Dear Client:

The Markets and Securities Services team is pleased to announce that new application features and enhancements will be available to you on **Monday, March 27, 2017**.

The March Consolidated Release will incorporate enhancements across our core applications including the following — Corporate Actions & Income, Custody Reporting, Order & Trade Manager and Transaction Manager.

Please be advised that while the Markets and Securities team makes every attempt to have consistent release content throughout the release cycle, there may be internal or external factors that impact this and the release content is therefore subject to change.

**MARCH RELEASE DOWNTIME**

Please note that all of our new enhancements and upgrades will be deployed to the CitiDirect® for Securities production environment during the weekend of Saturday, March 25, 2017. Please DO NOT access CitiDirect® for Securities and its applications during the following time:

**Friday, March 24 from 8:00 PM EDT to 5:00 PM EDT Saturday, March 25**

If you have questions regarding any of the information in this **RELEASE NEWS**, or if you would like more information, please contact your Client Services Officer or your Citi Account Manager.

Thank you,

The Markets and Securities Services Team
## Supported browsers

Citi would like to advise its clients to improve their user experience and protect them from potential security vulnerabilities by requesting all clients upgrade their internet browser versions to Internet Explorer 11 or Google Chrome. If you are using an Internet Explorer browser lower than version 11, you will need to contact your Information Technology department and request your browser to be upgraded.

Please note that previous versions of Internet Explorer are no longer supported by Microsoft® and by continuing to use unsupported software, clients may be exposing themselves to compliance issues and continued use also exposes clients to a significantly increased security risk as new vulnerabilities found in Internet Explorer will not be patched by Microsoft® and can present a significant threat.

From January 1st, 2017, CitiDirect® for Securities will only support access from Internet Explorer 11 or Google Chrome. Citi is mandating these changes to allow us to improve client experience as older versions of Internet Explorer do not fully support modern web standards and the latest versions of common frameworks. If clients attempt to access CitiDirect® for Securities from an unsupported version of Internet Explorer, they may experience difficulty on login. In addition as Citi continues to develop our system platforms, various elements of the application may not render correctly.

Clients are requested to contact their Citi Representative to address any questions they may have.
Citi’s web-based Corporate Actions and Income (CAIN) tool enables clients to view, manage and respond to corporate actions and income events quickly and easily.

What’s New?

• Support Text Fields at Option Level
  Citi has enhanced its capabilities around text fields at Option level.

What’s the Impact?

In addition to the current functionality at Event level, clients will see new text fields at Option level (“Additional Text”, “Information Conditions” and “Information to be complied with”), if applicable.

Figure 1: Text Fields at Option Level

• Introduction of New Fields Across Multiple Events in the US Market
  “Minimum Qty to Instruct” and “Minimum Multiple Qty to Instruct” fields are available for applicable voluntary events. “Refunded Security” and “Non-Refunded Security” fields will be displayed on Partial Defeasance/Pre-Funding events.

Figure 2: New Fields Across Multiple Events in US market
- **Rate Field Extension to 10 Decimals** *(coming soon)*
  Corporate Actions and Income is enhancing its reporting functionality for Reverse Stock Split, Stock Distribution, and Rights Distribution events in the US Market.

  Beginning on April 21st, clients will have greater precision to reconcile their entitlements.

- **Introduction of Additional Tax for Hungary Branch**
  As part of the Hungary Branch Roll-out, a new field called “Additional Tax” has been introduced.

  Clients in Hungary will gain greater transparency in their withholding tax information across all applicable events.

---

**Figure 3: Rate Field Extension**

**Figure 4: New Additional Tax Field for Hungary Branch**
## Custody Reporting

### By Application

- **Overview**
- **CitiDirect for Securities Portal**
- **Corporate Actions & Income**
- **Custody Reporting**
- **Order & Trade Manager**
- **Transaction Manager**

Click on the blue tabs to view the changes by application.

The **Custody Reporting (CR)** platform provides great flexibility and more customization options to address the diverse needs of our clients. We are pleased to introduce a number of enhancements based on your requests – including new features, reports, customization options, and much more.

<table>
<thead>
<tr>
<th>What's New?</th>
<th>What's the Impact?</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assured Income Reporting Enhancement for the US Market (coming soon)</strong></td>
<td>Custody Reporting will soon offer clients additional status updates within the Paid Income report for the US market to reflect when a paying agent has credited funds to Citi. These updates will be shown within custom fields including: Entitlement Status Name, External Status Code and External Status Name. When a payment is made under assured income, Entitlement Status Name will reflect 'Executed/Paid Assured' and once the paying agent has credited funds to Citi, this field will be updated to 'Completed/Fully Paid'. <strong>This will be implemented on April 24th.</strong></td>
</tr>
</tbody>
</table>

| | |
| **Paid Income Report Enhancement (coming soon)** | Custody Reporting will soon provide clients a new reporting field within the Paid Income report known as Posting Date which reflects the date cash is posted across their account. **This will be implemented on April 10th.** |

Custody Reporting will shortly include additional statuses for the US market income events to inform clients when a payment that is advanced as part of the assured income program has been allocated by the paying agent.
**Account Selection Enhancement**

Custody Reporting has streamlined the way clients can add accounts into reports. A limit of 500 accounts has been set and where this limit is exceeded, however, clients can create separate Group Accounts with more than 500 accounts within. All existing reports will automatically have Group Accounts added and the schedule owner will remain as the existing schedule owner. If a client has more than 500 accounts available, then the user can continue to use ‘All’ in the ‘Available Accounts’ list.

