G-Invoicing Overview

Presented by:
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IGT E2E Process

GEX interface/validation for all DoD-to-DoD and DoD-to-Treasury system connections

FS = Financial Systems  |  Manual Input  |  [Light blue aligns to Treasury process step]
Intragovernmental Activities

- Interfund
- Reimbursable/G-Invoicing
- Assisted Acquisition
- Direct Cite
- Economy Act
- Classified Transactions
- FMS
- Project Orders
- GSA Purchases
- Working Capital Funds
G-Invoicing IGT Reimbursable Solution

**What is G-Invoicing**

The G-Invoicing system is a front-end application for users to originate intragovernmental buy/sell transactions and will manage the receipt and acceptance of General Terms & Condition (GT&C) Agreements, Orders, and Invoices. G-Invoicing is an online portal to support the exchange of information in intragovernmental transaction (IGT) activity by federal trading partners. G-Invoicing will facilitate the exchange of information between federal trading partners so that agencies will have well-defined lines of communication with one another, and an origin for sharing data and exchanging information on reimbursable activity only.

**What Problem Will it Fix**

Despite efforts and progress toward auditable financial statements, the U.S. Government – and DoD specifically – still struggles with material weaknesses that make the financial data unreliable. According to the Office of Management and Budget (OMB), “A major reason for the disclaimer is the government’s inability to adequately account for and reconcile intragovernmental transactions between departments and agencies.” This is a problem for all of our organizations, even if your organization has an auditable statement today. Once aggregated with other agencies, all agencies are contributing to the federal government being “out of balance.” Hence, the U.S. consolidated federal statement is currently not auditable.

**How Will It Work**

This figure depicts the end-to-end business process for reimbursables as designed to operate in the Global Exchange (GEX) environment. Either the buyer or seller can create GT&C. Once the GT&C is created, the trading partner is notified and then, can access it in G-Invoicing to review and approve it. Once the agreement is created, a request can be created and accepted. Then, the buyer can create an order which is accepted by the seller. The seller will then submit an invoice and the buyer will document receipt and acceptance and authorize payment.
IGT Supported and Unsupported JVs

By Fiscal Year (billions)

- FY 13: $102.70 Supported, $0.8 Unsupported
- FY 14: $92.60 Supported, $5.0 Unsupported
- FY 15: $84.30 Supported, $0.4680 Unsupported
- FY 16: $93.20 Supported, $0.7910 Unsupported
- FY 17: $107.60 Supported, $2.30 Unsupported

IGT Supported and Unsupported JVs By Component Fiscal Year 2018 (YTD)

- Navy: $1.87 Supported, $16.24 Unsupported
- Air Force: $38.61 Supported, $0.00 Unsupported
- Army: $0.00 Supported, $18.29 Unsupported
- ODOs: $0.47 Supported, $17.48 Unsupported
- USMC: $0.00 Supported, $1.73 Unsupported

Source: Department of Defense Financial Operations Metrics, Unsupported Accounting Entries - Quarterly, In Arrears, Information as of FY 2017
**Department of Defense (DOD) Intragovernmental Transactions (IGT) Scorecard - DRAFT**

**Objective:** To highlight Intragovernmental differences requiring attention, identify root causes, and monitor agency progress on implementing corrective action plans for addressing the differences.

<table>
<thead>
<tr>
<th>Change</th>
<th>Rank</th>
<th>Agency Name</th>
<th>Total Differences</th>
<th>Auditor</th>
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<td>4</td>
<td>Federal Deposit Insurance Corp.</td>
<td>$1,063,941,300.94</td>
<td>GAO</td>
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<td>↓</td>
<td>5</td>
<td>Department of Justice</td>
<td>$7,792,625,163.69</td>
<td>KPMG, LLP</td>
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<td>6</td>
<td>Department of Defense</td>
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<td>DOD - IG</td>
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<td>Department of Homeland Security</td>
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<td>KPMG, LLP</td>
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<tr>
<td>↑</td>
<td>8</td>
<td>Department of Transportation</td>
<td>$3,008,350,988.05</td>
<td>KPMG, LLP</td>
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</tbody>
</table>

- As of Q1, the agency has approximately $6.7 Billion in IGT differences and is the 6th largest contributor to total IGT differences.
- DoD is normally positioned between 1-4 in the ranking of Agencies with an IGT differences.

Findings presented on this scorecard are generated using unadjusted data reported to Fiscal Service, quarterly.

