



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

Intragovernmental Transactions Working Group (ITWG)

April 9, 2019

Today's Agenda

- Tentative ITWG Schedule (Alex Abshire)
- Survey Results (Alex)
- Settlement of Performance (Wes Vincent)
- Settlement Reporting (Wes)
- Survey Questions (Alex)

Tentative ITWG Schedule

- ✓ February 12 – More on Performance, changes to Order
 - ✓ March 12 – Remittance Advice, Administrative Changes
 - ❑ April 9 – More on Administrative Changes and Settlement
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Planned Dates: May 14, June 11, July 9, Aug 20, Sept 10 ...

Future Topics:

- System of Record
- Sensitive Agency Data
- Onboarding with Open Orders
- Reporting Requirements



2-3 pm ET

Survey Results

- Drop BPN+4 from Order FIDS?
 - Results evenly split between Yes/No/Maybe
 - Currently required for at least one ERP offering
 - **Decision:** BPN+4 will remain on Schedule as optional
- Scale back on Administrative Changes to Orders?
 - Authority Fund Type, Title and Citation
 - Advance Payment Authority Title and Citation
 - Acceptance/Inspection Point/Place
 - **Decision:** All three will require Order Modification and Approval
 - Details to be published on [G-Invoicing website](#) in Order FIDS
- Remaining questions covered on next slides
 - Reporting settlement data out of G-Invoicing
 - Mapping G-Invoicing FIDS to IPAC's SCV file

Survey Results – Settlement Reporting

- Many agencies (and vendors) want to continue pulling Transaction Download from IPAC ... More on that later
- Many agencies (and vendors) plan to pull Performance and Orders through APIs then report settlement on their own
- Many agencies want to report settlement 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

Survey Results – IPAC’s CSV File

- There appears to be some confusion regarding the future of the Transaction Download Report from IPAC
 - Yes, the CSV file will still be available for the foreseeable future
 - Yes, the CSV file could contain all buy/sell activities, both initiated directly in IPAC and initiated in G-Invoicing to IPAC
 - However, transactions flowing from G-Invoicing will look different
 - Your agency no longer controls the data going to IPAC
 - Settlement requests will be generated from G-Invoicing
 - G-Invoicing is limited to the Federal Intragovernmental Data Standards
 - Mapping of G-Invoicing data to IPAC is government-wide, subsequently unlikely to match what your agency is sending IPAC today
 - Your agency (and/or vendor) should assess obtaining settlement data directly from G-Invoicing’s APIs or CSV extracts
 - IPAC’s CSV file may help you during the transitional period
 - But you will have to interpret data from two different sources

