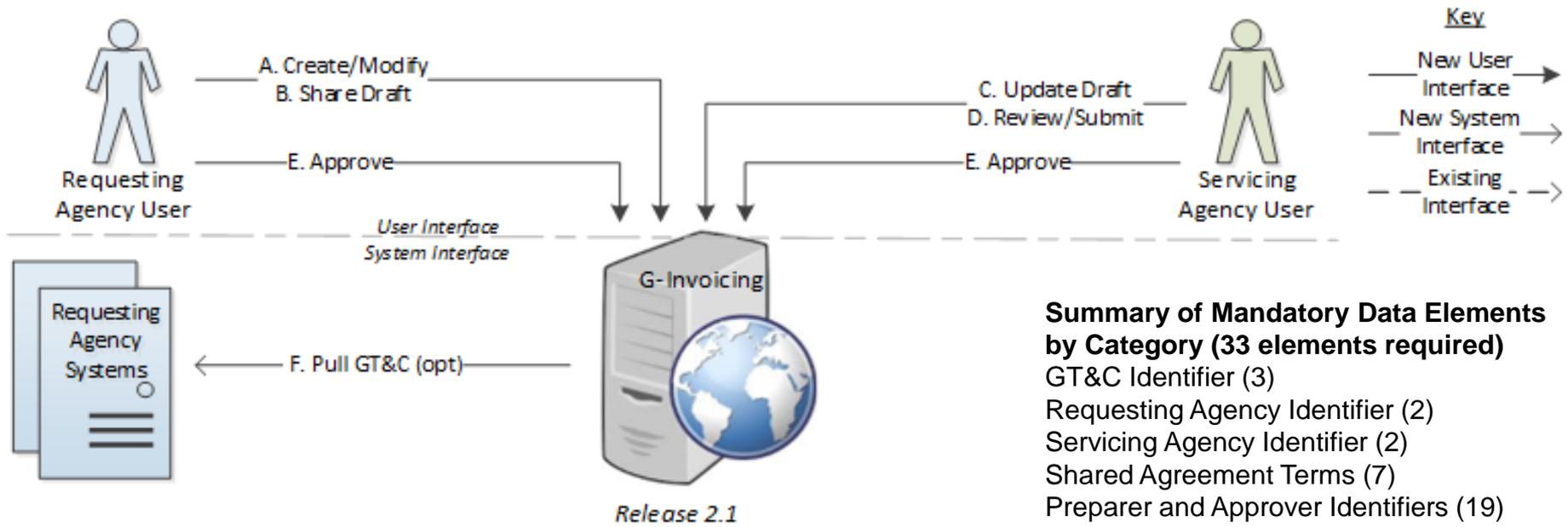
Summary of Mandatory Data Elements by Category (33 elements required)
GT&C Identifier (3)
Requesting Agency Identifier (2)
Servicing Agency Identifier (2)
Shared Agreement Terms (7)
Preparer and Approver Identifiers (19)
(40 other data elements are opt/derived)

- Requesting or Servicing Agency may initiate GT&C

- GT&C agreements are created and approved through a user interface in G-Invoicing

- Full automation is available beyond the GT&C agreement

  - Agencies choose which systems they prefer to integrate

- Attachments are optional and available for either partner to view or pull

- Requesting Agency must reference approved GT&C when creating Order (on next slide)

  - This can be pulled into agency system (Pull GT&C, shown here)

  - Or user can copy/paste (not shown)

