

# ***Downloading Data from the iSeries (AS400) to a PC***

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This document covers two options for downloading data from an iSeries (AS400) to a PC.

- **Option 1 - Client Access on the iSERIES**

Advantages:

- Downloads data directly to a an Excel spreadsheet.
- Client Access is probably already installed on your iSERIES; therefore there are no extra applications to buy.

Disadvantages:

- You need to know where, in the database, the files you want to download are.
- In many cases, data being displayed is derived (GP%, etc) or based on data from multiple files. You would have to download the appropriate data and then perform the same calculations Dancik International does to arrive at the same data values as displayed in the Dancik System

- **Option 2 - Third party software**

Advantage

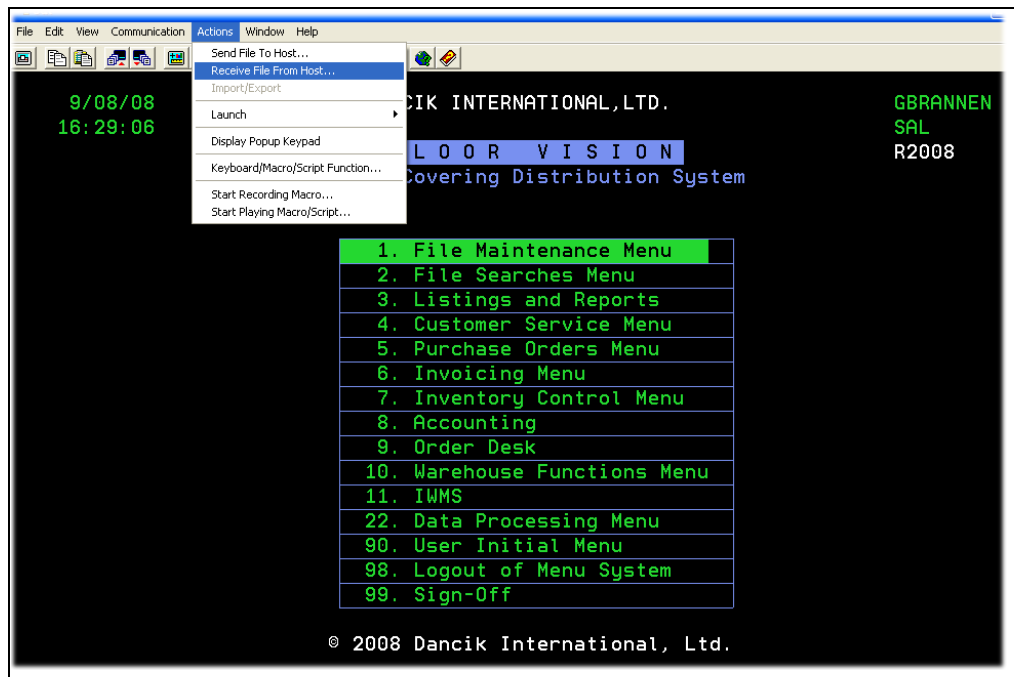
- Works only with reports on the Spool file so the information is easy to access
- Can combine information from multiple reports into one spreadsheet
- Can also be used to pull raw data into Excel (like Client Access)

Disadvantages

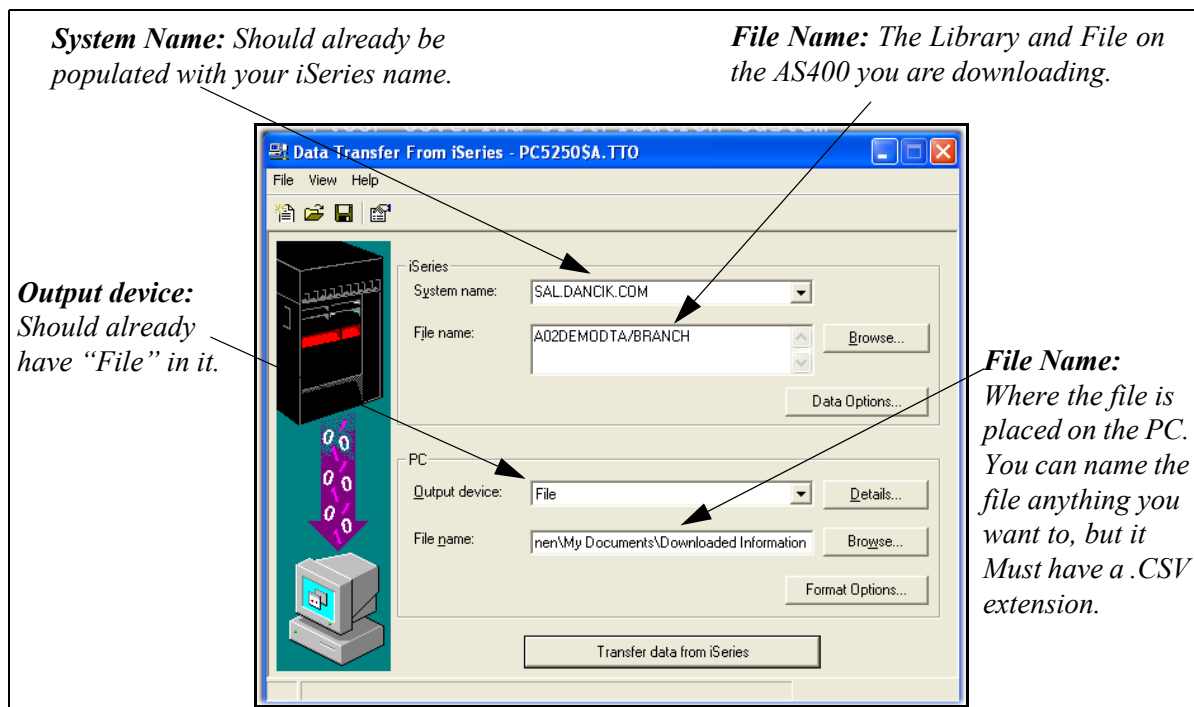
- Requires the purchase of a 3rd party software package.
- This option is not fully supported by Dancik.
- If you pull raw data, you also have the following disadvantages as described under Client Access on the iSeries