Performance Triggered Settlement

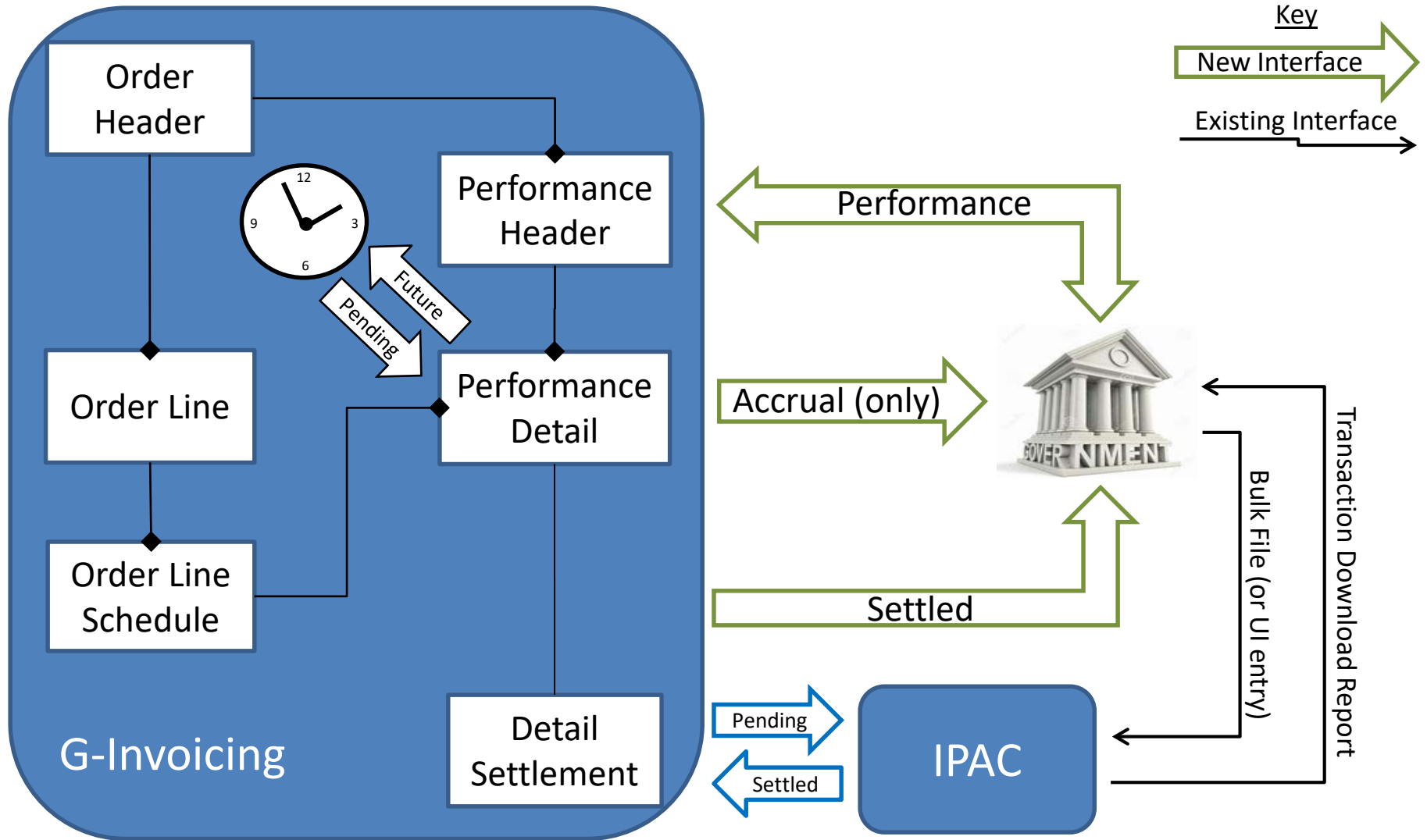
- Planned for a late 2019 release ...
- Settlement requests will be passed from GINV to IPAC
 - Only some Performance records will trigger settlement
 - Advances always trigger collections
 - Some Delivered/Performed trigger collections
 - Some Received/Accepted trigger disbursements
 - Those that do will be flagged as “pending” settlement
 - **Future dated settlement to be flagged as “future” then set to “pending”**
 - IPAC/GINV interface will update Performance as “settled”
- Final version of Federal IGT Data Standards and updates to “Pull” specifications planned for April 2019
- Performance FIDS and the Performance Pull API will be extended to include settlement information from IPAC
- Remittance Advice is now considered a reporting concept

Performance FIDS Extends to Settlement

Data Element	Data Element Description	Level	Validation Rules	Type	Len.
Status	Tracks the status of fund transfer. Values: ACR = Accrual (only), FUT = Future (dated), PND = Pending (settlement), or STL = Settled	Header	Not allowed for input by agencies through UI or API. Status assigned by the System.	Char	3
Disbursing Office Symbol	Org ID (below ALC) used by IPAC so ALC/DO/DRN is unique. Also used to segment agency data.	Header	Not allowed for input by agencies through UI or API. Only applicable if Settlement Status <> 'A'.	Char	5
Document Reference Number	A unique reference number used to identify a specific intragovernmental transaction.	Header	Not allowed for input by agencies through UI or API. Only applicable if Settlement Status <> 'A'.	Char	8
Settlement Date	The date upon which the funds are transferred. (IPAC Accomplished Date).	Header	Not allowed for input by agencies through UI or API. Only applicable if Settlement Status = 'S'.	Date	8
Settlement Transaction ID	A unique identifier used to identify a specific transaction submission.	Header	Not allowed for input by agencies through UI or API. Only applicable if Settlement Status = 'S'.	Numeric	16
Settlement Detail Line Number	Identifies the specific detail line number for an intragovernmental transaction.	Detail	Not allowed for input by agencies through UI or API. Only applicable if Settlement Status = 'S'.	Numeric	6

