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

Intragovernmental Transactions Working Group (ITWG)

July 9, 2019

Today's Agenda

- Tentative ITWG Schedule
- Updates:
  - Implementation Plans
  - OMB
  - Accruals
  - Vendors
- Survey Results
- Finalized Settlement Data and Rules
- Settlement Extract
- Survey Questions
- Q&A

Tentative ITWG Schedule

- ✓ April 9 – More on Administrative Changes and Settlement
- ✓ May 14 – Mapping FIDS to IPAC, Settlement Rules
- ❑ July 9 – Program Updates, Settlement, Remittance Files

FMSC conference is Aug 12-14 (no August ITWG meeting)

Planned Dates: Sept 10, Nov 12 (no October meeting)

Future Topics:

- Loading Active Documents
- Reporting Requirements (cont.)
- Authoritative Source

2-3 pm ET

Agency Implementation Plans – Update

- Implementation Plans and Attachment A's were due to Fiscal Service by June 28, 2019
  - Currently we have received 68% of plans
- Fiscal Service is currently reviewing and analyzing the Plans and Attachment A's
- Fiscal Service will be creating resources and tools to share information with agencies
  - Visibility between Trading Partners
  - Publishing August 2019

Office of Management & Budget – Update

- Working group meeting hosted by OMB to review FIDS and OMB procurement guidance (FAR, OMB 2008 Memo, etc.) as it relates to interagency agreements ONLY (specifically focused on assisted acquisitions)
- Completed 5 working sessions, and the working group is identifying potential problem areas and solutions
- The working group is looking at potential modifications to both OMB and Treasury guidance
- Goal is to align Treasury and OMB guidance

Agency Questions regarding Accruals

- G-Invoicing Program Guide established the performance date as the driver for agencies recording accruals
- Agencies have expressed a need for a cut-off date to record accruals (such as no more after the 8^{th} business day)
- Fiscal Service is exploring this functionality and looking to see if accounting period could be used instead of performance date and what kind of controls G-Invoicing could put in place to enforce timely accruals

ERP and Software Provider Engagement

Leveraging the Financial Management Standards Committee (FMSC), the G-Invoicing Program has been working with the Federal Enterprise Resource Planning and Software providers listed below to integrate G-Invoicing functionality within their offerings. Details regarding these efforts are noted below with points of contact for further information.

- **CGI Momentum:** For information on Momentum's G-Invoicing product direction, please join monthly calls hosted by Mr. Reed Waller with the Momentum Working Group and Momentum User Group (MUG). To join the Momentum Working Group calls, contact Reed.V.Waller@usdoj.gov. For additional information please contact Kerry Canfield at Kerry.Canfield@cgifederal.com.

- **ORACLE:** For information on Oracle's G-Invoicing product direction, please join monthly calls hosted by Ms. Lana Null with the Oracle Working Group and Oracle Development. To join the Oracle Working Group calls, contact Lana.Null@faa.gov. For additional information please contact Mike Barker at Michael.Barker@Oracle.com.

- **SAP:** For information on SAP's G-Invoicing product direction, please join monthly calls hosted by Mr. Martin Quinlan with the SAP Working Group and SAP Development. To join the SAP Working Group calls, contact Peter_Gabel@ios.doi.gov. To access specific information relating to SAP's support for your Agency please send a request to SAP_G-Invoicing_Support@sap.com . Once received, SAP will contact you directly to grant you access to a repository of this information. For any additional information please contact John Purcell john.purcell@sap.com and Yves Archambault yves.archambault@sap.com.

- **Unison (Formerly Compusearch):** For information on Unison's G-Invoicing product direction, please reference their G-Invoicing solution website.

Survey Results

- Vast majority of respondents are in favor of mapping Performance Comments in G-Invoicing to Description in IPAC
  - Comments will be truncated at 320 characters
  - The full 1000 characters are available in G-Invoicing
- Vast majority of respondents are in favor of mapping Additional Accounting Classification in G-Invoicing to Miscellaneous Transaction Information in IPAC?
  - G-Invoicing will use Additional Accounting Classification from agency that submitted the Performance which triggered settlement
- As it was in 2018, agencies are split on Unit of Measurement standard
  - Vendors support American (ANSI) and International (ISO) standards
  - Policies on Federal standards inconclusive
  - Slight edge towards ANSI X-12, for example:
    - DO = Dollars
    - EA = Each
    - HR = Hours

