

SCITEX AMERICA PRODUCT SUPPORT

Lotem Link

PCC to Brisque Interface

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Company Confidential

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Section 1

Requirements

Brisque

3.0.38 or higher

UpdLotem 1.23 or higher

100BaseT

TSP board rev B or higher

Lotem

LDD2

DDB1N

2.10.08 plus floppy update or higher

Section 2

Setup

Set up FTP Client on Brisque

Enter SMIT. (User : root Password: ripro)

Choose Security & Users => Users => Add a user.

In the “Add a User “ dialog fill the following fields:

User name: SCIFTP

Administrative user: False

Primary Group: scitex

Group Set: scitex

Another user can su…: True

SU Groups: ALL

Home directory: /dataVolumes

Initial Program: /bin/ksh

User Information: Scitex FTP User

File Creation UMASK: 022

Press OK

Press DONE.

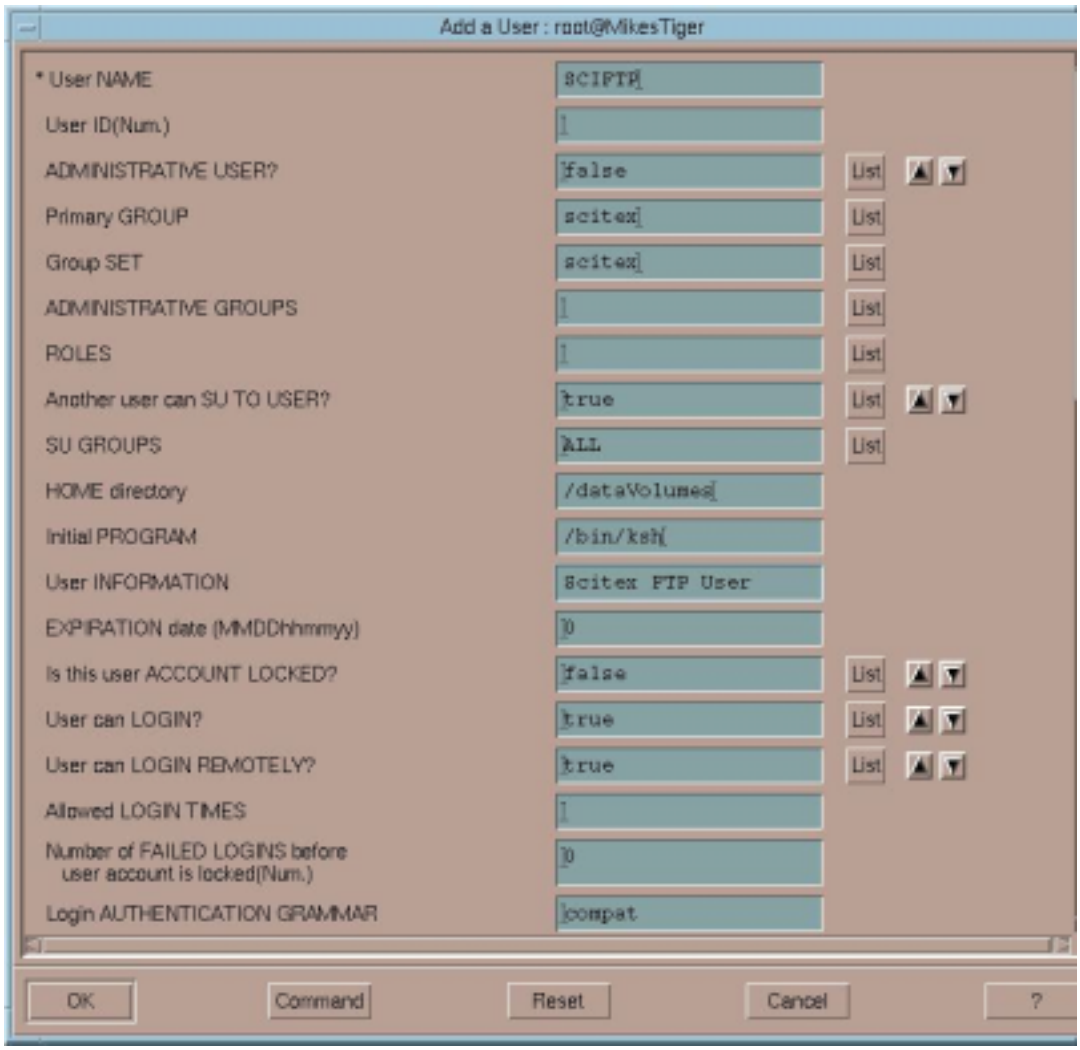
Press cancel to exit from Add user dialog.