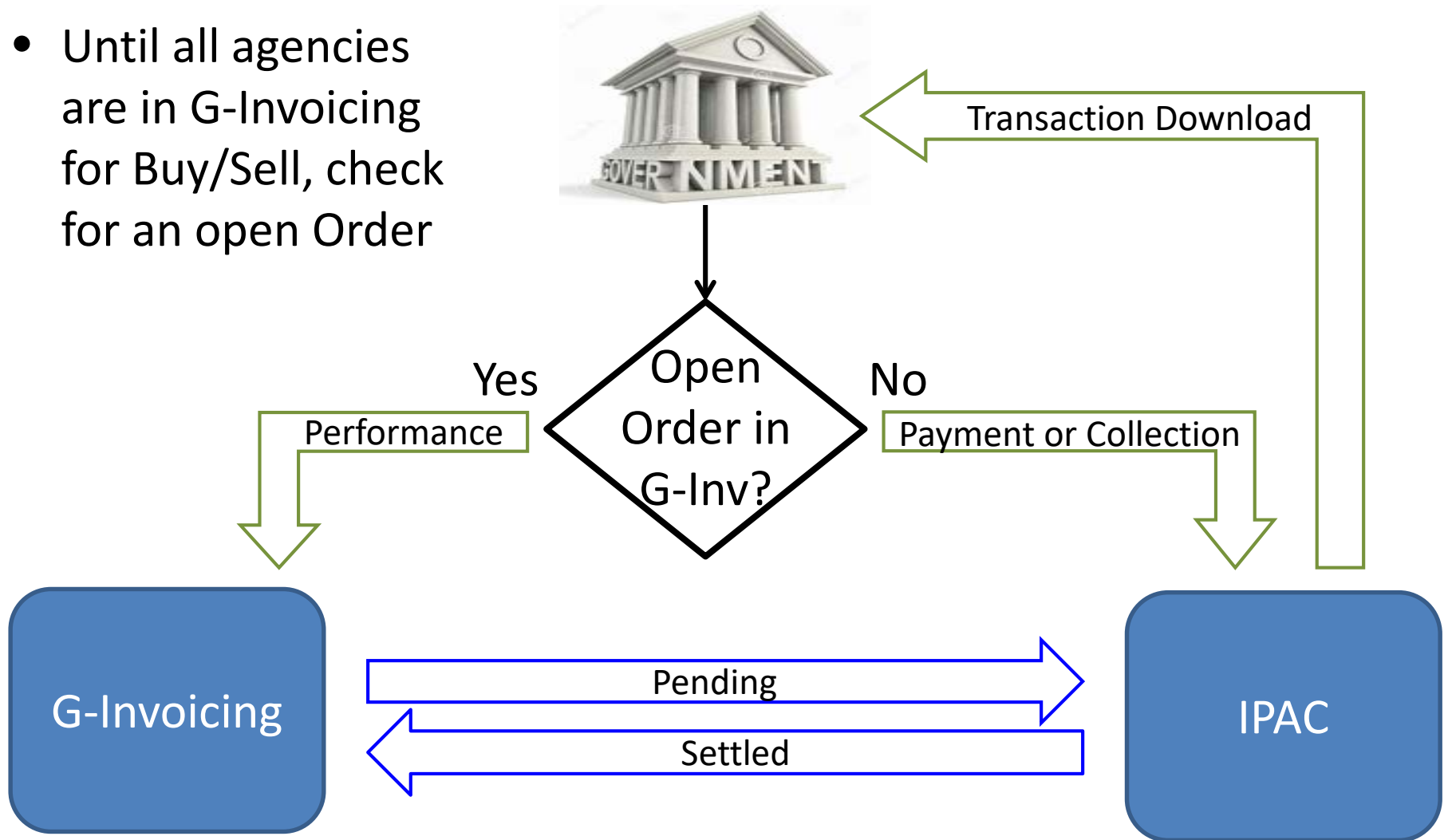
- Every Performance Transaction will be assigned a Status
- Other five data elements only applicable for settlement requests
- Values for all six data elements controlled by GINV or IPAC systems