*FS Form DE00-2019 Q1-01 Draft DEPARTMENT OF THE TREASURY FISCAL SERVICE*
Treasury G-Invoicing Roadmap

As of April 2019


Treasury Deployment Schedule

G-Invoicing is built & deployed in incremental phases:
- GT&Cs (deployed Mar 2018)
- Orders (deploy Feb 2019)
- Performance (Receipt & Acceptance) (deploy Aug 2019)
- Invoice (deploy Aug 2019)
- Additional enhancements to be include but not identified (deployment date TBD)
- G-Invoicing mandate date— June 28, 2021

DoD/Federal Deployment Schedule

- Most all other Federal entities will deploy once system is built
- Decision was made for DoD Organizations to deploy in incremental phases
- Agency Implementation Plans due – May 31, 2019
  - Proposed implementation dates
    - By Oct 1, 2019: All GT&Cs must be entered into G-Invoicing
    - Dec 2019 – Sep 2020: Orders Implementation
    - Dec 2019 – Sep 2020: Receipt/Acceptance Implementation
    - Dec 2019 – Sep 2020: Invoice Implementation
    - Oct 2020: Full implementation
Agency Implementation Snapshot

As of Mar 2019

Processing GT&Cs

Processing Orders

Processing R&A/Invoice

Full Deployment

Key

TIER 1
TIER 2
TIER 3
TIER 4
ER System Configuration Snapshot

As of Mar 2019

Surveying Federal Agencies for alternative method of processing G-Invoicing transactions for the EBS Suite platform.

SAP plan to develop a G-Invoicing solution to meet Treasury requirements for a fee. Currently working with Army to develop the 80% solution. Additional customizing to fit each organization will be available for an additional fee.

Plan to incorporate functionality in Spring 2019 and Spring 2020

Working with the individual GOTS owners for system configuration.

Key
- GOTS
- SAP
- Oracle
- Momentum
GT&C Process

1. Buyer/Seller manually creates GT&C in G-Invoicing (IGDS step 1) [A. Create/Modify]
2. Buyer/Seller can modify GT&C and approve the GT&C in G-Invoicing (IGDS steps 2-4) [C. Update, D. Review, E. Approve]
3. Approved GT&C is downloaded into both Buyer and Seller ERP/Systems (IGDS step 5) [F. Pull GT&C]
Order Process

4. Buyer initiates order in their ERP/System and the order is sent to G-Invoicing. (IGDS step 2d) [A. Create/Modify/Close]

5. Seller ERP/System pulls a copy of the order from G-Invoicing. (IGDS step 2f) [B. Pull Order]

6. Seller accepts order in their ERP/System and the acceptance is sent to G-Invoicing. (IGDS step 2g) [C. Accept or Reject]

7. Buyer ERP/System pulls a copy of the accepted order from G-Invoicing. (IGDS step 2i) [D. Pull Order]

8. EDA pulls copy of approved order. (IGDS step 2i)* [D. Pull Order]

9. WAWF extracts approved order from EDA. (IGDS step 2i)*
10. Seller ERP/System sends performance evidence to WAWF and G-Invoicing. (IGDS step 3d (ship notice)) [A. Record Performance]
11. Buyer matches performance evidence to receiving and manually accepts or files discrepancy in WAWF.

12. Discrepancy report sent from WAWF to Seller ERP/System, if applicable. (IGDS step 4a)

13. WAWF sends Transmits good receipt and acknowledgement to Buyer and Seller ERP/Systems, as well as G-Invoicing. (IGDS step 4b) [C. Record Performance]
IGT E2E Process

1. Create GT&C (manually) in G-Invoicing (IGDS step 1) [A. Create/Modify]
2. Modify/Approve GT&C (manually) in G-Invoicing (IGDS steps 2-4) [C. Update, D. Review, E. Approve]
3. GT&C Download (IGDS step 5) [F. Pull GT&C]
4. Order upload (IGDS step 2d) [A. Create/Modify]
5. Order download (IGDS step 2b) [B. Pull Order]
6. Order acceptance (IGDS step 2g) [C. Accept or Reject]
7. Seller acceptance (IGDS step 2i) [D. Pull Order]
8. Extracts approved order (IGDS step 2i)* [A. Record Performance]
9. Performance evidence (IGDS step 3d (ship notice)) [A. Record Performance]
10. Matches to receiving
11. Discrepancy report (IGDS step 4a)
12. Transmits good receipt and acknowledgement (IGDS step 4b) [C. Record Performance]
13. Seller ERP/System sends invoice to G-Invoicing. (IGDS step 9) [Payment/Adjustment]
14. Invoice copy sent from G-Invoicing to Buyer ERP/System. (IGDS step 10a) [Payment/Adjustment]
15. Invoice receipt sent from the Buyer to G-Invoicing. (IGDS step 10b)
16. Invoice receipt sent from G-Invoicing to Seller. (IGDS step 10b)
17. Approval/Rejection of Invoice sent from Buyer to G-Invoicing (IGDS step 10c)
18. G-Invoicing sends payment request/verification to IPAC. (IGDS step 11a) [Validate Order]
19. IPAC Transmits Invoice approval to G-Invoicing (IGDS step 11b). [Fund Transfer]
20. G-Invoicing sends detailed transfer information to DCAS. (IGDS step 11c) [Pull Remittance Advice]
21. DCAS transmits Disbursement/Collection information to Buyer/Seller ERP/FS (IGDS step 11d/12c)
22. Buyer/Seller ERP/FS send cash balance to DCAS, DCAS sends to G-INV (IGDS step 15 a/b)
23. Buyer/Seller ERP/FS send Trial Balance to DDRS (IGDS step 16/17)
24. DDRS sends Trial Balance to GTAS
25. GEX interface/validation for all DoD-to-DoD and DoD-to-Treasury system connections
What Have We Been Doing