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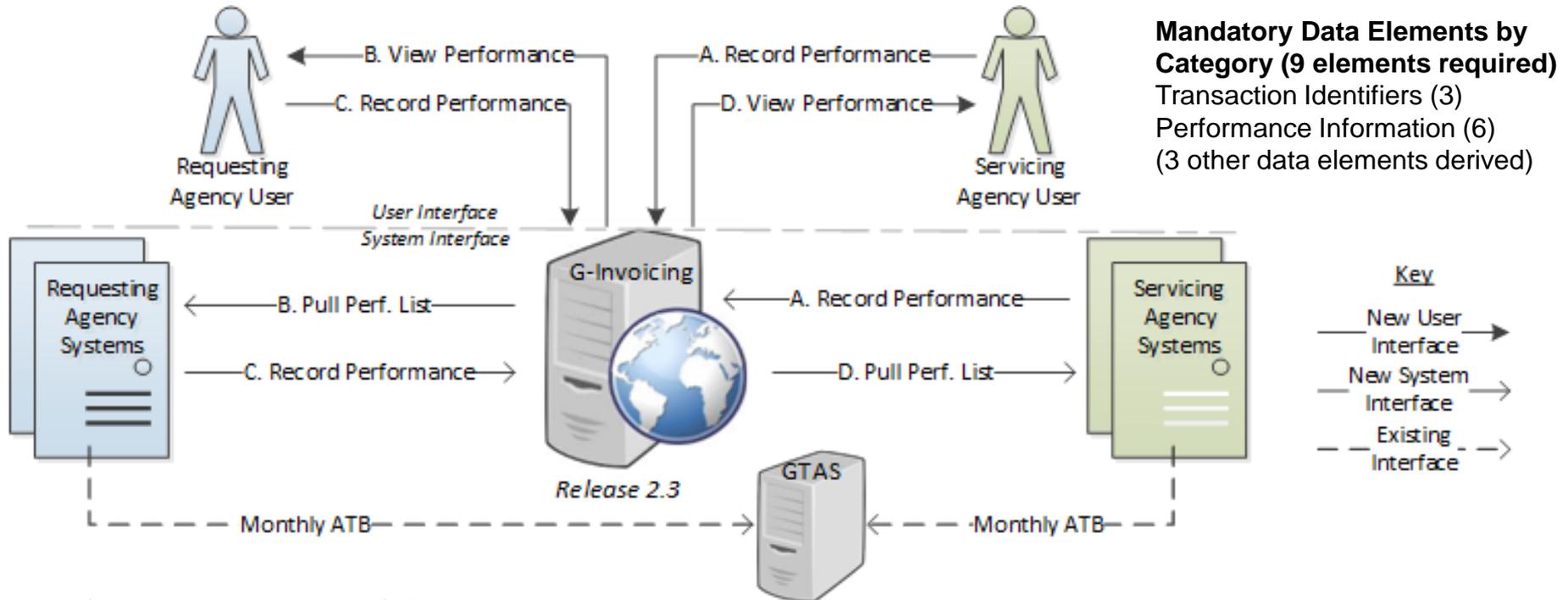U.S. DEPARTMENT OF THE TREASURY

Orders

- If an Agency desires full automation with their current systems, the following functions must be supported:
    1. Push an Order to G-Invoicing, covering new, approved, rejected, modified or closed Orders
    2. Pull a list of Order changes and a specific Order from G-Inv.
- G-Invoicing will contain data to support ATB entries, but will not replace GTAS reporting

Summary of Mandatory Data Elements by Category (79 elements required)
GT&C and Order Identifiers (3)
General Order Information (16)
Requesting Agency Order Details (22)
Servicing Agency Order Details (10)
Preparer, Contact and Approver IDs (28)
(128 other data elements are opt/derived)