Settlement Data Exchanges



Sending IGT Buy/Sell Settlement Requests

- Until all agencies are in G-Invoicing for Buy/Sell, check for an open Order



G-Invoicing Data Required by IPAC (1 of 2)

- 12 of 17 required data elements in IPAC are straight-forward

<u>IPAC CSV Name</u>	<u>IPAC Type</u>	<u>Length</u>	<u>IPAC Description</u>	<u>GINV Source for Data on IPAC CSV File</u>
Submitter ALC	Numeric	8	ALC submitting the Transaction	Depends on what Performance triggered settlement. Req ALC for Received/Accepted. Otherwise the Serv ALC.
Originating ALC	Numeric	8	The ALC sending the Payment or Collection transaction	Requesting ALC for Received/Accepted. Otherwise the Servicing ALC.
Customer ALC	Numeric	8	Agency Location Code receiving the Payment or Collection transaction	Servicing ALC for Received/Accepted. Otherwise the Requesting ALC.
Quantity	Numeric	12.2	Number of units to determine total price	Quantity in Performance Detail
Unit Price	Numeric	19.2	Price per unit of product, service, commodity, etc.	Order Schedule Unit Price
Detail Amount	Numeric	14.2	Quantity x Unit Price	Calculated by GINV
Pay Flag	Alpha/Num	1	"F" – Final payment or "P" – Partial payment	Final Performance Indicator on Performance Detail
Receiver Treasury Account Symbol	Alpha/Num	27	Account number assigned by Treasury to classify Agency txns.	8 TAS components on Order/Line/Schedule. Receiver is the partner that did not submit Performance.
Receiver BETC	Alpha/Num	8	Identifies the type of event that is recorded against a TAS	Derived by G-Inv depending on what Performance triggered settlement and whether quantity is +/-
Sender Treasury Account Symbol	Alpha/Num	27	Account number assigned by Treasury to classify Agency txns.	8 TAS components on Order/Line/Schedule. Sender is the partner that submitted Performance.
Sender BETC	Alpha/Num	8	Identifies the type of event that is recorded against a TAS	Derived by G-Inv depending on what Performance triggered settlement and whether quantity is +/-
Transaction Set ID	Alpha/Num	3	"820" – Payment or "810" – Collection.	Generated by G-Inv. 810 if servicing agency performance. 820 if requesting agency performance.

G-Invoicing Data Required by IPAC (2 of 2)

- 5 of 17 required data elements in IPAC are not as clear-cut

<u>IPAC CSV Name</u>	<u>IPAC Type</u>	<u>Length</u>	<u>IPAC Description</u>	<u>GINV Source for Data on IPAC CSV File</u>
Purchase Order Number	Alpha/Num	22	Number of the document from the agency requesting goods or services	Order Number
Invoice Number	Alpha/Num	22	ID of the invoice sent by the biller listing the services rendered	Performance Number Note: Cannot fit both Performance + Detail Number(s)
Unit of Issue	Alpha/Num	2	Units by which goods and services are measured	Fixed value ... no attempt to map ANSI and ISO standards to UOI in IPAC
Obligating Document Number	Alpha/Num	17	Billing agency's internal accounting document associated with a specific bill or disbursement	Would seem to indicate Order Number, but (a) we already have PO Num, (b) Order Num is 20 char, and (c) an Order is not a "bill". Could use other IDs but all > 17 chars.
Sender DO Symbol	Alpha/Num	5	Org ID (below ALC) used by IPAC so ALC/DO/DRN is unique. Also used to segment agency data.	Generated by GINV (e.g., GINV1) ... allow it to increment (e.g., GINV2) when DRN maxes out (> 99,999,999). Note: Some agencies control this today for IPAC bulk file.