Figure 5: Account Selection Enhancement
Trade Instruction Date Enhancement

Custody Reporting has enhanced functionality to now show trade creation date for US market activity. This will be included as a customized field known as Instruction Date across security related reporting.

Custody Reporting offers additional reporting fields to determine when a US market trade was instructed offering clients more transparency within their security trade related reporting.

---

**Figure 6: Trade Instruction Date Enhancement**

<table>
<thead>
<tr>
<th>Actual Branch Name</th>
<th>Custodian Reference</th>
<th>Instruction Date</th>
<th>Account ID</th>
<th>Account Name</th>
<th>ISO</th>
<th>Trade Date</th>
<th>Client Reference</th>
<th>Tax Type</th>
<th>Sec Type</th>
<th>Sec ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>0470000302</td>
<td>16-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-18-17</td>
<td>ETF-OPOTC0218</td>
<td>DF</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>047000304</td>
<td>16-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-16-17</td>
<td>ETF-OPOTC0219</td>
<td>DVP</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>050007344</td>
<td>21-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-21-17</td>
<td>ETF-OPOTC0221</td>
<td>DVP</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>050007343</td>
<td>21-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-21-17</td>
<td>ETF-OPOTC0221</td>
<td>DVP</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>0530000251</td>
<td>22-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-22-17</td>
<td>ETF-OPOTC0222</td>
<td>DF</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>0530000252</td>
<td>22-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-22-17</td>
<td>ETF-OPOTC0222</td>
<td>DF</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>054000107</td>
<td>23-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-23-17</td>
<td>ETF-OPOTC0223</td>
<td>DF</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>054000111</td>
<td>23-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-23-17</td>
<td>ETF-OPOTC0223</td>
<td>DF</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>054000100</td>
<td>23-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-23-17</td>
<td>ETF-OPOTC0223</td>
<td>DF</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>054000104</td>
<td>23-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-23-17</td>
<td>ETF-OPOTC0223</td>
<td>DF</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>054000123</td>
<td>23-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-23-17</td>
<td>ETF-OPOTC0223</td>
<td>DF</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
<tr>
<td>NEW YORK SECURITIES (CB)</td>
<td>054000100</td>
<td>23-Feb-2017</td>
<td>DEM00004</td>
<td>DEM00004 - USD</td>
<td>02-23-17</td>
<td>02-23-17</td>
<td>ETF-OPOTC0223</td>
<td>DF</td>
<td>CUSIP</td>
<td>046255104</td>
</tr>
</tbody>
</table>
- Market ID Reference Enhancement

Custody Reporting will now include market reference within safekeeping transaction reports for US market activity. This can be added as a custom field into reports.

Custody Reporting now offers further reporting for the US market adding market reference to all safekeeping transaction reports. This reference enables clients to identify the market reference applied by the local depository.

Figure 7: Market ID Reference Enhancement
US Market Corporate Action Trade Transformation Enhancement

Custody Reporting will now include the Citi Corporate Action reference for US market cancelled trades related to Corporate Action event activity within the Notes field.

Custody Reporting offers clients further transparency of reporting with an additional Citi Corporate Action reference to reflect cancelled trades for the US market within the Notes field.

Figure 8: US Market Corporate Action Trade Transformation Enhancement
Order and Trade Manager

Order and Trade Manager (OTM) offers an integrated online platform for equities execution, fund order execution, settlement and safekeeping. It provides you with the ability to gain secure, flexible access to major markets, actively monitor trade progress throughout the complete life cycle in real time, and increase your straight through processing rates. The following enhancements are being introduced in this release:

<table>
<thead>
<tr>
<th>What's New?</th>
<th>What's the Impact?</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USMF Orders Sent After Cut-Off</strong></td>
<td>USMF Clients that place instructions after the cut-off time on a given day will now have the orders moved to the next available trading day. This will bring USMF in line with OTM Fund Order processing globally. Customers will no longer be required to place a new order for the next available trading day.</td>
</tr>
</tbody>
</table>

Orders for USMF Customers that get sent after cut-off will automatically get sent to next trading day.
**Transaction Manager**, Citi’s web-based platform to initiate, validate, transmit and monitor your instructions through the settlement cycle, introduces the following enhancements:

- **Custodian Workflow Enhancement**

  Transaction Manager now supports rejected transaction status for the US market. This functionality was added November 2016 for all other applicable markets.

  The Rejected at Custodian and Options Received counters on Custodian Workflow portal on the Transaction Manager Home Page will be converted to “Today” counters and show transactions only on the day they are notified to Transaction Manager. The counter names will be changed to reflect the change.

---

**Figure 9:** *Custodian Workflow Enhancement*
• **Market ID Reference Enhancement**

Transaction Manager will now include market reference for US market activity. This Market Ref Id will be available in the Transaction Audit log and on List reports only for US domestic and non-US transactions where supported by market.

Transaction Manager now offers further reporting for US market adding market reference which enables clients to identify the market reference applied by the local depository.

![Transaction Audit](image)

**Figure 10:** Market ID Reference Enhancement

• **South Africa Market Reform Fixed Income Enhancement**

Transaction Manager now supports new Market Identification Codes as part of recent fixed income market reform changes. These include: ALTX, XSAF, XSFA and YLDX.

Transaction Manager clients will now be able to instruct using these new Market Identifier Codes to distinguish the specific securities trading exchange.

• **Collateral Switch Enhancement**

Transaction Manager now offers clients the capability to perform collateral account switches between their accounts, enabling clients to move reverse repo positions to segregated accounts for pledging purposes.

Transaction Manager enables clients to move reverse repo positions between their accounts for onward pledging purposes.