Intragovernmental Transactions Working Group (ITWG)

November 14, 2017

Today's Agenda

- Survey Results (Brian Casto)
- Federal Intragovernmental Data Standards (Wes Vincent)
- Performance Transaction (Matt Conrad)
- Performance Transaction Data/Examples (Fred Thebeau)
- Proposed rules and Future Plans (Bill Schmidt)
- Survey Questions (Brian)

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Tentative ITWG Schedule

✓ Sept 12 – Order and Performance Exchanges

❑ Nov 14 – Performance Transaction (cont.)

Planned Dates

December 12

January 9

February 13

2-3 pm ET

Future Topics

DATA Act

Preparation for release 2.1

Multiple Advance Payments

Refunds and Adjustments

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Survey Results

- **Order Data Standards**
  - Unit of Measurement
    - G-Invoicing will support both ANSI and ISO standards with a 3-character UOM
  - Ship To Agency Title
    - Added to FIDS
    - G-Invoicing will also retain all three Ship To Address fields
  - Prepared By Title and Mailing Address
    - Added to the point of contact information
  - Invoice Approval Days
    - Renamed from Payment Term Days

- **Performance Transaction**
  - 13 Yes, 2 No, 2 Maybe, 3 TBD
  - Challenges:
    - Many agencies do not currently have performance information
    - System changes needed to provide the data, integrating Supply Chain and Financial systems
    - Personnel, awareness, training, workload, etc.

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More FIDS Changes

- ## Additions to Order Data Standards
  - Unit of Measurement Description
    - Description to be passed in case partners using different standards
  - Disbursing Office Symbol
    - Used my many agencies for IPAC reporting
    - Could be added to order Header or Schedule
  - Budget Fiscal Year
    - Added at Schedule level for both partners
  - Activity Address Code
    - Added at Schedule level for both partners
    - Must submit BPN or AAC (or both)

- ## Additions to GT&C Standards
  - Reason for Rejection

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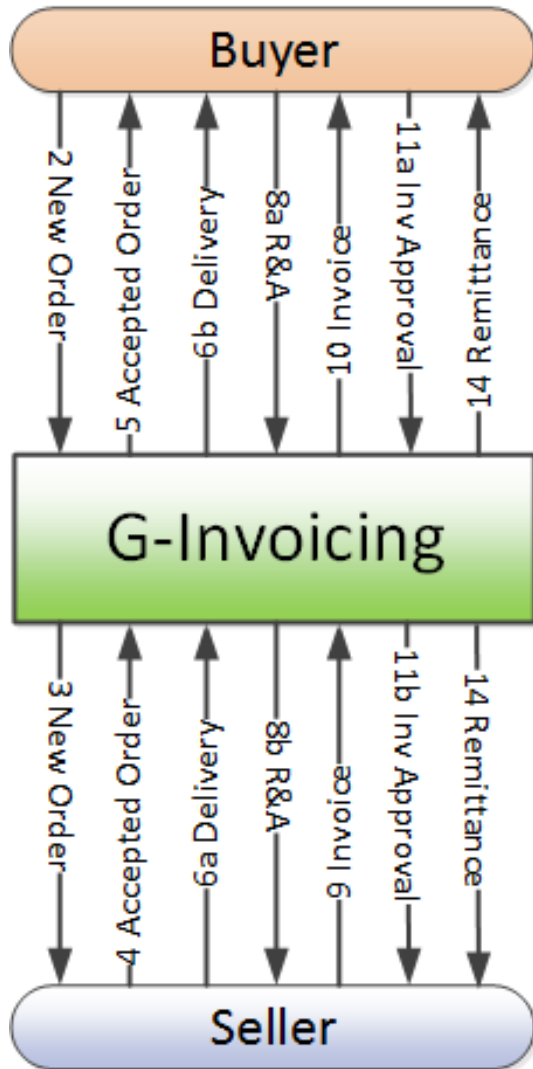
Purpose of the Performance Transaction

- Immediate objective is for the trading partners to share data in support of their accounting entries

- Focus is on reporting delivery, receipt and acceptance events which trigger your agency's accounting entries

- No additional reviews or approvals before payment
    - Only the Invoice must be approved before IPAC

- Use this information to help reconcile to your trading partners' entries

- Treasury will have new data to guide future decisions on systems and policies

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Draft FIDS for Performance

Data Element Name	Data Element Description	Required	Data Element Name	Ref	ID	Data Type	Min, Max	Description	Data Element Content Restriction
Transaction Type	Identifies the type of performance recorded (e.g., Delivery, Receipt).	Required	Date/Time Qualifier	DTM01	374	Alpha-Num	3,3	Code specifying type of date or time, or both date and time. All valid standard codes are used.	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 (length: 10)
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	Alpha-Num	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.	Decimal 12,2
Unit Of Measure	Units in which a value is being expressed.	Required	Unit or Basis for Measure-ment Code	SN106	355	Alpha-Num	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.
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.	Decimal 23,5
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 information. 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 information. Not included in data exchange.