- Order Number from G-Invoicing equates to PO Number in IPAC
 - That also seems to equate to the Obligating Document Number
- No invoices per se, so Performance Number equates to Invoice Number
- We decided not to convert ISO/ANSI units of measure to Unit of Issue
- DO Symbol discussed on next slide

Disbursing Office Symbol

- DO Symbol used by IPAC to re-sequence Document Reference Number
 - Doc Ref Num must be unique within ALC/DO
- DO Symbol is used by some Agencies to segment their data in IPAC
- G-Invoicing data is segmented using organizational filter(s), as part of the permissions model
 - Cost Center
 - Business Unit
 - Department ID

} *Org filters can be used in any way your agency sees fit*
- Organizational filters and permissions are managed by the Agencies
 - Org Administrators manage Org Filters and Data Access Groups
 - User Administrators assign users to Roles and Data Access Groups
- DO Symbol will no longer be under Agency control
- G-Invoicing will now control the DO Symbol value sent to IPAC
 - Meets IPAC data requirement without adding to Order FIDS
 - DO Symbol will be incremented when Doc Ref Num exceeds 8-digits
 - Distinguishes source of transaction in IPAC (i.e., GINV vs direct by Agency)

Optional IPAC Data from G-Inv (1 of 3)

- 8 of 17 optional data elements in IPAC are straight-forward

<u>IPAC CSV Name</u>	<u>IPAC Type</u>	<u>Length</u>	<u>IPAC Description</u>	<u>GINV Source for Data on IPAC CSV File</u>
Receiver DUNS	Alpha/Num	9	Unique identifier for individual business locations for federal vendors and federal customers	BPN in Order Header.
Receiver DUNS+ 4	Alpha/Num	4		BPN+4 in Order Schedule.
Sender DUNS	Alpha/Num	9	Unique identifier for individual business locations for federal vendors and federal customers	BPN in Order Header.
Sender DUNS+4	Alpha/Num	4		BPN+4 in Order Schedule.
Accounting Classification Reference Number	Alpha/Num	12	ACRN – identifies a line of accounting on a contract	Accounting Classification Reference Identifier on Schedule
Description	Alpha/Num	320	Sufficient information to describe and support the adjustment transaction	Use first 320 chars of Comments in Performance Header
Document Reference Number	Alpha/Num	8	A unique reference number used to identify a specific iIGT	G-Inv to generate unique DRN within ALC/DO Symbol, used to trace between GINV/IPAC/CARS.
DODACC	Alpha/Num	15	Identifies a Department of Defense activity location	Use AAC on Order/Line/Schedule

- All data (required, optional and more) will be available in G-Invoicing
 - Pull Performance data via Application Program Interface
 - View Performance/Settlement data via User Interface
 - Export data to CSV file for Excel

Optional IPAC Data from G-Inv (2 of 3)

- Next 4 of 17 optional data elements in IPAC are not as clear-cut

<u>IPAC CSV Name</u>	<u>IPAC Type</u>	<u>Length</u>	<u>IPAC Description</u>	<u>GINV Source for Data on IPAC CSV File</u>
Contract Number	Alpha/Num	17	Unique number used to identify a contract between two trading partners	GTC Number is 20 characters
CLIN	Alpha/Num	6	Contract Line Item Number	Order Line Number Note: Cannot fit both Line + Schedule Number(s)
FY Obligation ID	Alpha/Num	1	“C” – Current fiscal year obligation or “P” – Prior fiscal year obligation or “ ” – Not applicable	N/A ... G-Invoicing does not support the concept. Could potentially be derived from POA. Note: Not required in IPAC
Accounting Classification Code	Alpha/Num	16	Code/number which identifies a project or mission and is supplied to the biller by the customer on the original request for goods/services	Not obvious ... Could be GT&C Number or Order Number, but those are 20 chars. Could be requesting or servicing Project Number from Schedule (depending on who submitted performance), but those are 25 chars.