Settlement Features Coming in 2019

- Settlement requests from G-Invoicing to IPAC
  - Only some Performance Types trigger settlement
    - Advances always trigger collections
    - Delivered/Performed when FOB Source
    - Received/Accepted when FOB Destination
  - Transactions should settle in minutes; CARS the next day
- Performance FIDS includes settlement confirmation
  - Settlement Status (see next slide)
  - Traceability from G-Invoicing to IPAC to CARS
    - ALC, DO Symbol and Document Reference Number
- Settlement related enhancements
  - Delete future Performance
  - Performance reporting will include Settlement data

Determining Settlement Status

- Performance which does not trigger settlement will be set to ‘INF’ (informational only) status
- Performance which will trigger settlement will be set to ‘PND’ (pending) status
  - Settlement will be delayed if Performance Date is in the future
- Performance for which settlement has occurred will be set to ‘STL’ (settled) status
- Performance for which settlement has failed will be set to ‘ERR’ (error) status
- Future dated Performance transactions that have been logically deleted will be set to ‘XXX’ (deleted) status
  - Deleted Performance can be viewed or pulled through API
  - Notification will be sent to subscribers

Performance FIDS for Settlement

Name	Description	Level	Validation Rules
Status Code	The current status of the requested document.	Header	N/A for input by agencies. Status assigned by the System: PRE for performance reported in Rel 2.3, prior to settlement. INF(ormational) if Performance does not trigger settlement. See settlement rules in Push spec. PND if settlement is currently pending. STL if settlement has occurred. XXX if (future) performance transaction was deleted. ERR if settlement failed. Actionable only by G-Invoicing Prod Support.
Disbursing Office Symbol	An identifier assigned to the agency which is disbursing funds from the Treasury General Account (TGA).	Header	Managed by IPAC. Not allowed for input by agencies. Only applicable if Status is STL. Each ALC is assigned one DO Symbol to be used for IPAC.
Document Reference Number	Details a unique identifying number created by a system for a document, e.g. payment or collection document.	Header	Generated by IPAC. Not allowed for input by agencies. Only applicable if Status is STL.
Transfer Date	The date that funds are transferred into or out of the TGA. (Equivalent to IPAC's Accomplished Date)	Header	Generated by IPAC. Not allowed for input by agencies. Only applicable if Status is STL.

G-Invoicing/IPAC Data Mapping

- G-Invoicing to IPAC
  - Data elements that can be transferred from G-Invoicing to IPAC
  - Will be included in Transaction Download report, albeit some transformed
- Not exchanged
  - No logical place in IPAC for G-Invoicing data
  - No use in G-Invoicing for IPAC data
- IPAC to G-Invoicing
  - Data sent back to G-Invoicing to designate settled status and provide traceability

G-Invoicing to IPAC Data Mapping

Name	Description	Data Source/Rules
Originating ALC	The ALC sending the Payment or Collection transaction	Requesting ALC on Order for Performance Type '050' (Received/Accepted), otherwise the Servicing ALC.
Customer ALC	ALC receiving the Payment or Collection transaction	Servicing ALC on Order for Performance Type '050' (Received/Accepted), otherwise the Requesting ALC.
Contact Name	Name of user responsible for transaction	If Perf Type = 050 (Received/Accepted) use Requesting Agency POC Name from Order, otherwise use Servicing Agency POC Name.
Contact Email Address	Email of user responsible for transaction	If Perf Type = 050 (Received/Accepted) use Requesting Agency POC Email Address from Order, otherwise use Servicing Agency POC Email Address.
Contact Phone Number	Phone of user responsible for transaction	If Perf Type = 050 (Received/Accepted) use Requesting Agency POC Telephone Number from Order, otherwise use Servicing Agency POC Telephone Number.
Contract Number	Unique number used to identify a contract between two partners	Strip three dashes (-) from GTC Number … e.g., A1903-123-234-000345 becomes A1903123234000345
Purchase Order Number	Number of the document from the receiving agency requesting goods or services	Strip three dashes (-) from Order Number … e.g., O1903-123-234-000345 becomes O1903123234000345 There is room for full Order # but we seek consistency.
CLIN	Contract Line Item Number	Performance Detail Number … left justify
Invoice Number	ID of the invoice sent by the biller listing the services rendered	Strip three dashes (-) from Performance Number … e.g., P1903-123-234-000345 becomes P1903123234000345
Quantity	Number of units	Quantity in Performance Detail. Must be positive.
Unit Price	Cost per unit	Order Schedule Unit Price, rounded to 2 decimals … e.g., 32.3468 becomes 32.35
Detail Amount	Quantity x Unit Price	Calculated by GINV and rounded: Performance Quantity x Order Schedule Unit Price IPAC should not validate to prevent rounding errors.

