Interactive Data

RemotePlus℠

Version 4.0 for Microsoft® Windows®
Release Notice

RemotePlus℠ Version 4.0 for Microsoft® Windows® is now available. New features and enhancements over previous versions (version 3.0a and prior) of RemotePlus are described below. This version of RemotePlus is compatible with 32-bit and 64bit versions of Windows XP and 7 and Microsoft Excel® 2003, 2007, and 2010.

Upgrade Considerations

RemotePlus 4.0 does not utilize the DLL files used by version 3.0a. Therefore if you have written an application which uses them it will not function with 4.0. However, you may have both 3.0a and 4.0 installed at the same time.

Excel templates written to work with version 3.0a or earlier may not function or may need modifications to work with version 4.0.

The FFG software for Windows or DOS is not included with version 4.0.

Summary of Enhancements

Excel Interface:

- New Title options which return titles for sub items of record items
- Calendar feature for start and end date
- Ability to Save and Load queries
- DMY date format option
- Support for multiple RemotePlus User IDs and URLs
- Support for Windows XP and 7, Excel 2003, 2007, and 2010 - 32 and 64bit versions

New Output Options:

- Output data to a csv or txt file with custom delimiters
- Date Per Row - Data is populated where each Excel row represents a date

Port ID (Portfolio Identifier):

By default this feature is hidden, but you may activate it in the settings by adding a Port ID. The Port ID (portfolio identifier) allows you to specify your own custom identifier (up to four characters) to indicate that queries requested with that Port ID should be billed separately on your invoice. This is helpful if you are running specific requests on behalf of your clients. Each of your clients could have their own Port ID enabling you to determine how much of your invoice was attributable to requests on behalf of certain clients.

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New Options:

- Overflow Sheets: If your request returns enough data that it cannot fit on the current spreadsheet, this option will cause the remaining data to be output onto another worksheet(s).
- Resize Cells: Automatically change the width of the cells to fit the data returned
- Ignore blank input cells/lines: If you have a list file, or highlight a range of cells to be used as an input for your identifiers, you can choose to ignore any blank entries. By default this option is not selected and blank cells/lines will be maintained when the data is output. Selecting this option means any blank cells/lines will be ignored and the output will not include a space for the blank cell/line.

Item/Security Lookup:

- New revamped interface for both lookup tools
- Search by Data Type as well as Asset Type for RemotePlus item mnemonics

Settings Options:

- Modify shortcut keys
- Large request warning message
- Customize where settings and transaction logs are saved

Installation

RemotePlus 4.0 comes with an installation wizard, but it is only one file (RemotePlus.xlam) and you do not actually need to use the installation wizard. You may just copy the file to your local PC, USB memory stick, or network hard drive. If you are saving/installing RemotePlus on a network please keep in mind only one user may access the RemotePlus.xlam file at a time. We recommend when saving RemotePlus on a network drive you encourage users to copy the file off the network drive and save it locally before using RemotePlus.

Instructions:

1.) Go to the RemotePlus website at http://rplus.intdata.com

2.) Enter the User ID and password (all in lower case) and click the link to the RemotePlus Main Menu.

3.) Under the Software & Utilities section, click on the link for RemotePlus Version 4.0 for Windows.

4.) Save file to disk.

5.) Double-click on the RemotePlus executable and follow the installer instructions.

6.) Go to Start → All Programs → Interactive Data → RemotePlus → RemotePlus 4.0

7.) The RemotePlus Settings box will appear when you open RemotePlus for the first time. Under the Identification tab enter your User ID and password (all in lower case). Click Add to List then the OK button to save and exit the RemotePlus Settings.

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10.) Once in Excel - click "enable macros". For Microsoft Excel® 2003 and earlier select the InteractiveData option on the menu bar. For Excel 2007 and 2010 select the InteractiveData ribbon then select Data from the RemotePlus group. A menu will appear, select Data to make a RemotePlus request.

11.) Enter your security identifiers and data items and click OK. Data should be returned in your spreadsheet.

Additional Information:

1.) Make sure to enable macros and your installation of Office has support for Visual Basic for Applications (VBA) installed.
2.) If you do install RemotePlus on a USB memory stick you should change the default location for saving settings by clicking on the Advanced tab in the settings then selecting “Same directory as this Add-in”. This will prompt RemotePlus to save your settings on the USB memory stick rather than on the PC.

If you have questions please feel free to contact the Desktop Product Support Group at 781.687.8383 or via email at dtp@interactivedata.com. We are staffed from 8:30 AM EST to 6:00 PM EST Monday through Friday.

Usage notes

InteractiveData Ribbon:

When you are using RemotePlus with Excel 2007 or 2010 the InteractiveData ribbon will be visible. Below is a description of the options in the RemotePlus group.



- The **Data** option allows you to retrieve data into your worksheet; as described in “Retrieving Data”, below. The Data option has a sub menu:
  - The **Security Lookup** option allows you to search for security identifiers based on various criteria; as described in “RemotePlus Lookup”, later in this chapter.
  - View **Log File** allows you to view the log file which contains the requests and responses made if the feature is enabled.
  - **About** displays the RemotePlus splash screen which shows the version number installed.
- The **Settings** option is where you specify your RemotePlus User ID/password, tracing settings, and behavior options.
- The **Website** button is a hyperlink to the RemotePlus home page.
- The **Close** button closes the RemotePlus addin, but does not close Excel itself.