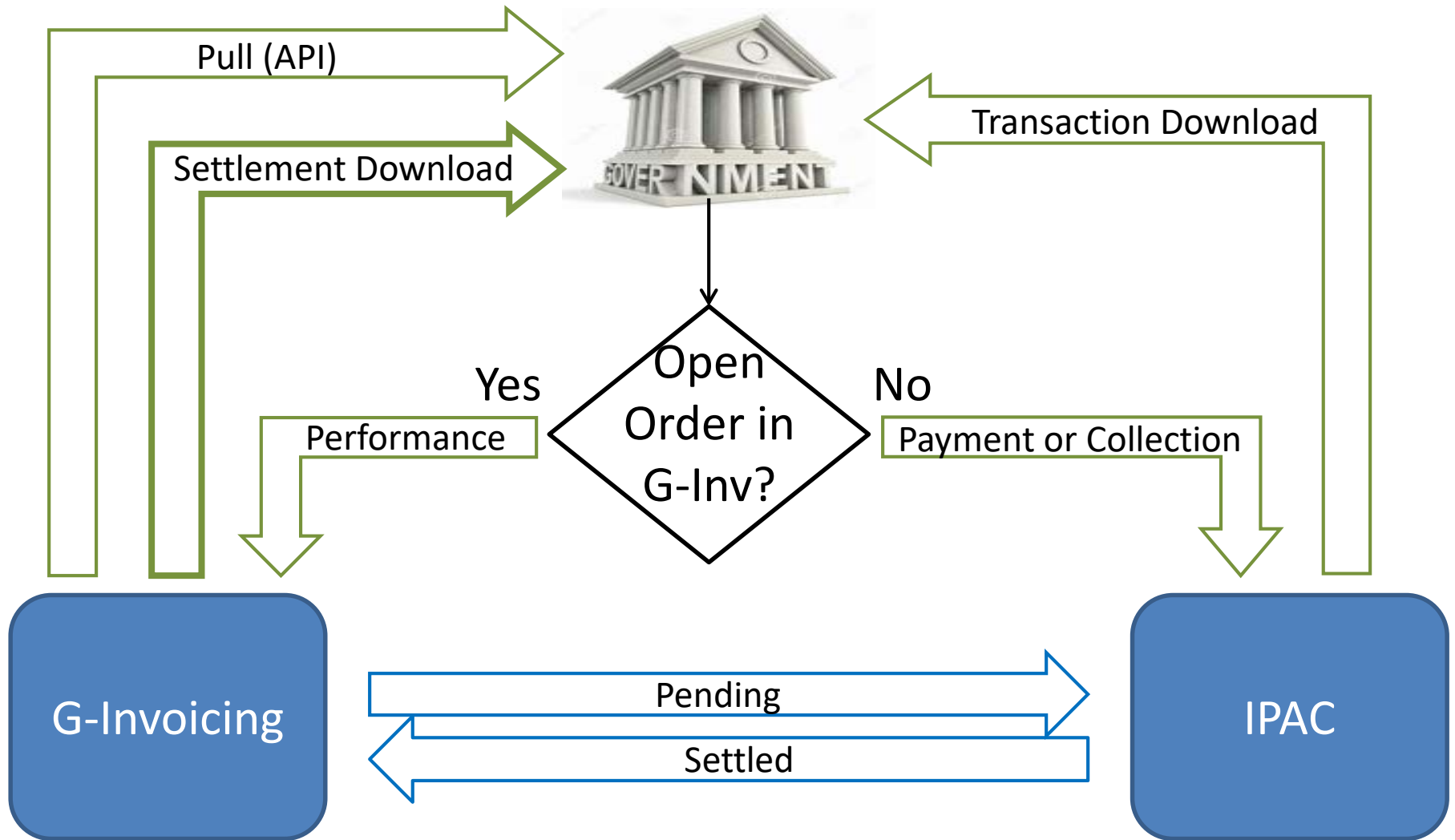
- Is Contract Number the GT&C? Can agencies expand to 20 chars?
- CLIN cannot represent both the Line and Schedule Numbers
- Is Accounting Classification Code defined the same for all agencies?