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Performance

Mandatory Data Elements by Category (9 elements required)
Transaction Identifiers (3)
Performance Information (6)
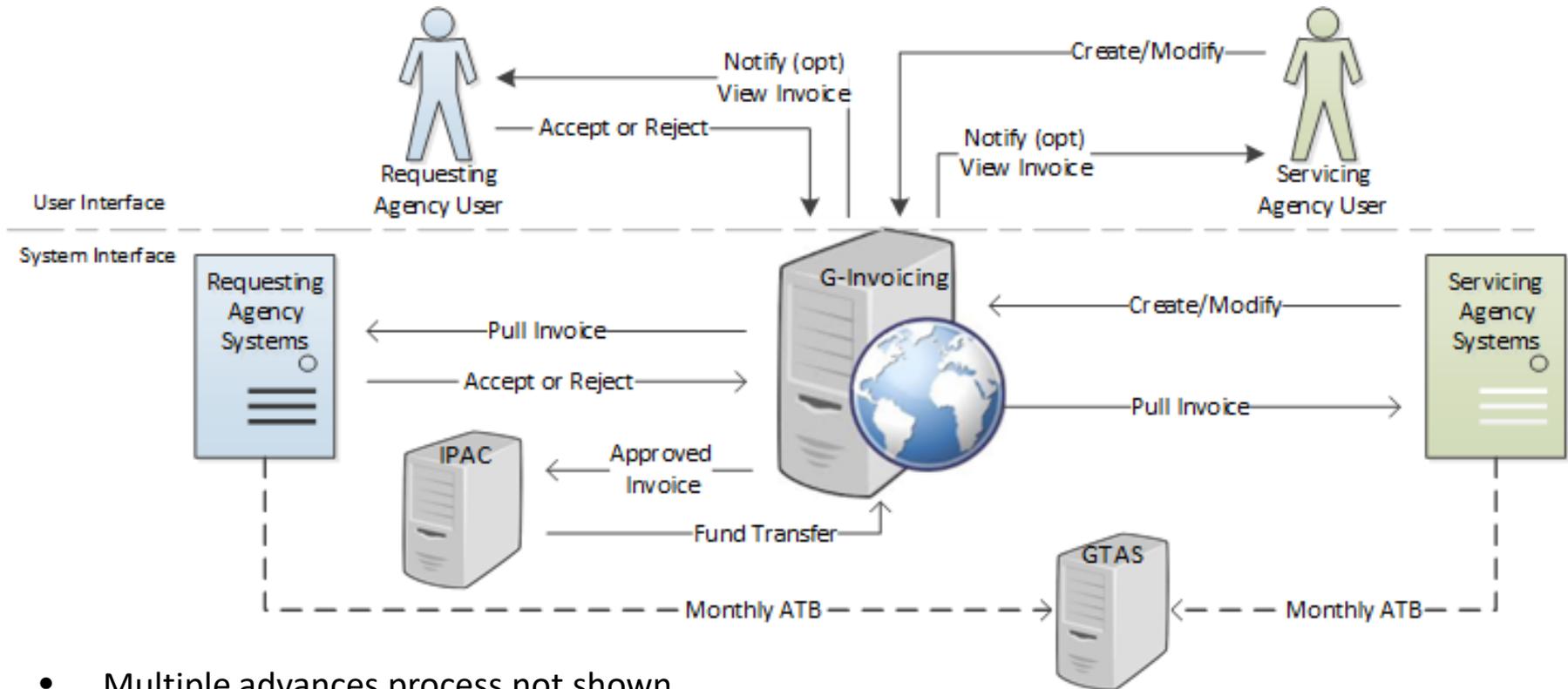(3 other data elements derived)

- If an Agency desires full automation with their current systems, the following functions will need to be supported:
    1. Push a Performance transaction to G-Invoicing, for any new or modified records
    2. Pull a list of Performance changes from G-Invoicing
- Types of Performance are based on EDI 856 standards
    - Servicing Agency: 011-Shipped, 017-Estimated Delivery, 035-Delivered
    - Requesting Agency: 050-Received, 201-Acceptance