## Option 1 - Client Access on the iSERIES

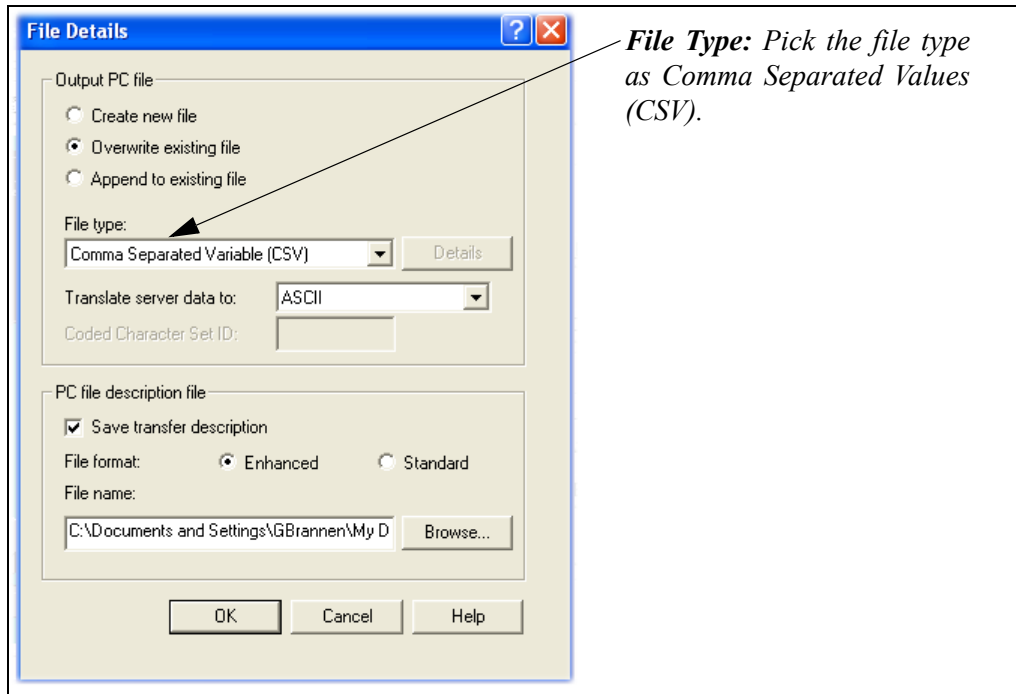
1. From your Client Access session, select the menu option Actions -> Receive File from Host.



2. The next window to display asks you for the file you want to download.



- After entering the iSERIES and PC information, click the **Details** button in the PC portion on the dialog box.



- Click **OK** to return to the Transfer from AS/400 request screen.
- Click the **Transfer Data from AS/400** button. The transfer will process and present a confirmation screen.

An example spreadsheet, run for Branches, is shown below.