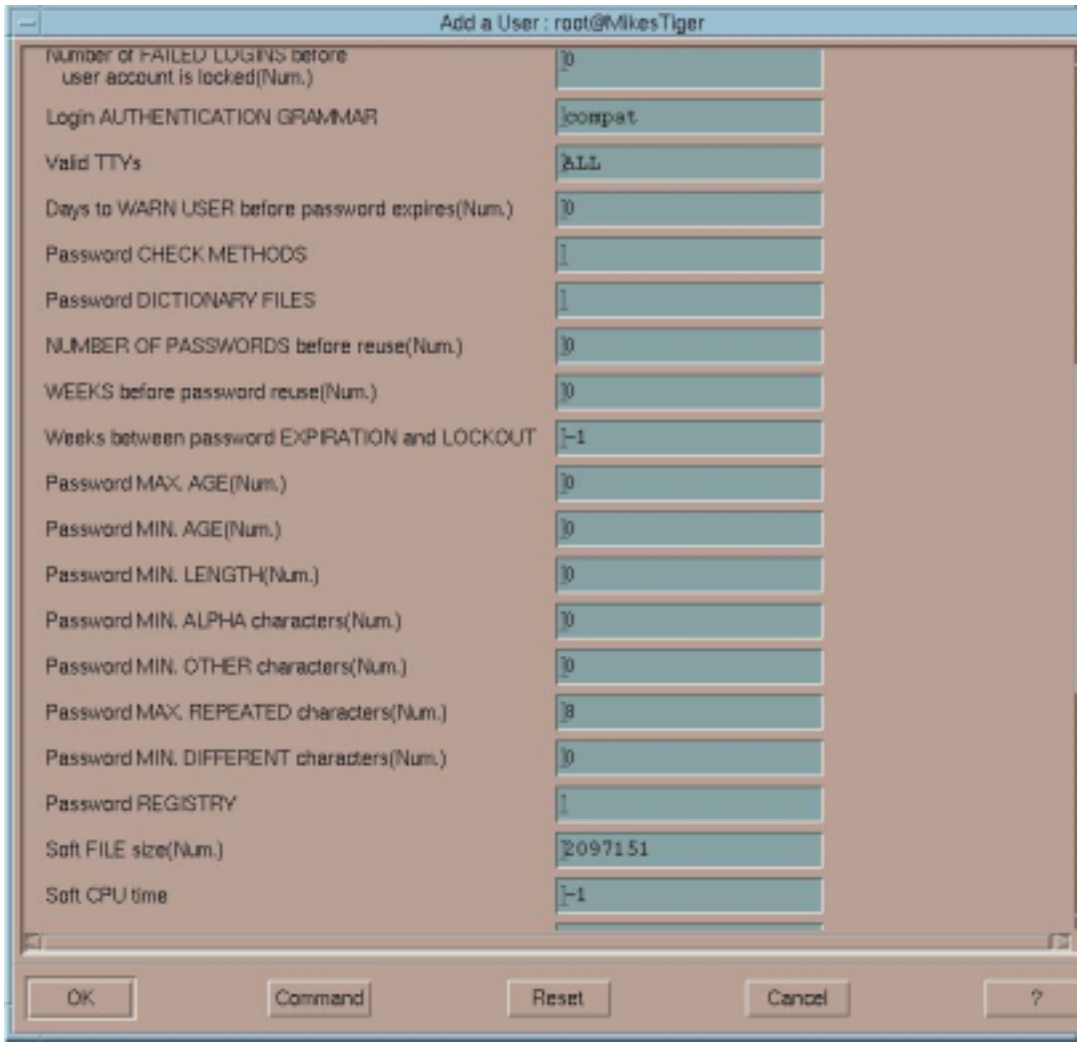
Select Change User Password

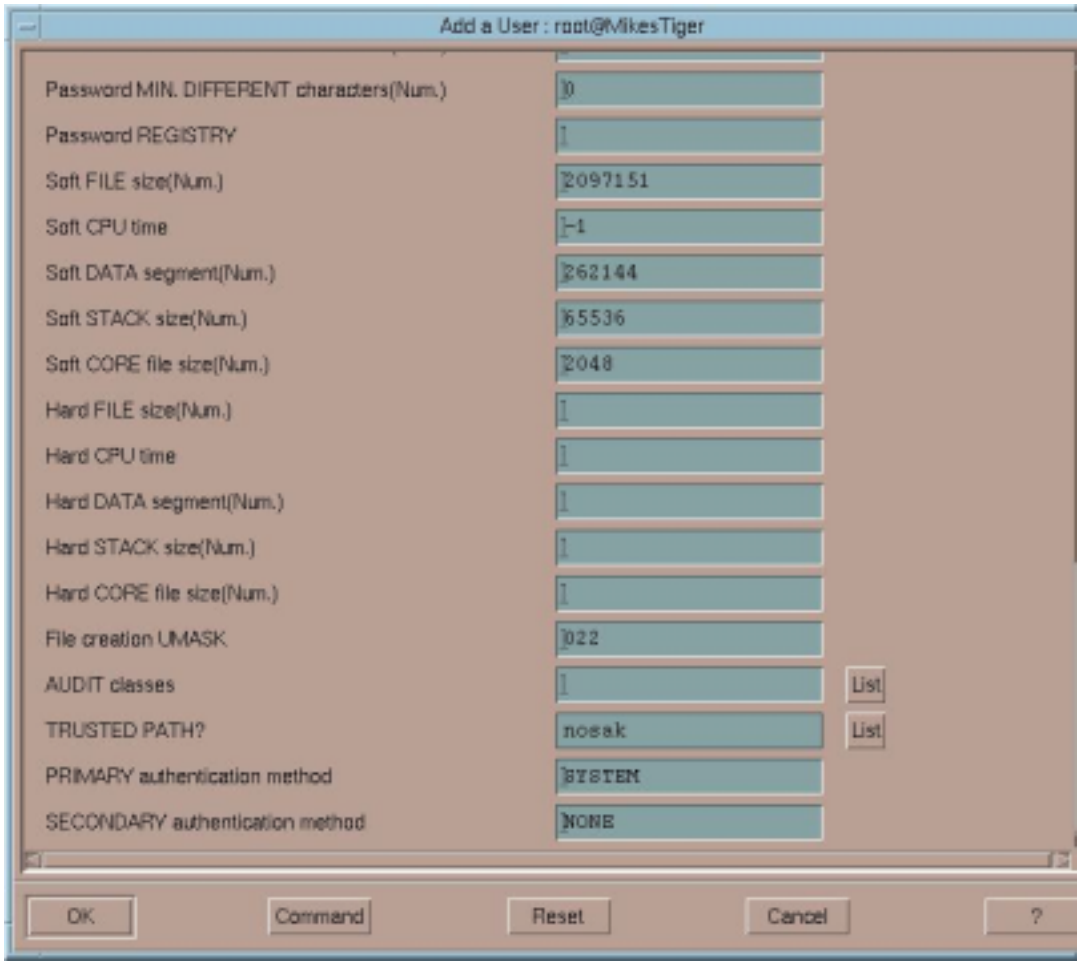
Select from list SCIFTP press OK.

Enter for user SCIFTP password – SCIFTP.

F10 (exit)


Add a User : root@MikesTiger
* User NAME
SCIFTP
User ID(Num.)
ADMINISTRATIVE USER?
false
List
Primary GROUP
scitex
List
Group SET
scitex
List
ADMINISTRATIVE GROUPS
List
ROLES
List
Another user can SU TO USER?
true
List
SU GROUPS
ALL
List
HOME directory
/dataVolumes
Initial PROGRAM
/bin/ksh
User INFORMATION
Scitex FTP User
EXPIRATION date (MMDDhhmmyy)
0
Is this user ACCOUNT LOCKED?
false
List
User can LOGIN?
true
List
User can LOGIN REMOTELY?
true
List
Allowed LOGIN TIMES
Number of FAILED LOGINS before user account is locked(Num.)
0
Login AUTHENTICATION GRAMMAR
compat
OK
Command
Reset
Cancel
?