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Business Case – Performance

Data Exchanges:

- 2 – Buyer submits Order: 1 line containing 1 schedule of 90 units
- 4 – Seller accepts Order
- **6 – Seller delivers schedule of 90 units**
- **8 – Buyer receives 90 units**
- 9 – Seller submits Invoice for 90 units
- 11 – Buyer approves Invoice for 90 units

Performance Transactions:

- **6 - Performance transaction (011-Shipped or 035 Delivered) from Seller**
- **8 - Performance transaction (050-Received or 201-Acceptance) from Buyer**

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Example - Single Line/Schedule

- Example Performance Transaction (011-Shipped) from Seller based on the Performance business case
- Example Contains a single Line and a single Schedule

Tag Name	Value
Order Number	01709-021-047-000168
Performance Date	20170929
Transaction Type	011
Line Number	1
Schedule Number	1
Quantity	90.00
Unit of Measure	EA
Price	37.00000

```xml
<?xml version="1.0" encoding="UTF-8"?>
<n1:Performance xmlns:cmn="urn:us:gov:treasury" xmlns:n1="urn:us:gov:treasury:ginv:performance"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:us:gov:treasury:
    <n1:OrderNumber>01709-00002059-00002070-000168</n1:OrderNumber>
    <n1:PerformanceDate>20170929</n1:PerformanceDate>
    <n1:TransactionType>011</n1:TransactionType>
    <n1:Lines>
        <n1:Line>
            <n1:LineNumber>1</n1:LineNumber>
            <n1:Schedules>
                <n1:Schedule>
                    <n1:ScheduleNumber>1</n1:ScheduleNumber>
                    <n1:Quantity>90.00</n1:Quantity>
                    <n1:UnitOfMeasure>EA</n1:UnitOfMeasure>
                    <n1:Price>37.00000</n1:Price>
                </n1:Schedule>
            </n1:Schedules>
        </n1:Line>
    </n1:Lines>
</n1:Performance>
```

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Example - Multiple Lines/Schedules

- Example contains two Lines
  - Line Number 2 contains two Schedules
- Schema allows for 1:M Lines and Schedules

```xml
<?xml version="1.0" encoding="UTF-8"?>
<n1:Performance xmlns:cmn="urn:us:gov:treasury" xmlns:n1="urn:us:gov:treasury:ginv:performance"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:us:gov:treasury:ginv:performance Performa
    <n1:OrderNumber>01709-00002059-00002070-000168</n1:OrderNumber>
    <n1:PerformanceDate>20170929</n1:PerformanceDate>
    <n1:TransactionType>011</n1:TransactionType>
    <n1:Lines>
        <n1:Line>
            <n1:LineNumber>1</n1:LineNumber>
            <n1:Schedules>
                <n1:Schedule>
                    <n1:ScheduleNumber>1</n1:ScheduleNumber>
                    <n1:Quantity>30.00</n1:Quantity>
                    <n1:UnitOfMeasure>EA</n1:UnitOfMeasure>
                    <n1:Price>37.00000</n1:Price>
                </n1:Schedule>
            </n1:Schedules>
        </n1:Line>
        <n1:Line>
            <n1:LineNumber>2</n1:LineNumber>
            <n1:Schedules>
                <n1:Schedule>
                    <n1:ScheduleNumber>1</n1:ScheduleNumber>
                    <n1:Quantity>30.00</n1:Quantity>
                    <n1:UnitOfMeasure>EA</n1:UnitOfMeasure>
                    <n1:Price>37.00000</n1:Price>
                </n1:Schedule>
                <n1:Schedule>
                    <n1:ScheduleNumber>2</n1:ScheduleNumber>
                    <n1:Quantity>30.00</n1:Quantity>
                    <n1:UnitOfMeasure>EA</n1:UnitOfMeasure>
                    <n1:Price>37.00000</n1:Price>
                </n1:Schedule>
            </n1:Schedules>
        </n1:Line>
    </n1:Lines>
</n1:Performance>
```

Tag Name	Value
Order Number	01709-021-047-000168
Performance Date	20170929
Transaction Type	011
LineNumber	1
Schedule Number	1
Quantity	30.00
Unit of Measure	EA
Price	37.00000
Line Number	2
Schedule Number	1
Quantity	30.00
Unit of Measure	EA
Price	37.00000
Schedule Number	2
Quantity	30.00
Unit of Measure	EA
Price	37.00000

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Proposed G-Invoicing Functionality

- **Process Data from FPAs**
  - Provide web service (API) to accept Performance Transactions
  - Allow multiple Performance Transactions against a single order/line/schedule
  - Performance Transactions must reference approved Orders
  - Otherwise relaxed validation rules, at least initially

- **Provide Data to FPAs**
  - Performance data should initially be used to assist with reconciliation
  - Performance data may be extracted by date range and by ALC (into Excel)

- **Future plans**
  - Provide a web service (API) to pull Performance Transaction data into agency systems
  - Expand Federal Intragovernmental Data Standards to include additional Delivery, Receipt and Acceptance data
  - Consider additional validation rules and reporting requirements
  - Allow data entry via User Interface

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Survey Questions for Today

1. Do you have any concerns with or suggestions for the proposed changes to data standards shown on slide 5?

2. Do you have any concerns with or suggestions for the proposed data elements on slide 7?

3. Does any of the information describing the Performance Transaction appear to be wrong or impossible for your agency?

4. Which (if any) of the Future Plans listed on slide 11 are important to your agency?

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