G-Invoicing to IPAC Data Mapping (cont.)

Name	Description	Data Source/Rules
Pay Flag	"F" – Final payment or "P" – Partial payment	Final Performance Indicator on Performance Detail. If not 'F' then use 'P'.
Receiver Treasury Account Symbol	Also known as an appropriation or fund symbol. Account number assigned by Treasury to classify Agency transactions	8 TAS components on Order/Line/Schedule. Use requesting agency's TAS if Performance Type is '050' (Received/Accepted), otherwise servicing agency's TAS.
Receiver Business Event Type Code	Identifies the type of event that is recorded against a TAS	Value is opposite of Sender BETC: If 'DISB' then 'COLL'. If 'DISBAJ' then 'COLLAJ'. If 'COLL' then 'DISB'. If 'COLLAJ' then 'DISBAJ'.
Receiver DUNS Receiver DUNS+ 4	Unique identifier for individual business locations for federal vendors and federal customers	BPN in Order Header. BPN+4 in Order Schedule. *Looking at SAMMI replacement*
Sender Treasury Account Symbol	Also known as an appropriation or fund symbol. Account number assigned by Treasury to classify Agency transactions	8 TAS components on Order/Line/Schedule. Use servicing agency's TAS if Performance Type is '050' (Received/Accepted), otherwise requesting agency's TAS.
Sender Business Event Type Code	Identifies the type of event that is recorded against a TAS	If Performance Type = '050' (Received/Accepted): If Performance Quantity > 0 then BETC = 'DISB'. If Performance Quantity < 0 then BETC = 'DISBAJ'. If Performance Type <> '050' (Received/Accepted): If Performance Quantity > 0 then BETC = 'COLL'. If Performance Quantity < 0 then BETC = 'COLLAJ'.
Sender DUNS Sender DUNS+4	Unique identifier for individual business locations for federal vendors and federal customers	BPN in Order Header. BPN+4 in Order Schedule. *Looking at SAMMI replacement*

G-Invoicing to IPAC Data Mapping (cont.)

Name	Description	Data Source/Rules
Receiver Treasury Account Symbol	Also known as an appropriation or fund symbol. Account number assigned by Treasury to classify Agency transactions.	8 TAS components on Order/Line/Schedule. Use requesting agency's TAS if Performance Type is '050' (Received/Accepted), otherwise servicing agency's TAS.
Accounting Classification Code	Code/number which identifies a project or mission and is supplied to the biller by the customer on the original request for goods/services	First 16 characters of Requesting Agency Project ID
Accounting Classifica-tion Reference Number	ACRN identifies a line of accounting on a contract	Accounting Classification Reference Identifier on Schedule
Job Number	Job (Project) Number	First 20 characters of Servicing Agency Project ID
Obligating Document Number	Billing agency's internal accounting document associated with a specific bill or disbursement	Strip three dashes (-) from Order Number … e.g., O1903-123-234-000345 becomes O1903123234000345
Description	Sufficient information to describe and support the adjustment transaction	First 320 chars of Comments in Performance Header
Miscellaneous Transaction Information	Additional miscellaneous transaction information	If Performance Type = 050 (Received/Accepted) use Requesting Agency Additional Accounting Classification from Order, otherwise use Servicing Agency's.
DOD Activity Address Code	Identifies a Department of Defense activity location	Use AAC on Order/Line/Schedule
Transaction Contact	Transaction level Contact Name.	Prepared By Name on Performance
Transaction Contact Phone	Transaction level Contact Phone Number.	Prepared By Phone on Performance
Transaction Set ID	"820" – Payment or "810" – Collection.	If Performance Quantity > 0 If Performance Type = 050 then 820, otherwise 810. If Performance Quantity < 0 If Performance Type = 050 then 810, otherwise 820.

