

Technical Concepts

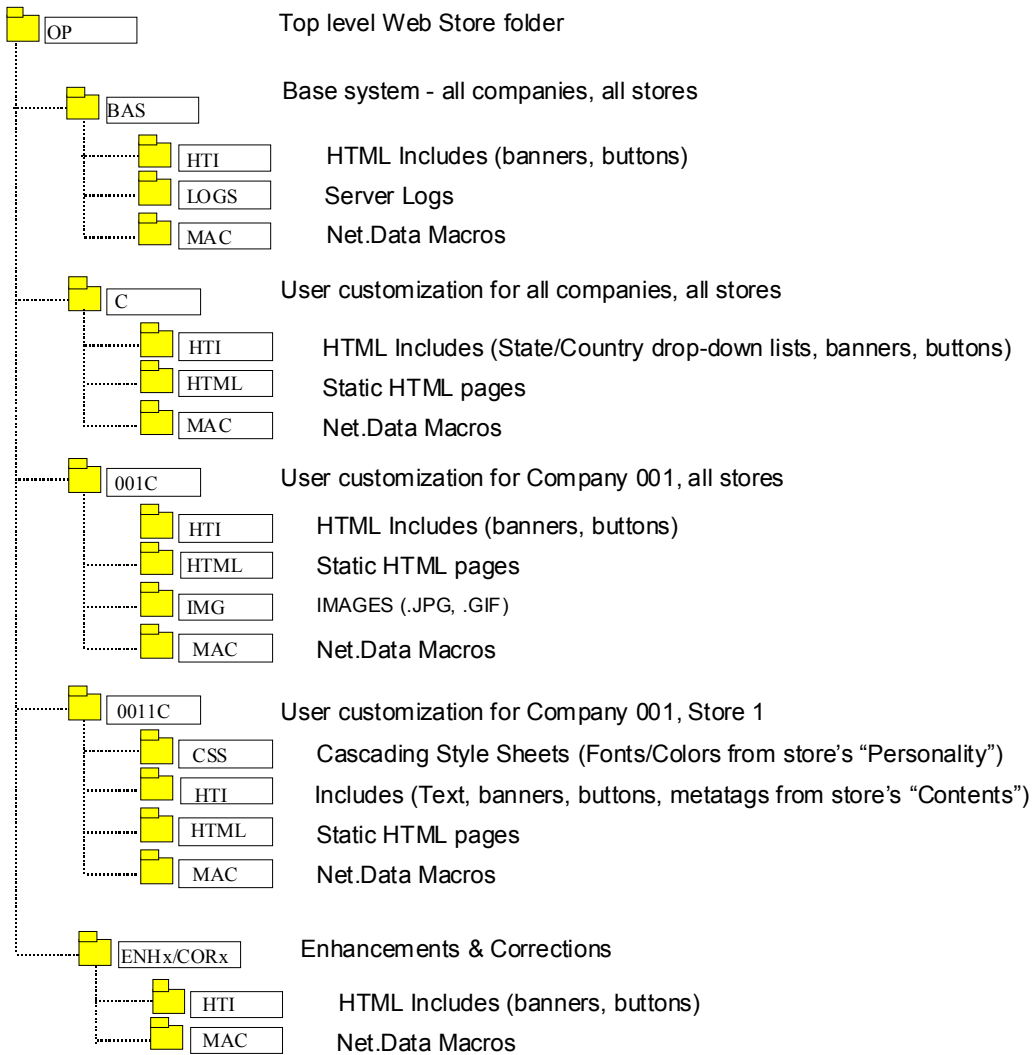
Integrated File System (IFS)

The iSeries 400 has a DOS-like hierarchical file system. **ORDER POWER!** creates folders (directories) in the IFS to contain objects used by the IBM HTTP Server, for use by Web Stores which are hosted on the iSeries 400. Other folders hold objects used by the **ORDER POWER!** Word, Excel, and Image interfaces to Personal Computers.

Networked PC's access the iSeries 400's folders with Microsoft's *Netserver* technology, which is a basic function of all Microsoft operating systems as well as the iSeries 400's.

