Agenda

CIR Overview
• What is CIR?
• Collections Data Flow
• CIR Standard Reports & XML Files

Future CIR Plans
• Fiscal Agent Transition
• Agency Transition Impacts
• Transition Benefits

Question and Answer

Contacts
CIR Overview
What is CIR?

- The Collections Information Repository (CIR), is a Fiscal Service-wide transaction broker, data warehouse, and reporting solution. CIR is:

<table>
<thead>
<tr>
<th>Description</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>A collections reporting tool used for Federal Program Agencies to manage revenue.</td>
<td><img src="image1.png" alt="Image" /></td>
</tr>
<tr>
<td>The primary mechanism for collections data reporting, containing detailed and summarized records of all revenue collections transactions processed by Fiscal Service.</td>
<td><img src="image2.png" alt="Image" /></td>
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<tr>
<td>A system where data is standardized and optimized for reporting and for business analytics.</td>
<td><img src="image3.png" alt="Image" /></td>
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</tbody>
</table>
• **What is a source system?**
  – Source systems are collections channels or applications that collect and send detailed transactions and deposit level information to the CIR.

• **What is the role of CIR’s downstream reporters?**
  – CIR’s downstream reporters receive collections information to meet financial management and reporting needs. This information is reported to the appropriate entities in order to conduct daily reconciliation processes.
# Collections Data in CIR

<table>
<thead>
<tr>
<th>Source System</th>
<th>Voucher (Summary)</th>
<th>Detail (Transaction)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Card Acquiring Service</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>CA$HLINK II Historical Data</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Credit Gateway</td>
<td>✔️</td>
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<td>ECP</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>EFTPS</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>OTCnet (Check Capture)</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>OTCnet (TGA Deposit)</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Pay.gov</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Stored Value Card</td>
<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>
Collections Data in CIR
CIR Standard Reports & XML Files

CIR Data Outputs

Standard Reports
- View On-screen
- Download as PDF, Excel, CSV

XML Files
- Download as XML
- Connect via System-to-System
Fiscal Service XML Schema 5.0.1

- XML Schema 5.0.1
  - December 2015, CIR introduced the new Fiscal Service XML Schema version 5.0.1
  - The new schema version streamlines output and improves data element definitions.

- Schema Migration
  - 20% of our CIR extracts are utilizing the XML 5.0.1 schema.
XML Schema 5.0.1 Summary of Changes

• Reduced File Sizes – Approximately 50% reduction
  – Schema names optimized (“Business Transaction” is now “BT”)

• Simpler Structure / Easier to Understand
  – Flatter, less hierarchical structure
  – Program data explicitly defined in the schema; no trading partner extensions

• Numerous updates concerning enumerated lists
  – For example: Payer Mechanism Code:
    • Divided ‘Check’ into ‘Paper Check’ & ‘Check Image’
    • Added Digital Wallet

• Names more tailored to the actual business usage
  – e.g. ‘Agency Account Identifier’:
    • Changes to ‘Chain Identifier’, ‘Division Identifier’, & ‘Lockbox Account Identifier’

• New Data Elements Added / Required elements have increased
  – Structural changes ensure that some elements can be required by the Schema
    • e.g. ‘Reason Code’ is required whenever ACRs are reported
XML 5.0.1 Agency Considerations

• Sunset date has not be established yet for XML 4.3 schema

• Agencies should migrate to XML 5.0.1 as soon as possible:
  – Define new extracts in XML 5.0.1 format and run them for a day or two to see the differences between XML 4.3 and XML 5.0.1
  – Be sure you understand downstream impacts before changing an existing 4.3 extract to 5.0 (especially if you have an existing S2S link)
  – Budget for any required programming resources no later than Fiscal 2016 (there may be substantial work effort involved in migrating to XML 5.0.1)
  – Set an end date for 4.3 extracts that are no longer being used

• Agencies should consider:
  – Need for new data elements in XML 5.0.1
  – Access to programming resources
  – Budgeting for the migration if required
Future CIR Plans
Fiscal Agent Transition

Department of the Treasury, Bureau of the Fiscal Service has approved a plan to migrate the hosting and operational functions of CIR

Fiscal Agent Selection

- As of May 2015, CIR has begun transitioning from our current financial agent, PNC Bank to the Federal Reserve Banks (FRB) of Kansas City and Cleveland in their capacity as fiscal agents.
Fiscal Agent Transition

- FRB Kansas City will assume the responsibility for CIR’s system development

- FRB Cleveland will provide operational support for CIR

- CIR will migrate its infrastructure to the Federal Reserve’s Treasury Web Application infrastructure (TWAI)
Agency Transition Impacts

- There are no planned impacts for CIR end users that utilize standard Business Objects reporting.

- Agencies that receive XML files through the CIR System-to-System interface will be impacted slightly.

### System-to-System (S2S) Impacts

| S2S Agencies will connect to the new CIR VPN landing zone in order to receive XML extracts. |
| All CIR S2S connections will have to be migrated to the File Transfer Gateway (FTG) on the TWAI. |
Transition Benefits

- Partnership between Call Centers
- Synergy amongst collections systems
- Agile Project Methodology
- Streamlined Repository Infrastructure
Transition Timeline

- QA Testing Window: Jun 17
- QA Environment Available: Jun 17
- Production Migration Window
- Contingency Environment Available: Jan 10
- Deadline for FTG Connectivity Established (by external partners): Mar 31
- Fiscal Agent Transition Complete: Sep 2016

- QA Environment Available: Oct 31
- QA Testing Window: Oct 31
- Production Environment Available: Nov 8
- Contingency Environment Available: Nov 16
- Production Migration Window: Jan 10
- Deadline for FTG Connectivity Established (by external partners): Mar 31
Questions
Contact Information

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