Add a User : root@MikesTiger
Number of FAILED LOGINS before user account is locked(Num.)
0
Login AUTHENTICATION GRAMMAR
compat
Valid TTYs
ALL
Days to WARN USER before password expires(Num.)
0
Password CHECK METHODS
1
Password DICTIONARY FILES
1
NUMBER OF PASSWORDS before reuse(Num.)
0
WEEKS before password reuse(Num.)
0
Weeks between password EXPIRATION and LOCKOUT
-1
Password MAX. AGE(Num.)
0
Password MIN. AGE(Num.)
0
Password MIN. LENGTH(Num.)
0
Password MIN. ALPHA characters(Num.)
0
Password MIN. OTHER characters(Num.)
0
Password MAX. REPEATED characters(Num.)
8
Password MIN. DIFFERENT characters(Num.)
0
Password REGISTRY
1
Soft FILE size(Num.)
2097151
Soft CPU time
-1
OK
Command
Reset
Cancel
?



Exit CDE application (logout)

Login as-SCIFTP.

Enter new Password SCIFTP.

Password-SCIFTP.

Type Exit.

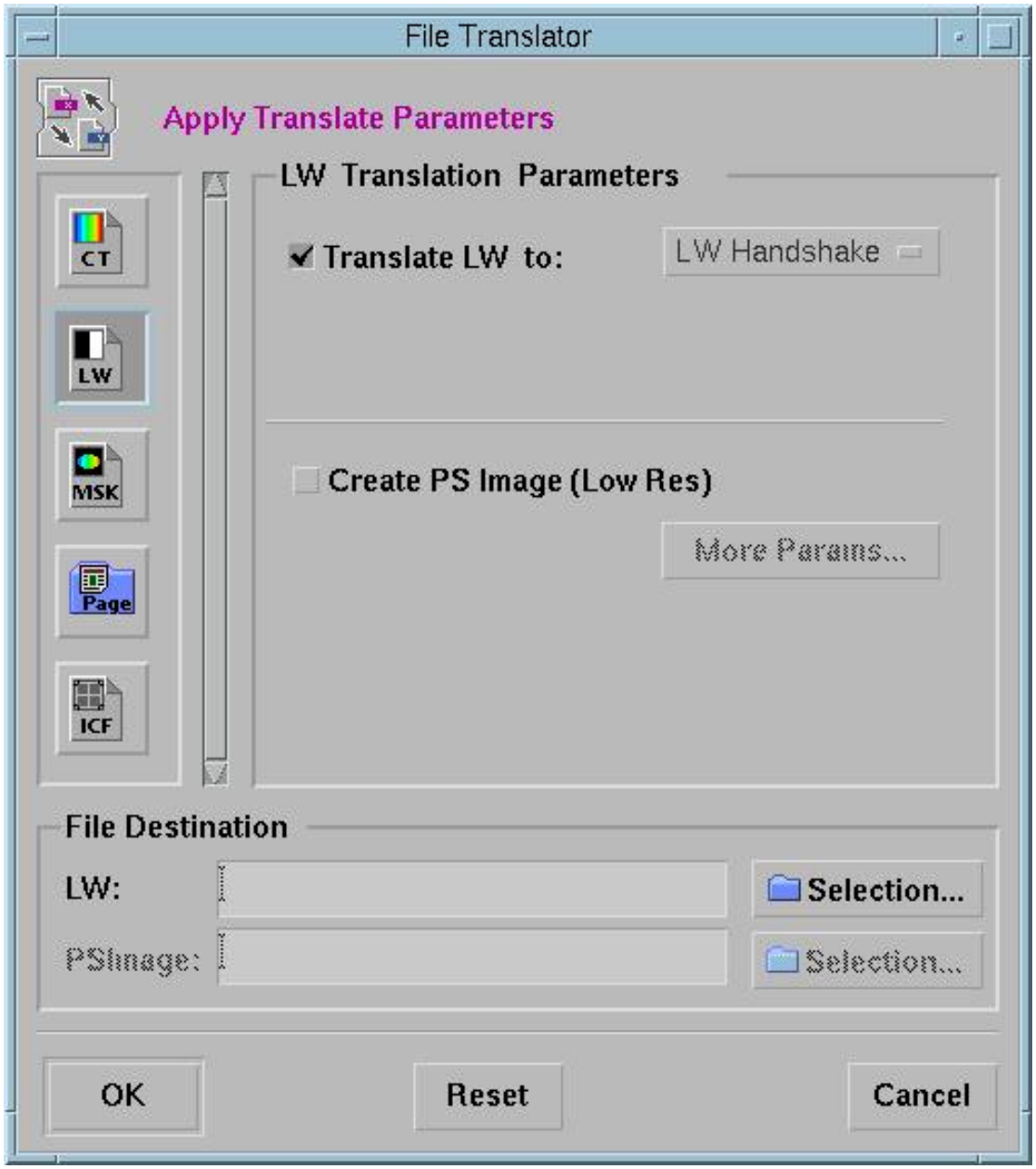
Build Hot Folder

Template:

Translate -> Expose

Translate:

LW to LW Handshake



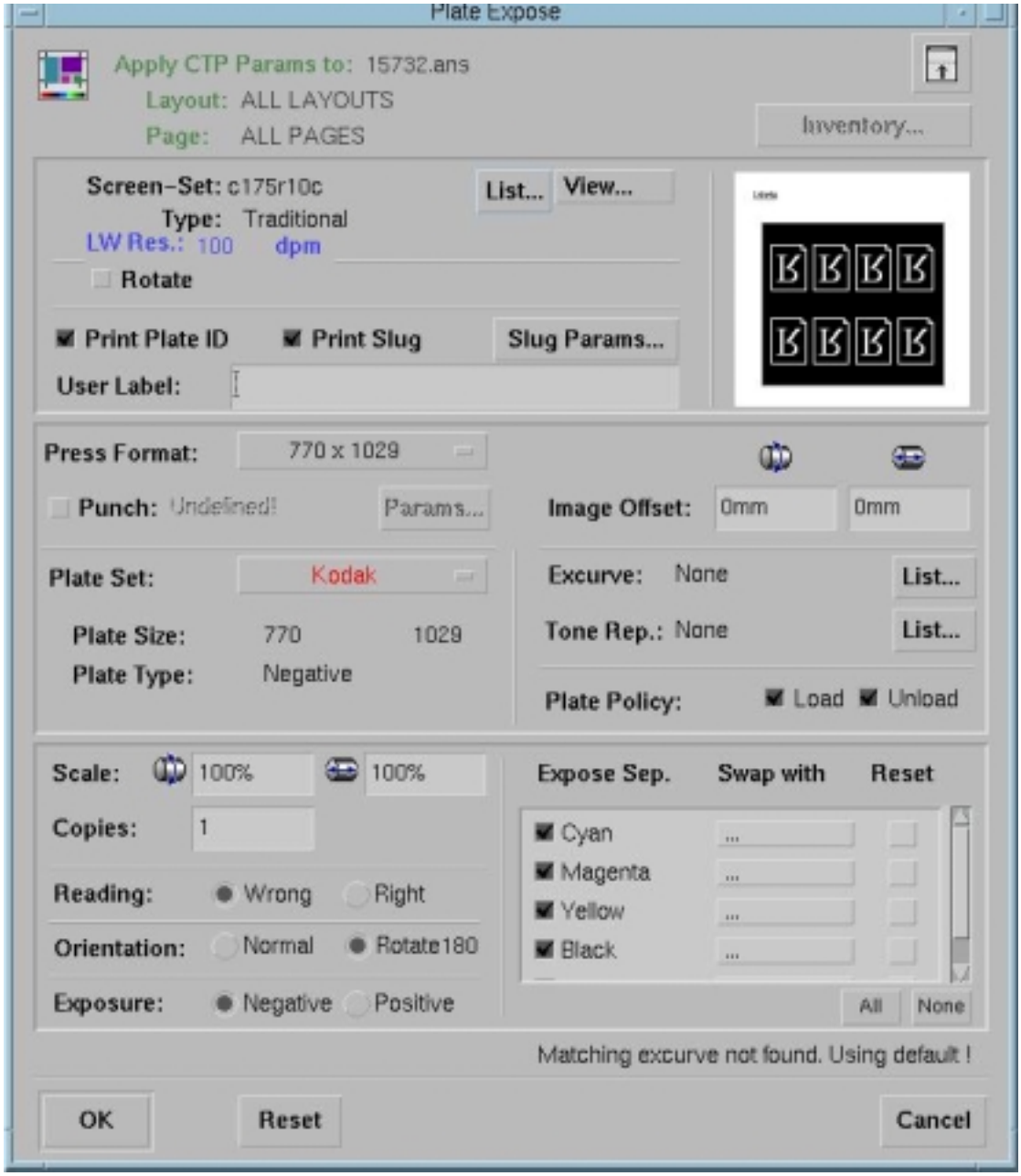
Expose:

DeSelect top “Rotate”.