The objects contained in Physical Source files QBAHTISRC (base system HTML), QCSHTISRC (custom HTML), QBAMACSRC (Net.Data Macros) and QCSMACSRC (custom macros) are copied by **ORDER POWER!** installation programs to IFS folders. The folder system used by **ORDER POWER!** supports multiple companies, and multiple Web Stores within each company:

Web Store Folders



PATH \OP\Cor-Enh\subdirs\0011C\subdirs\0011C\subdirs\BAS\subdirs

PC Applications

The following folders are also created in the IFS for **ORDER POWER!** PC applications:

BROKER INSTALL Contains installable media for a "broker" program which runs on a PC, and which "listens" for instructions from the iSeries 400 to initiate the other, application specific programs.

Application specific folders

BUDGET This folder contains the G/L budgeting application. Within that folder are three other folders:

DATA Contains Microsoft Excel spreadsheets. The spreadsheets have been specially formatted with protected cells for the **ORDER POWER!** G/L account number, and unprotected cells for budget data. Users will copy the empty spreadsheet to their PC. Spreadsheets can be automatically populated with **ORDER POWER!** Accounts only, or with accounts and G/L Budget or Actual amounts. The amounts can be modified by the user and returned to **ORDER POWER!** as new budgets.

EXEC Contains executable Visual Basic programs. The programs run on the PC, with the iSeries 400 as the application server. These programs move the data between the iSeries 400 and the PC.

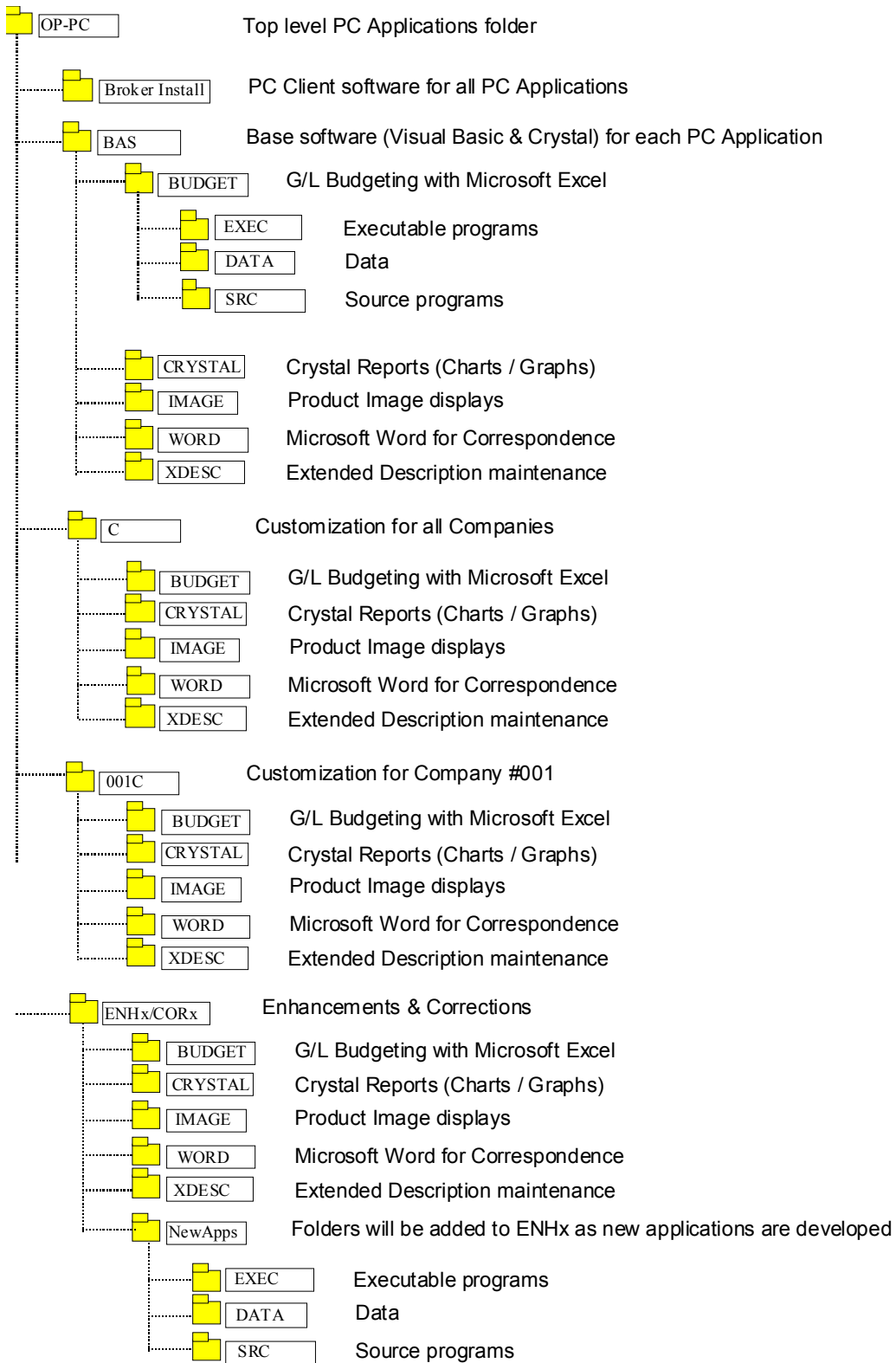
SRC Contains source programs for the Visual Basic executables.

