

# Transferring Data With Spreadsheets

by Scott Shelley

The manuals that come with many computer programs leave you with the impression that transferring data from one application to another is

amazingly simple — but it's not. Programs from different software companies might be able to “talk” to each other, but only if the data is set up

exactly the way each program expects. I experienced this problem firsthand when trying to automate the chore of manually entering budgets into QuickBooks (for job costing) from a printout of my WinEst estimate.

Enter my trusty spreadsheet, which I used to create a conduit between the other two programs. I use Borland Quattro Pro as my spreadsheet, but Microsoft Excel or Lotus 1-2-3 will do the same job. The only requirement of the spreadsheet program is that it have the ability to record advanced macros (more on macros later). The solution involved several steps, but the results were just what I was looking for.

## Arranging Data

First, I had to figure out how QuickBooks wanted my estimating information arranged so it could be imported into a budget by “class.” I did this by creating an export budget file in QuickBooks (File | Export | Budgets), saving the file as plain text to the Win95 desktop or to a project folder, and then opening it in Quattro Pro. QuickBooks will name the file with an .IFF extension, which you might need to change to .TXT (I named the file JCEXP.TXT for “Job Cost Export Text”). The new file provided the column headings QuickBooks needed to “see” to import a job budget (see Figure 1). I also checked this file to make sure the classes in QuickBooks matched the format of WinEst, which in my case was Construction Specifications Institute (CSI) format.

Next, I set up a report in WinEst that showed all of the information I needed to create a budget in QuickBooks. WinEst allows you to “print” the report to the hard drive as a text file, which can then be opened in the spreadsheet (Figure 2).

Finally, after comparing printouts of the estimating data and QuickBooks budget, I set up two Quattro Pro spreadsheets to act as a filter. Using the WinEst text file, I search and sort the data, then move it from one sheet to the other. Once I have the data organized exactly the way QuickBooks

**Figure 1.** The first step in using a spreadsheet to transfer data from an estimate to QuickBooks is to save a QuickBooks budget as a text (.TXT) file. When you open the file in a spreadsheet, as shown here, you see the column headings, which you can then use to set up your estimating software.

**Figure 2.** To see a list of the raw estimating data that would be incorporated into a QuickBooks budget, the author “printed” a WinEst report to a text file, then opened the file in a second Quattro Pro spreadsheet, part of which is shown here.

