

## ISH – Space Delimited / Abbreviated Format

To extract the ISH data in a space delimited format, use this program: ishapp2.exe.

Follow the steps below:

- If the file is compressed, uncompress the file on your hard drive. (WinZip is available for free download, along with other uncompress software.)
- For ISH DVD users, the program can be run/executed directly from DVD, or you may copy it to the same folder as the data file on the hard drive. For users of online/FTP ISH data, the program must be downloaded to your hard drive.
- To run the program, it requires the name of the input file and the name of the output file, eg:

```
ishapp2.exe c:/download/723150-03812-2004 c:/download/723150-03812-2004.out  
           program      {pathname}input filename    {pathname}output filename
```

- Only one file can be processed at a time, though you can easily write a script to process a series of files—such as by piping the list of filenames into a file, then doing a recursive change within that file into the proper format as shown above. (In Windows or DOS, the file would need to have a “bat” extension.)
- Documentation for the ISH abbreviated format is contained in the file “ish-abbreviated.txt”

Note: The space-delimited / abbreviated format does not include all ISH data elements—only those most-used by our customers.