| A  | B | C | D   | E                              | G                              | H                            | I       |       |   |
|----|---|---|-----|--------------------------------|--------------------------------|------------------------------|---------|-------|---|
| 1  | R | B | ALL | "ALL" BRANCHES                 | FOR COMPANY WIDE TRANSACTIONS  | CORPORATE/NO SPECIFIC BRANCH |         | 0     |   |
| 2  | R | B | LAX | COMPANY "B" INTL / LOS ANGELES |                                | LOS ANGELES                  | CA      | 95111 |   |
| 3  | R | B | NYC | COMPANY "B" INTL / NYC         |                                | NEW YORK                     | NY      | 10012 |   |
| 4  | R | 0 | ALL | "ALL" BRANCHES                 | COMPANY-WIDE TRANSACTIONS      | CORPORATE/NO SPECIFIC BRANCH |         | 0     |   |
| 5  | R | 0 | ANA | DANCIK INTL / ANAHEIM          | SAMPLE COMPANY                 | ANAHEIM                      | CA      | 90901 |   |
| 6  | R | 0 | RAL | DANCIK INTL / RALEIGH          | 401 HARRISON OAKS BLVD         | CARY                         | NC      | 27513 |   |
| 7  | R | 0 | RDC | DANCIK DISTRIBUTION CTR        | 401 HARRISON OAKS              | RALEIGH                      | NC      | 0     |   |
| 8  | R | 1 | ALL | "ALL" BRANCHES                 | FOR TRANSACTIONS NOT ALLOCATED |                              |         | 0     |   |
| 9  | R | 2 | AIR | DANCIK AIRPORT BRANCH          | 6644 WEST WALNUT STREET        | DALLAS                       | TX      | 0     |   |
| 10 | R | 2 | ALL | DANCIK HOME OFFICE/BRCH "ALL"  | * USED FOR G/L & A/P ONLY,     | CORPORATE/NO SPECIFIC BRANCH |         | 0     |   |
| 11 | R | 2 | ANA | DANCIK OF ANAHEIM              | 100 E BALL ROAD                | ANAHEIM                      | CA      | 90000 |   |
| 12 | R | 2 | BAL | DANCIK OF BALTIMORE            | 6950 AVATION BLVD              | GLEN BURNIE                  | MD      | 12345 |   |
| 13 | R | 2 | CDC | CENTRAL DISTR. CENTER - TEXAS  | 5252 HILL ROAD                 | DALLAS                       | TX      | 0     |   |
| 14 | R | 2 | CHA | DANCIK OF CHARLOTTE            | 123 E. MAINN ST.               | CHARLESTON                   | WV      | 11111 |   |
| 15 | R | 2 | CIN | DANCIK OF CINN.                | 1 CINN RD                      | CINNCINATTI                  | OH      | 32589 |   |
| 16 | R | 2 | NYC | DANCIK OF NEW YORK             | 401 HARRISON OAKS BLVD.        | CARY                         | NC      | 27513 |   |
| 17 | R | 2 | RAL | DANCIK FLOORS OF RALEIGH       | 2000 CENTREGREEN WAY           | CARY                         | NC      | 27513 |   |
| 18 | R | 2 | RDC | DANCIK MAIN DC                 |                                | RALEIGH                      | NC      | 27513 |   |
| 19 | R | 2 | SAL | DANCIK OF SALT LAKE CITY       | P.O. BOX 65768                 | SALT LAKE CITY               | UT      | 84165 |   |
| 20 | R | 2 | SAN | DANCIK OF SAN DIEGO            | 1818 MILL VALLEY ROAD          | SAN DIEGO                    | CA      | 97852 |   |
| 21 | R | 2 | STL | DANCIK OF ST LOUIS             | 22 LEWIS PL                    | ST. LOUIS                    | MO      | 38965 |   |
| 22 | R | 2 | LOG | DANCIK LOGISTICS               | 1500 VALLEY HWAY               | DURHAM                       | NC      | 27517 |   |
| 23 | R | 3 | BRN | CORPORATE SALES TO BRANCHES    | INTER-COMPANY SALES            | CARY                         | NC      | 27513 |   |
| 24 | R | 3 | SAM | CORPORATE SALES / SAMPLES      |                                | CARY                         | NC      | 27513 |   |
| 25 | R | 2 | HOU | DANCIK OF HOUSTON              | 1817 CENTURY BLVD              | HOUSTON                      | TX      | 75122 |   |
| 26 | R | 4 | ONT | ONTARIO                        |                                | CARY ON                      | 555 444 | ON    | 0 |
| 27 | R | 4 | RAL | RALEIGH RETAIL STORE           | 1000 AIRPORT BLVD              | MORRISVILLE                  | NC      | 27616 |   |
| 28 |   |   |     |                                |                                |                              |         |       |   |
| 29 |   |   |     |                                |                                |                              |         |       |   |

*Note: This information for this particular spreadsheet is pulled from the Branch File (FIL 6) in the Dancik data library.*

## **Option 2 - Third party software**

Data mining/Report generation applications, such as Monarch Software (<http://www.datawatch.com>) and Compleo Software (<http://www.compleo.com>), can be used to retrieve report information from the iSeries spool files generated by the Dancik Enterprise system -OR- retrieve data directly from the iSeries databases (similar to using client Access and with the same limitations).

The most productive way to get up and running with these types of third party tools would be the scenario where the information you need to analyze is already on existing Dancik Enterprise System Reports. This information may be on one or multiple reports. In that scenario - these tools would be used to extract and/or combine the data from one or more reports and then allow you to generate a third synthesized report and then export to xls, PDF, etc.

If the data you are looking for is not available on an existing report at all, then you would have to extract the raw data and then combine and output to xls, pdf, etc. In this case, you have the same limitation as client access, i.e. - you would need to either know the tables and/or calculations used to derive the output you are looking for or contract with Dancik Professional Services for guidance on where to get the data required.

Once retrieved the data can be analyzed, filtered, combined, and/or manipulated as needed using the third party software interface. After retrieval and/or raw data extraction, the results of the analysis or data retrieval can then be exported to a number of formats (xls, PDF, HTML, etc) as supported by the respective third part software vendor.

We know that some of our customers are successfully using the two applications listed above with the Dancik system. There are several others, but before purchasing consult with Dancik to ensure the application will work with the Dancik system.