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Performance Data Standards

Proposed Data Elements			ANSI X12-856 Data Element Mapping						
Name	Description	Required	Name	Ref	ID	Data Type	Min/Max	Description	Restriction
Performance Transaction Identifier	Uniquely identifies the performance transaction.	Derived	N/A	N/A	N/A	N/A	N/A	Derived by system for new transactions, required for changes or deletions.	Included in Pull response. Required for modify/delete.
Transaction Type	Identifies the type of performance recorded (e.g., Delivery, Receipt).	Required	Date/Time Qualifier	DTM01	374	AlphaNum	3,3	Code specifying type of date or time, or both date and time.	011 - Shipped 017 - Estimated Delivery 035 - Delivered 050 - Received 201 - Acceptance
Performance Date	The date on which the performance took place.	Required	Date	DTM02	373	Date + Time	10,10	The date on which the performance took place.	YYYY-MM-DD
Order Number	Identifying number for Purchase Order assigned by G-Invoicing at the time of Order creation by the Buyer.	Required	Purchase Order Number	PRF01	324	AlphaNum	1,20	Identifying number for Purchase Order.	
Line Number	The Order Line number is generated in G-Invoicing, and incremented for each line added to the Order.	Required	Assigned Identification	LIN01	350	Number	1,5	The line number associated with the document.	
Schedule Number	The sequential sub-line structure below an Order Line Number. It contains the detailed financial and shipping info.	Required	Assigned Identification	SLN01	350	Number	1,5	Identifies the sequential sub-line structure below an Order Line.	
Quantity	Buyer-Represents quantity Received or Accepted. Seller-Represents quantity Shipped or Delivered.	Required	Number of Units Shipped	SN102	382	Number	1,12	Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set.	
Unit Of Measure	Units in which a value is being expressed.	Required	Unit or Basis for Measurement Code	SN106	355	AlphaNum	2,3	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken.	ANSI and ISO Units of Measure are supported.
UOM Description	The description of the Unit of Measure code.	Derived							
Price	The cost of each unit on an order line.	Required	Unit Price	SLN06	212	Number	1,23	Price per unit of product, service, commodity, etc.	
User ID	Identifies the system or human user that is exchanging data with G-Invoicing.	Derived	N/A	N/A	N/A	N/A	N/A	Derived by system.	Audit info. Not included in data exchange.
Transaction Date	The date and time the performance transaction was received by G-Invoicing.	Derived	N/A	N/A	N/A	N/A	N/A	Derived by system.	Audit info. Not included in data exchange.

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Invoices – Original Plans

- Multiple advances process not shown
- Emphasis on Invoice approval prior to fund transfer
- Reliance on, and relationship with, Performance information not yet complete defined
- Adjustment process not shown

