

## Transferring bitmaps to the FIB - Hitachi FB-2100 FIB

On the IBM ThinkPad:

1. Login as "Elaine Humphrey", password is blank
2. Ensure the Cerberus FTP Server is running. If not start the program via the Start Menu. Ensure the server process is working properly; in the software interface, press the red stop button, then the green start button.
3. Check the Interface IP address on the right side of the program window, you will need this IP address for configuring the FIB.
4. There is a directory called ftpserver in My Documents. The ftp server reads from this directory. Copy your bitmap files into this directory.

Note: bitmaps must

- x be 2000 pixels x 2000 pixels at maximum
- x be grayscale (not RGB)
- x have filenames with a maximum length of 34 characters, and these filenames must not contain spaces

Note: bitmaps should

- x be 2000 x 2000 pixels. Anything smaller is less than ideal and will produce a cut of inferior resolution.
- x be purely black and white with no grayscale tones. Anything that is black or grayscale is cut, anything that is white, is not. It is ideal to make the image two bits, black and white.

On the FB-2100 controller computer

1. In the Fabrication subprogram, select pulldown menu Options Convert -> BMP

4. Click Files to obtain a directory listing from the FTP server on the Thinkpad.
5. Highlight the bitmap file you want to transfer (one at a time), click Transfer.
6. This will transfer the bitmap into a queue called H/D Information . This queue has a maximum size of 12 files.
7. Highlight the file you want from the H/D Information list, click Open This opens the bitmap as an element in the current fabrication window.
8. Use pulldown menu File -> Save as to save this fabrication arrangement to the hard drive.