Data Not Exchanged

Name	Description	Data Source/Rules
Transaction ID	A unique identifier used to identify a specific transaction submission	Generated by IPAC and sent to CARS Not shared with G-Invoicing
Submitter ALC	The ALC sending the Payment or Collection transaction.	IPAC to set to zero, indicating the transaction did not originate from a bulk file
Summary Amount	Total amount of the Transaction	Generated by IPAC. Not shared with G-Invoicing
Detail Line Number	Identifies the specific detail line number for an IGT	Generated by IPAC. Not shared with G-Invoicing
Accounting Date	Posting period	Assigned by IPAC based on Accomplished Date
Requisition Number	Identifies a requisition between trading partners	Literal assigned by IPAC to identify G-Invoicing as source
Unit of Issue	Units by which goods and services are measured	N/A … no attempt to map ANSI/ISO standards to UOI in IPAC
FY Obligation ID	"C" – Current fiscal year obligation or "P" – Prior fiscal year obligation or " " – Not applicable	N/A … nothing like it in G-Invoicing or in FIDS
Receiver Dept Code	2-char code replaced recently by 3-digit AID	N/A … nothing like it in G-Invoicing or in FIDS
JAS Number	Combination of Job Order Number, Accounting Classification Record Number and Site-ID	N/A … nothing like it in G-Invoicing or in FIDS
FSN AAA ADSN	FSN/AAA/ADSN – subdivision of ALC, an accounting station	N/A … nothing like it in G-Invoicing or in FIDS
ACT Trace Number	Accounting Trace Number – user assigned ID to enable back end systems to match up transactions.	N/A … nothing like it in G-Invoicing or in FIDS

IPAC to G-Invoicing Data Mapping

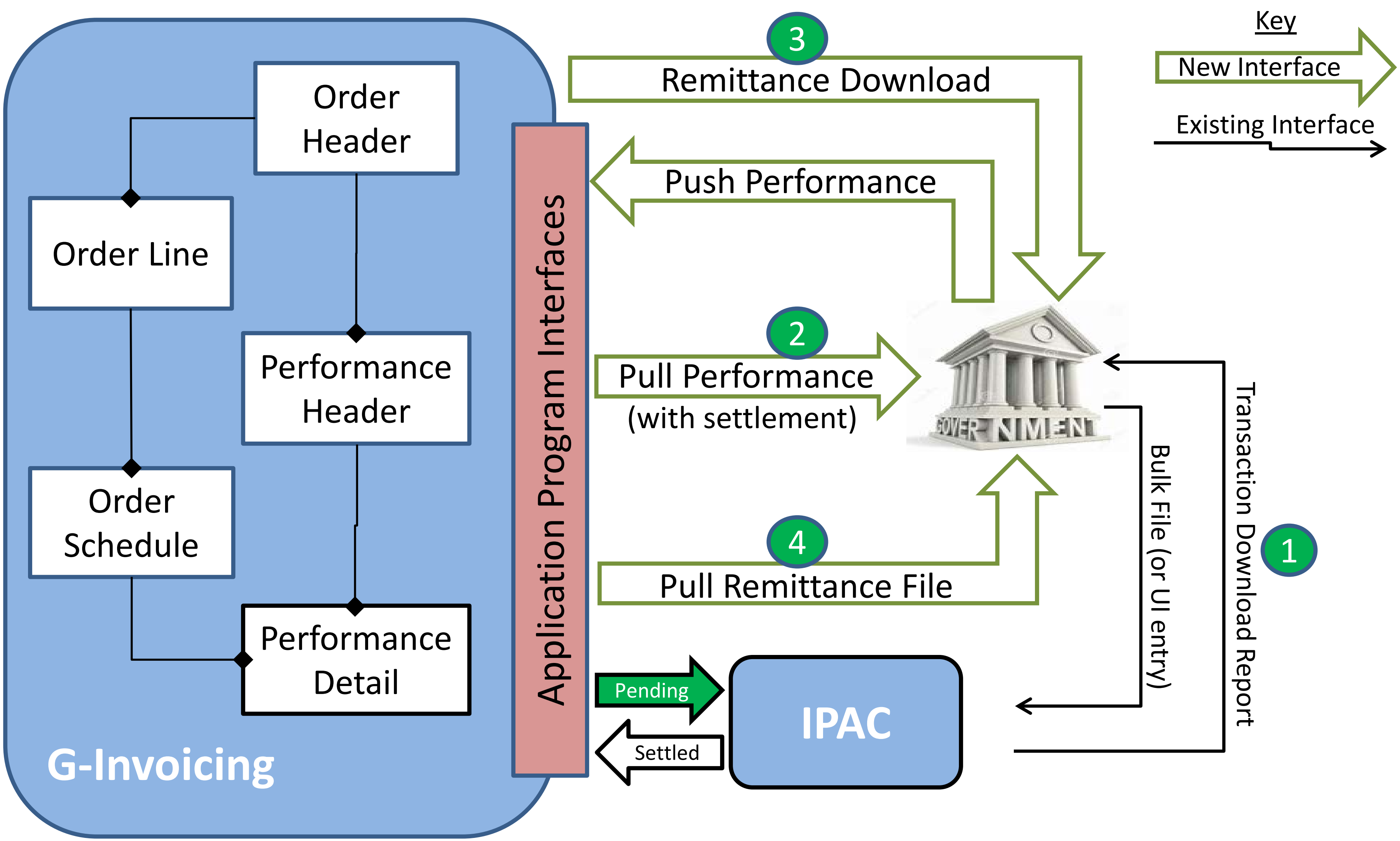
Name	Description	Data Source/Rules
Accomplished Date	Date on which IPAC was processed	Generated by IPAC and returned in response. Stored in G-Invoicing as Performance Transfer Date.
Document Reference Number	A unique reference number used to identify a specific IGT	IPAC to generate unique DRN within ALC/DO Symbol, used to trace between GINV/IPAC/CARS
Sender DO Symbol	Organizational ID (below ALC) used by IPAC so ALC/DO/DRN is unique	Managed by IPAC and used to trace between GINV/IPAC/CARS