Optional IPAC Data from G-Inv (3 of 3)

- Last 5 of 17 data elements in IPAC do not align with G-Invoicing

<u>IPAC CSV Name</u>	<u>IPAC Type</u>	<u>Length</u>	<u>IPAC Description</u>	<u>GINV Source for Data on IPAC CSV File</u>
Job Number	Alpha/Num	20	Job (Project) Number	Not obvious ... Could be requesting or servicing Project Number from Schedule, but those are 25 chars.
JAS Number	Alpha/Num	30	Combination of Job Order Number, Accounting Classification Record Number and Site-ID	Not obvious
FSN AAA ADSN	Numeric	8	FSN/AAA/ADSN – subdivision of ALC, an accounting station	Not obvious ... G-Inv uses Org Reference data (i.e., cost center, business unit, department ID).
ACT Trace Number	Alpha/Num	15	Accounting Trace Number – user assigned ID enables back end systems to match up transactions.	Not obvious ... Could use an agency ID, but only G-Inv IDs (e.g., Order Number, Performance Number) are guaranteed to be interpreted by both partners.
Miscellaneous Information	Alpha/Num	320	Additional miscellaneous transaction information	Not obvious ... Could use requesting or servicing Agency Additional Accounting Classification, depending on which partner submitted performance.

Obtaining IGT Buy/Sell Settlement Results



Recommendation

- We've shown the challenges of sending all required and optional data from G-Invoicing to IPAC
- We've shown how agencies need to distinguish Performance data going to G-Invoicing from Invoices going to IPAC
- Agencies will continue to obtain settlement information from IPAC when they initiate Settlement directly through IPAC
- We recommend agencies obtain settlement information from G-Invoicing when Performance triggers Settlement
 - Agencies may pull settled Performance through the API and construct their own reports
 - Agencies may download a CSV file containing Order, Performance and Settlement data similar to IPAC's Transaction Download Report
- G-Invoicing plans to only send required data (on slides 11-12) to IPAC
 - Survey questions ask for business cases that refute this approach

Survey Questions for Today

1. Please provide your agency name and (ideally) your contact info so we can address your concerns.
2. Does your agency see any issues with pulling settlement results separately from G-Invoicing and IPAC as presented here today? If so, what are those issues?
3. Would your agency want an option to also pull G-Invoicing initiated settlement results from IPAC, or would you rather that data be excluded from your Transaction Download Report?
4. Does your agency have a business case wherein you need to control the value of DO Symbol? If so, can you switch to using Cost Center, Department ID and/or Business Unit as described on slide 13? Please explain.
5. Does your agency have a business case wherein you need to control the value of Document Reference Number (e.g., for reconciliation purposes)? If so, can you send the control ID to G-Invoicing as the Agency Transaction Identifier data element within the Performance FIDS? Please explain.
6. Are there any data elements appearing on slide 16 that your agency cannot function without? If so, and given that these data elements are not in the Federal Intragovernmental Data Standards, how can this need be met?
7. How frequently will your agency report multiple Delivered/Performed transactions against the same Schedule (e.g., never, rarely, commonly)? Are those multiple deliveries/performances done within a few days of each other, or spread out over months? Please describe the business cases to support this.