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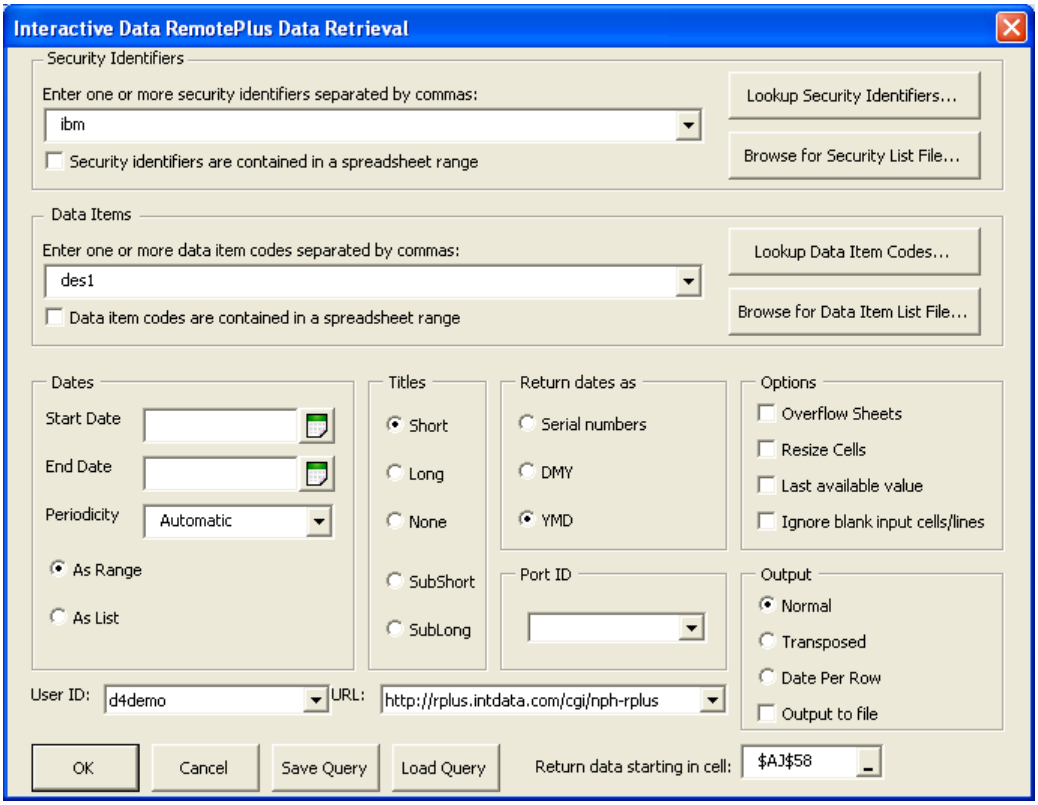
Excel Interface – Data Retrieval:

The RemotePlus Data Retrieval dialog box has been redesigned with additional functionality.



Security Identifiers

You can enter security identifiers; for example, ticker symbols, CUSIP numbers, SEDOL numbers; in the Data Retrieval box as follows:

- Identifiers separated by commas; e.g., “ibm, B1HHZN, 49427TAA”. If you are unsure of a security’s identifier, you can use the RemotePlus lookup feature by clicking on the “Lookup Security Identifiers…” button. Any identifiers selected will be appended to existing securities in the entry field.
- A list file of securities (local text file name, preceded by a “!”); e.g., “!c:\mylist.lst”. **Note**: You can browse for a list file of securities by clicking on the “Browse for Security List File…” button.
- A global list file of securities maintained by Interactive Data; e.g., “g!sap5i”. (This global file retrieves data for the components of the S&P 500 Index).
- A range of security identifiers located in the spreadsheet. Click on the “Security identifiers are contained in a spreadsheet range” box and then highlight or type in the range. **Note**: If this option is being used, the buttons for Lookup Security Identifiers and Browse for Security List File will be disabled.
- Previously entered securities contained in a drop-down history list, available by clicking on the down arrow next to the Security Identifiers box.

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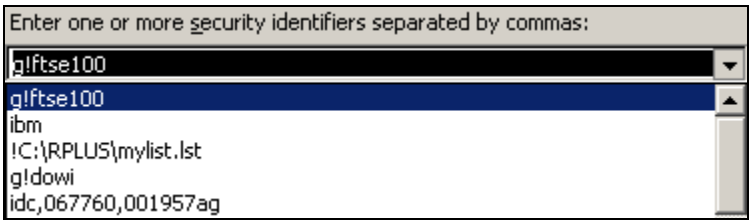

Data Item Codes

You can enter data item codes or mnemonics; for example, DES1 (issuer description), or PRC (best price or evaluation) in the Data Retrieval box as follows. Refer to the *RemotePlus Data Item Codes* list for a comprehensive list of data items available in RemotePlus.