- Mapped the FIDS Order data elements into the IGT Receiving Report (RR)
- Identified data gaps with the data standards
- Created logical map of IGT RR schema
- Submitted an ECP to WAWF and EDA to pre-pop the FIDS Order data into the IGT RR in support of the G-Invoicing Performance initiative.

Update Guidance:
- PRDS will no longer be the data standard that carries the IGT G-Invoicing Order data for DoD. The IGT Order data standard is now the Federal Intragovernmental Data Standard (FIDS)/Intragovernmental Data Standard (IGDS) Order format
Back-Up
Resources

- Review Intergovernmental Data G-Invoicing Standards (IDGS)

- G-Invoicing Treasury websites:
  - G-Invoicing Home Page
    https://www.fiscal.treasury.gov/g-invoice/
  - Federal Intergovernmental Data Standards (FIDS)
    https://www.fiscal.treasury.gov/g-invoice/resources.html#standards
  - TFM Part 6, Chapter 4000: Intergovernmental Transaction Applications-IPAC & G-Invoicing
    https://tfm.fiscal.treasury.gov/v1/p6/c400.html
    https://tfm.fiscal.treasury.gov/v1/p2/c470.html
  - TFM bulletin No. 2018-10 G-Invoicing Mandate
    https://tfm.fiscal.treasury.gov/v1/bull/18-10.html

- DoD IGT milBook site:
  https://www.milsuite.mil/book/groups/intragovernmental-transactions (CAC required)
G-Invoicing Process Flows
G-Invoicing Orders Process Flow – Adjust Order (Amended)

Start

Buyer

Adjust existing Order - Pending Acceptance

Validate FIDS Order

Validate Order Data

Open GT&C

Available Funds (if required)

G-Invoicing Edits and Validations

G-INV

Modify

Modify Amendment

Cancel

Process Reject Info

Process Acceptance Info

Process Reject Info

Process Acceptance Info

Accept

Receive Adjusted Order

Obligation Adjusted in ERP

Adjust Order in ERP (Unfilled order)

Yes

Yes

No

No

No

Yes

Yes

Yes
G-Invoicing Orders Process Flow – Cancel Order

Start → Cancel Order - Pending Acceptance (Commitment) → Validate FIDS Order → G-Invoicing Edits and Validations

Validate Order Data → Open GT&C → Available Funds (if required)

G-Invoicing Edits and Validations → Yes → Pass Edits & Validations → G-INV

No → Modify Cancelation → Cancel Order in ERP

Yes → Process Acceptance Info → G-INV

No → Process Reject Info → G-INV

Receive Cancelled Order → Accept → Yes → Cancel Order in ERP (Unfilled order)

Modify Cancelation → Cancel Order - Pending Acceptance (Commitment) → Validate FIDS Order → G-Invoicing Edits and Validations

Reject Cancel Order → Cancel Obligation in ERP

Process Acceptance Info → G-INV

Process Reject Info → G-INV

G-INV
G-Invoicing Performance/Receipt/Acceptance Process Flow

Start → Performance data is recorded in ERP → Process Performance Data → Process Approved Performance Data → Resolve Receipt Discrepancy

Process Performance Data → Process Approved Performance Data

Buyer Approve Performance Data

Record Receipt in ERP

Yes

Record approved Performance Data

NO

Process Discrepancy Report Info

G-INV

WAWF

G-INV

GEX

G-Invoicing

WAWF

GEX

Seller
G-Invoicing Invoice Process Flow

Start

Seller

Invoice is created by Seller ERP

GEX

Process Invoice Data

Process Invoice Receipt Acknowledgment

G-Invoicing

G-INV

G-INV

G-INV

G-INV

Payment Request Generated

Valid Invoice

GEX

Invoice Receipt Processed by Seller ERP

G-Invoicing

Invoice is created by Buyer ERP

IPAC

Process Invoice Data

Process Invoice Receipt Acknowledgment

Process Accepted Invoice Data

Process Rejected Invoice Data

Payment Request Processed

Invoice Approval Created

DCAS

Detailed Transfer Information Created

Process Collection Data

Process Transfer Information

Process Disbursement Data

Buyer

Invoice Receipt Processed by Buyer ERP

Payment Request Processed

Invoice Approval Created

Yes

No

Record Transfer Information

Disbursement Recorded by Buyer ERP

Payment Request Processed

Invoice Approval Created
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