- Document Reference Number (DRN) is no longer controlled by the agencies
  - Agency Transaction Identifier can be used to link a key identifier in an agency's system (e.g., invoice number) to the Performance record in G-Invoicing
  - DRN is passed from IPAC back to G-Invoicing for traceability
  - DRN will continue to be passed from IPAC to CARS for traceability

April Survey Results – Remittance Report

- We asked: How will your agency consume Remittance data from G-Invoicing … and how will you want that data filtered?
  1. Many agencies (and vendors) want to continue pulling Transaction Download report from IPAC
  2. Many agencies (and at least one vendor) plan to pull Performance and Orders though APIs then report Remittance on their own
  3. Many agencies want to report Remittance from G-Invoicing
     - CSV and Excel are common formats
     - Some want to report daily and others less frequently
     - Reporting by accomplished/settlement date is most popular
     - Reporting by Organization is common (i.e., partner, ALC, department, business unit, cost center)
     - Reporting by document is common (e.g., "Invoice", Order, GT&C, Document Reference Number)
     - Reporting by TAS is common

Extracting Remittance Data



Remittance Reporting Requirements

- Format
  - Agencies have asked for CSV, Excel and XML
    - Agencies can upload CSV into MS-Excel
  - XML is Treasury's standard, and suitable for data of this depth
    - GT&C
      - Order Header
        - Order Line
          - Order Schedule
        - Performance Header
          - Performance Detail
  - New CSV export to include full Remittance data set
    - CSV file can employ multiple record types or contain repeated data
    - Estimated 100 data elements occupying 4000 characters per settlement record
  - There will be a limit to the size of the Remittance file
    - Compression could reduce file size by 50x

Remittance Reporting Requirements (cont.)

- Frequency
  - Some agencies want to report daily and others less frequently
    - Filtering by Performance Date range supports any frequency
    - G-Invoicing will typically settle with IPAC within 15 minutes
- Filters
  - Performance filters for user interface (in Release 2.3) include:
    - Order Number, Performance Number or Agency Transaction ID
    - Performance Date (range)
  - Additional filters could be added if needed, for example:
    - Status (e.g., STL = settled)
    - Transfer Date (aka, Accomplished Date) range
    - Partner ALC
    - Treasury Account Symbol
  - Similar filters will be available for the Pull Remittance API

Survey Questions for Today

1. Please provide your agency name and (ideally) your contact info so we can address your concerns.
2. Do you see anything in the plans for G-Invoicing to settle with IPAC that is a cause of concern for your agency?
3. How many business days should agencies have at month end to communicate accruals?
4. Do you think performance date or accounting period should be used to communicate the accrual information?
5. Does the change to how Document Reference Number will be generated (on slide 17) present an insurmountable challenge for your agency? (Please explain).

Describe how your agency will extract remittance data from G-Invoicing? Specifically:

6. Will you export CSV via user interface, pull XML from API or both?
7. Do you need to get remittance data into an MS-Excel format?
8. Would you have issues decompressing a Zipped file?
9. Do you need to extract more than a month of data at a time?
10. What filters does your agency want to use?