- Codes separated by commas; e.g., “des1, des2, prc, prcadat”. If you are unsure of an item code, you can use the RemotePlus lookup feature by clicking on the “Lookup Data Item Codes…” button. Any codes selected are appended to existing codes in the entry field.
- A list file of item codes (local text file name, preceded by a “!”); e.g.,“!c:\rplus\myitems.lst”. **Note**: You can browse for a list file of data items by clicking on the “Browse For Data Item List File…” button.
- A range of data item codes located in the spreadsheet. Click on the “Data item codes are contained in a spreadsheet range” box and then highlight or type in the range. **Note**: If this option is being used the buttons for Lookup Data Item Codes and Browse for Data Item List File will be disabled.
- Previously entered data items contained in a drop-down history list, available by clicking on the down arrow next to the Data Item Codes box.

Dates (optional)

Dates (either as a range or as a list) and the data frequency

- As a Range:
  Start Date (optional) - First date in range (use “*”, the default value, for most recent data), offset from end date (“+n” or “-n”), manually enter a date, or use the calendar feature to select a date.
  End Date (optional) - Last date in range (use date, “*”, “+n”, or “-n”), manually enter a date, or use the calendar feature to select a date. **Note**: For dividend record items, the start date must be the most recent date in the request (i.e., the last date in the request range). See “Retrieving Record Data” in this chapter for more details.
- As a List (optional): List of comma-separated dates. **Note**: This option can be used to retrieve data for non-consecutive dates.
- Periodicity (optional): Data frequency; e.g., annual, quarterly, monthly, weekly, daily or auto (system default, the “natural” periodicity of the data item)

Titles (optional)

Descriptive information for data items requested

- Short (default): Security identifier and data item mnemonic; e.g., IBM, EPSY
- Long: Complete title; e.g., “International Business Machs.”, “Latest 12-Month EPS”
- None: No title information retrieved
- Subshort: (for titles on record items and Short Description) Key and Item *specifiers* with sub item names
- Sublong: (for titles on record items and Long Description) Key and Item *names* with sub item names

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Note: Subshort and Sublong will only work for one data item code at a time. You may not request multiple data item codes when using these title options.

Return Dates As (optional)

RemotePlus includes an option that lets you return dates as either DMY (day month year) or YMD (year month day) or "serial numbers". Excel stores dates internally as numbers, starting with January 1, 1900. Each consecutive day represents one serial number; i.e., January 1, 1900 = 1; January 2, 1900 = 2; etc. You can use Excel's arithmetic and formatting capabilities on these serial dates; e.g., you can easily calculate the time to maturity or call for a particular bond using the maturity and call dates.

Note: Serial numbers do not affect weekly, monthly, quarterly, or annual dates; these have no serial equivalent.

Port ID (optional)

By default this feature is hidden, but you may activate it in the Settings by adding a Port ID. The Port ID (portfolio identifier) allows you to specify your own custom identifier (up to four characters) to indicate that queries requested with that Port ID should be billed separately on your invoice. This is helpful if you are running specific requests on behalf of your clients. Each of your clients could have their own Port ID enabling you to determine how much of your invoice was attributable to requests on behalf of certain clients.

Output

- **Normal:** Display data in its native orientation (default)
- **Transpose**: Flips the native orientation – horizontal to vertical and vice versa.
- **Date Per Row**: Each row represents a date, and the identifiers are vertical rather than horizontal.

  Note: May only be used when requesting more than one identifier and more than one date.
- **Output to file:** allows you to output the data to a csv or txt file.

Note: You can change the delimiter used in the output file in the Settings. The default is comma delimited.

Options (optional)

- **Overflow Sheets:** If your request returns enough data that it cannot fit on the current spreadsheet, this option will cause the remaining data to be ouput onto another worksheet(s).
- **Resize Cells:** Automatically change the width of the cells to fit the data returned
- **Last available value:** Data returned for most recent value on or before specified dates for time series retrieval.

Note: This option can be used to return data for holiday dates; the previous day's value is returned.

- **Ignore blank input cells/lines:** If you have a list file, or highlight a range of cells to be used as an input for your identifiers, you can choose to ignore any blank entries. By default this option is not selected and blank cells/lines will be maintained when the data is output. Selecting this option means any blank cells/lines will be ignored and the output will not include a space for the blank cell/line.

Return Data Starting in Cell

Cell location where data is to be returned (may be different than currently highlighted cell in spreadsheet)

User ID:

You may specify the RemotePlus User ID to be used when making your RemotePlus request in the Settings and then change which RemotePlus User ID is used by selecting it from the drop down menu.

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URL:

You may specify the URL to be used when making your RemotePlus request in the Settings and then change which URL is used by selecting it from the drop down menu.

Save Query:

This button allows you to save your RemotePlus query for later by saving the RemotePlus request as a RPQ file. This is especially useful if you do similar requests frequently as it will save you time re-entering the request. Only the User ID and Port ID are not saved.

Load Query:

You may load any RemotePlus RPQ file and the details from the request in the RPQ file will populate the Data Retrieval Dialog Box.

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