Select “Rotate 180°”.

Select all Colors

Select Screen Set that matches res of PCC Bitmap.



Set up PCC

Launch “Port Manager”

Launch “”PageFlow” Application

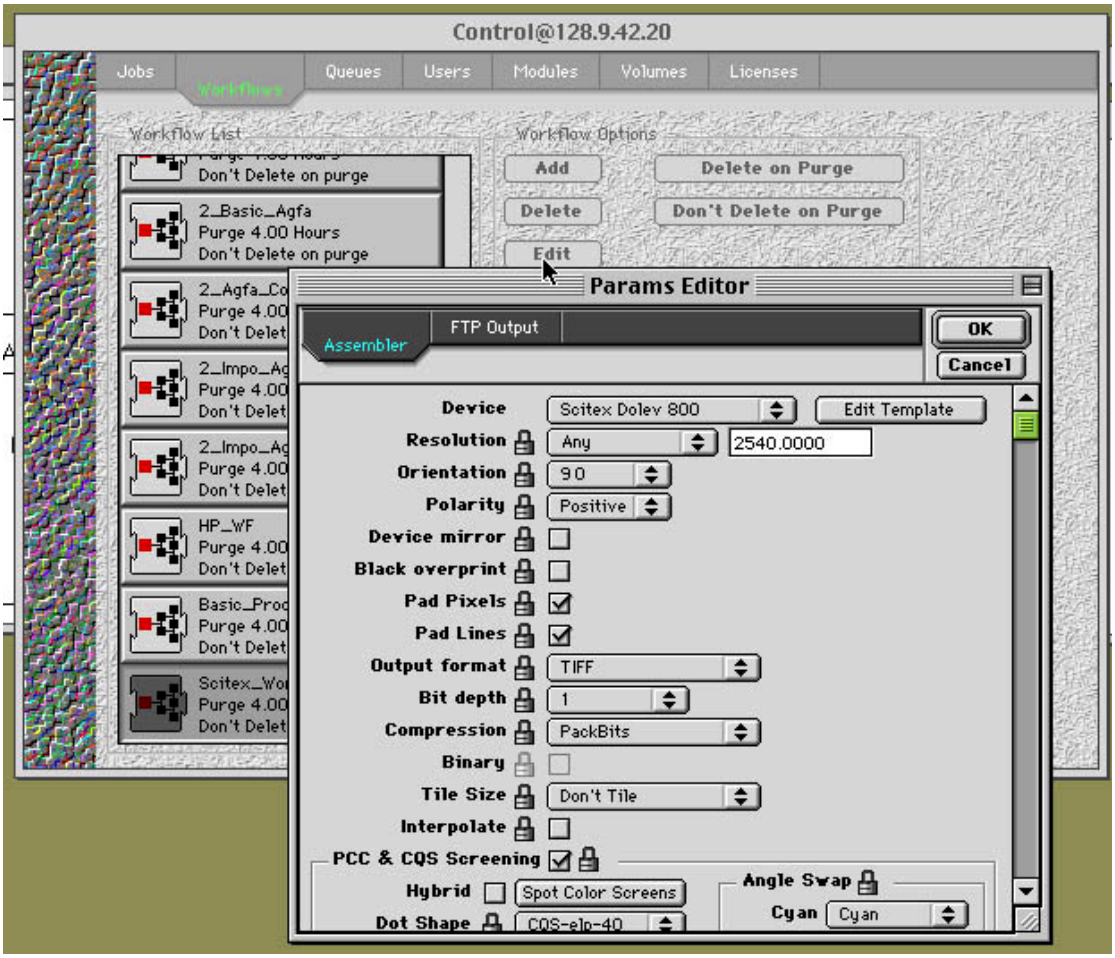
Select “Module”

Click “ADD”