CRYSTAL This folder contains the Crystal Reports application. Crystal Reports is a web-based reporting tool. A licensed copy of Crystal Reports is **not** required for the reports and graphs which are delivered with Order Power!, however a license is needed to write your own additional reports. Within that folder are three other sub-directories:

DATA For future use. Currently, the data is loaded real-time from the iSeries 400 to the PC through an ODBC driver.

EXEC Contains executable Crystal (.rpt) programs. These programs run on the PC, with the iSeries 400 as the application server. The programs display the visual data (charts and graphs) on the PC.

- SRC** Contains source programs for the Crystal Report executables.
- IMAGE** This folder contains the Image application, which displays images of products on the PC.
- DATA** For future use.
- EXEC** Contains executable Visual Basic programs. These programs run on the PC, with the iSeries 400 as the application server. The programs display product images on the PC.
- SRC** Contains source programs for the Visual Basic executables.
- XDESC** This folder contains the Extended Description application, which allows notes and extended descriptions (Customers, Items, Vendors, Media, Media Book, Product Group, Product Subgroup, Cross-sell Group) to be maintained with an **ORDER POWER!** word processing program which simplifies note maintenance with line wrapping and spell checking functionality.
- DATA** For future use.
- EXEC** Contains executable Visual Basic programs. These programs run on the PC, with the iSeries 400 as the application server. The programs display the images on the PC.
- SRC** Contains source programs for the Visual Basic executables.
- WORD** This folder contains the Correspondence application, which uses the **ORDER POWER!** database combined with Microsoft Word to produce mail-merge documents.
- DATA** Contains sample letters as Word Templates (.dot) which can be copied to a PC and then modified to meet your needs.
- EXEC** Contains executable Visual Basic programs. These programs run on the PC, with the iSeries 400 as the application server. The programs call the Word program, and feed the **ORDER POWER!** data to the template to form a mail-merge document.
- SRC** Contains source programs for the Visual Basic executables.



PATH \OP-PC\CORx\subdirs;-Enhx\subdirs;001C\subdirs;BAS\subdirs

How to install the OP! PC Applications Broker

You need to install the **ORDER POWER!** PC Broker to allow **ORDER POWER!** to communicate with your PC. To begin, you must have the IFS mapped as a Network Drive.

Assign (map) a drive letter to the IFS

1. Click **Start**, point to **Programs**, and then click **Windows Explorer**.
2. On the **T**ools menu, click **Map Network Drive**.
3. In Path, type the path to the IFS (see your System Administrator for this information). For example:

```
\\iSeries400name\root
```

If a password is required, Windows prompts you.

Next, you install the **OP! PC Applications Broker** from the IFS setup file.

Install the PC Broker

1. Close all Windows applications to avoid conflicts, etc.
2. Click **Start**, point to **S**ettings, and then click **C**ontrol Panel.
3. Click Add/Remove Programs to display the *Add/Remove Programs Properties dialog box*, then click on the **I**nstall button.
4. Follow the instructions on screen as you would for any Windows application. When you are prompted to browse for the path, locate the **SETUP.EXE** file in the **OP-PC\BrokerInstall** folder in your IFS.
5. Click the **SETUP.EXE** file to begin installation.

During the installation, you will most likely experience several "errors" due to a known bug in the Microsoft Package and Deployment Wizard.

(For details, see <http://support.microsoft.com/default.aspx?scid=kb;en-us;Q216368>)

- If the installation tells you a new file already exists on your system, choose **Y(es)** to replace the existing file with the one supplied by the Broker.
 - If you receive any error that gives you the option to **I(gnore)**, please do.
6. You will see a message that informs you when installation is successfully completed.

The **OP! PC Applications Broker** will now start itself whenever you boot your PC.