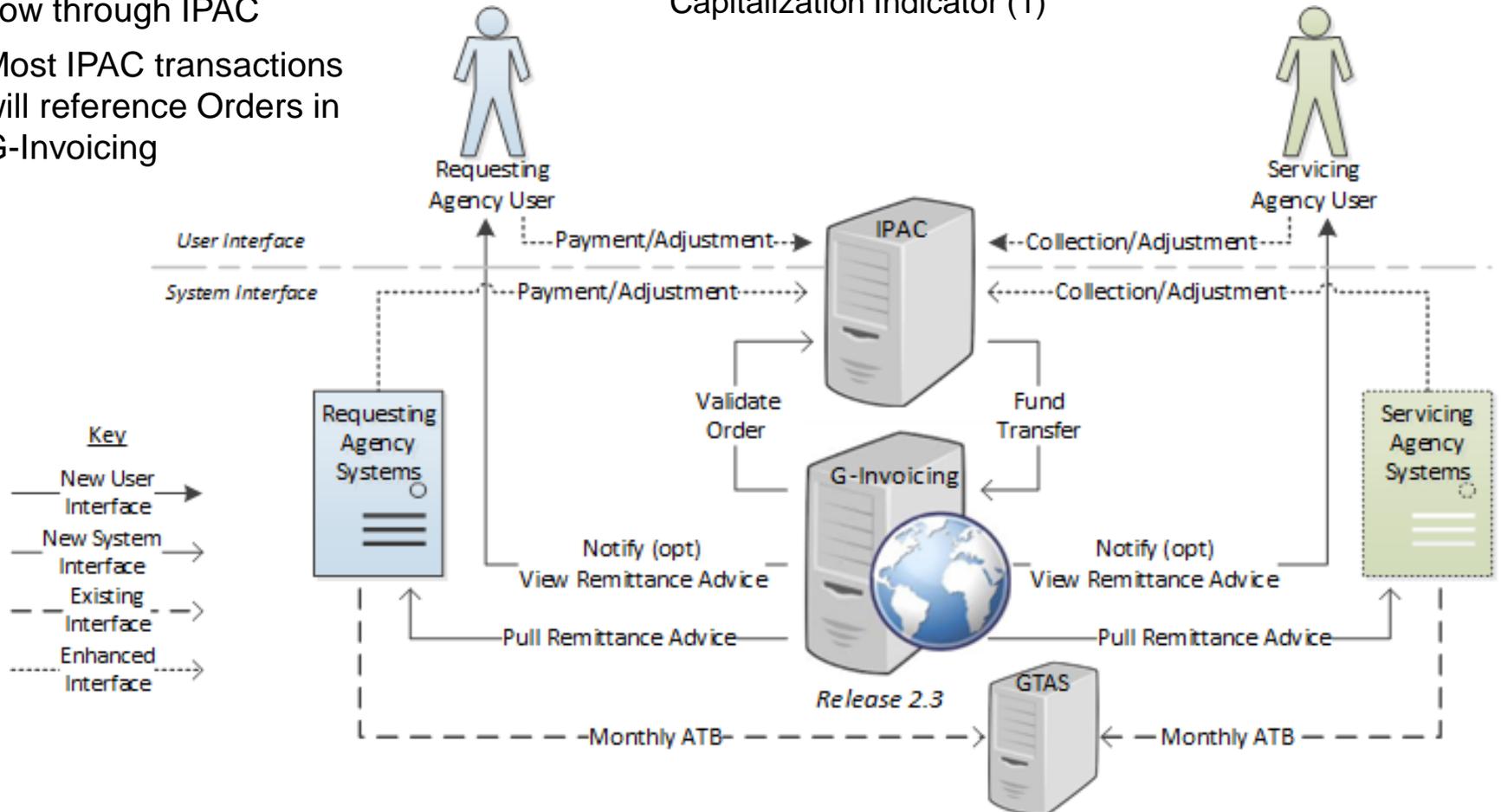**Mandatory Data Elements (24)**

Servicing Agency Invoice (11)

Servicing Agency Line (9)

Requesting Agency Approval (4)

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Invoices – New Plans

- Payments, Collections, Advances and Adjustments continue to flow through IPAC

- Most IPAC transactions will reference Orders in G-Invoicing

Additional IPAC Mandatory Data Elements (4)
Order Identifiers (3) … i.e., order, line & schedule
Capitalization Indicator (1)

Requesting Agency User

Servicing Agency User

User Interface

System Interface

----Payment/Adjustment----> IPAC <--Collection/Adjustment----

------Payment/Adjustment-------> <------Collection/Adjustment----

Validate Order

Fund Transfer

Requesting Agency Systems

Servicing Agency Systems

G-Invoicing

Key

New User Interface

New System Interface

Existing Interface

Enhanced Interface

Notify (opt) View Remittance Advice

Notify (opt) View Remittance Advice

Pull Remittance Advice

Pull Remittance Advice

Release 2.3

GTAS

-Monthly ATB-

Monthly ATB

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Invoices – Impact on Agencies

- Servicing Agencies do not need to provide Invoices to G-Invoicing
  - Continue existing interfacing with IPAC but include references to G-Invoicing Order
  - This may be more granular than your IPAC transactions are today
- Requesting Agencies do not need to implement Invoice approval process
  - Future controls governing payment/collection will be negotiated on each Order
  - As negotiated, Performance events may need to occur prior to transfer of funds
- No concern over delayed Invoice approval holding up payments
- Eases Onboarding
  - Fewer changes to Agency Systems and ERP Vendor Offerings
    - Agencies are already interfacing 80% of required Invoice data with IPAC
  - Duplicate transactions less likely during agency onboarding period
  - Adjustments and Advances go through IPAC as they do today
- Disadvantages
  - Removes Invoice workflow
  - Assumption that agencies can leverage existing interface to IPAC

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Survey Questions for Today

1. Does your agency agree that replacement or modification of performance transactions is the best way to correct errant entries?

2. Does your agency agree with the four data elements (i.e., transaction ID, UOM description, User ID transaction date) added to the Performance data standards?

3. Does your agency agree in principle that adding a handful of required data elements to IPAC will adequately replace sending the same invoice data to G-invoicing?

4. What (if any) are the obstacles you see for your agency in implementing this new streamlined approach to Government Invoicing?

5. Do you see this new approach as being better or worse than the original plan? Please explain the advantages/disadvantages for your agency.

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