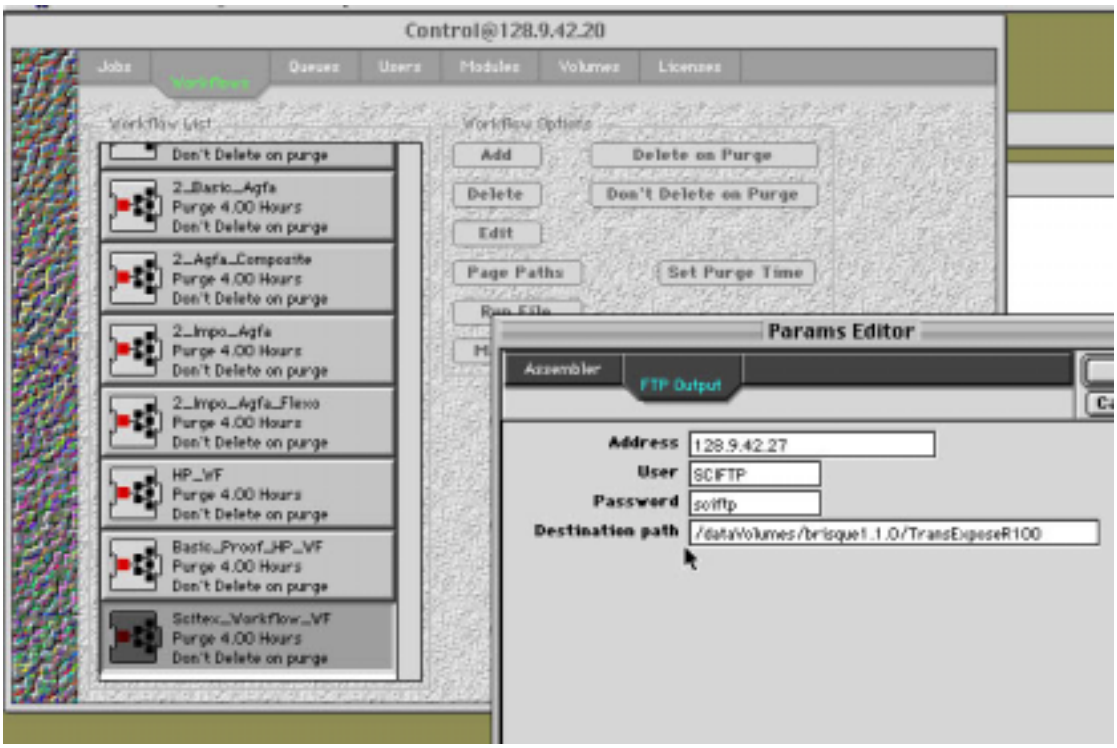
Configure in “Assembler” as shown.

Be sure to select “90°” as orientation.



Select FTP

Put in path to Hot Folder you created as shown



Use “PPD Creator” kit to create a PPD for the Brisque, if the current Scitex PPD creates errors.

Section

3

Workflow

From the Mac

Print to the PCC.

The file is sent from the Mac as a regular imposition, with the color bar on the bottom. The PCC does the RIPping, and Trapping, (the Imposition is done on a Mac program like Quark or Preps) rotates it 90° (so the color bar is vertical, on the left side) and sends the separated bitmaps to the Brisque via FTP.

On the Brisque

The file is translated to a LW and is exposed. Because the top “Rotate” is unchecked, the Brisque does not rotate the file and exposes it directly.

The file is already screened, so any screen set with the same resolution of the bitmap may be used. The offset to punch is accomplished on the Brisque in the Expose Atom or in the Press Format description.

Section

4

Notes

Workflow Optimization

File Size

An 8-up Cyan separation (Res 100, 175 line screen) with 95% coverage generated a 780 meg LW file. The more “dots” the separation has, the greater the file size. These large files can bog down the Tiger 2 processor that is provided in the initial configuration. The translation took about 5 minutes. Plate Expose via the TSP was still at full imaging speed and stop-spirals didn’t seem to be a problem. Initally, I had a Preview in the job ticket, but that proved to be unecessary (the workfow is so automated, once things come over in the right orientation, previewing them is unnecessary.

When 4+ separations are coming form the PCC, the Brisque is simultaniously receiving files and exposing them. Working on the Brisque during this time (previewing, etc. is slow and the Brisque seems unresponsive.)

Disk space is also an issue. If one job is has about two gigabytes of bitmaps, and gets translated to about two gigabytes of LW’s, drive space can fill up fast. The template should be set to delete the input file after the translation. Since customers will probably want to keep their bitmaps until after the job is printed (ten plates per hour = 40 gigabytes per shift!), a RAID on the Brisque or a send to a server is also recommended.

Calibration

Since the Brisque is only exposing pre-screened data, I recommend creating a calibration target on the Mac, RIPping it to the PCC, and using it to adjust Laser Intensity for calibration. The PCC has the capacity for creating and applying X-curves and Tone Reproduction curves to the bitmaps.