## How to Backup the XL's Setup Information

Virtually all of the XL's calibration and setup information is stored in the Windows Registry on the embedded computer. This information includes: lens focus positions, maximum height of the Z-axis, velocity and acceleration parameters, the mechanical tweaks, the autofocus height, the Rotary Y-axis position, etc.

After an XL has been completely initialized and has successfully passed all Production tests, save this information on disk before the machine leaves the building.

To do so, connect to the XL via the VNC remote software. After connecting, click the "Windows" key at the top of the VNC screen. You should get a Windows menu. Select "**Run…**".
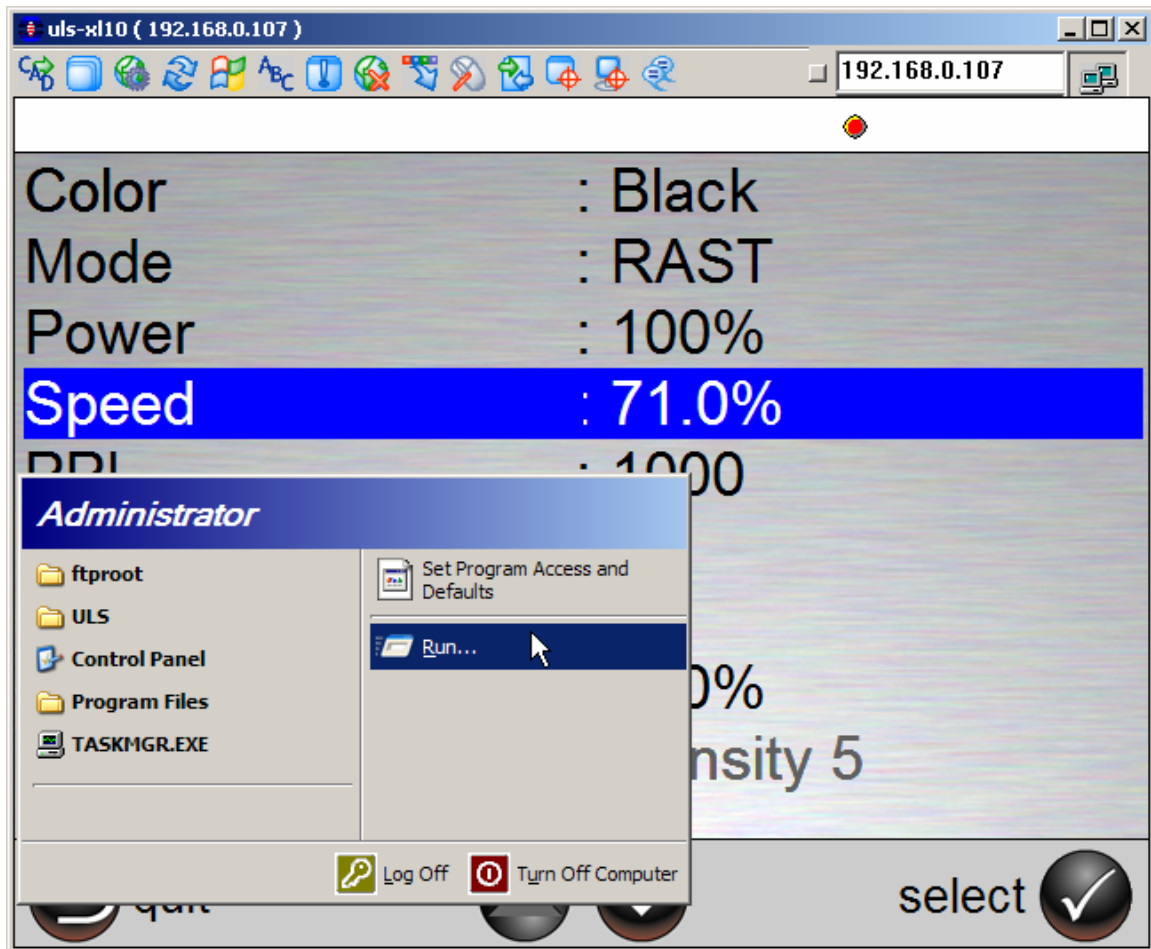
More…

At the "Run…" prompt, type "**regedit**", and press **return**:
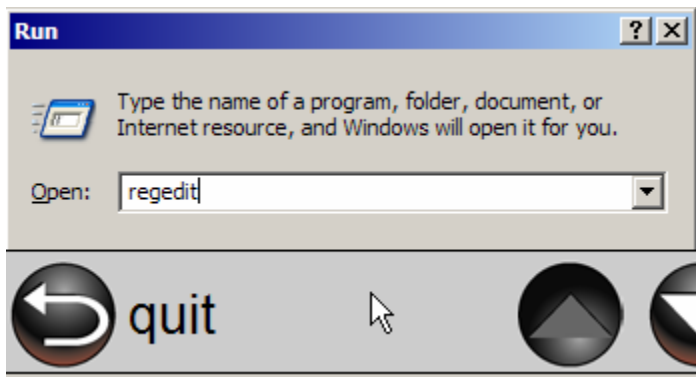
When **regedit** launches, navigate to the Registry key called HKEY_LOCAL_MACHINE\SOFTWARE\ULS, as show below.
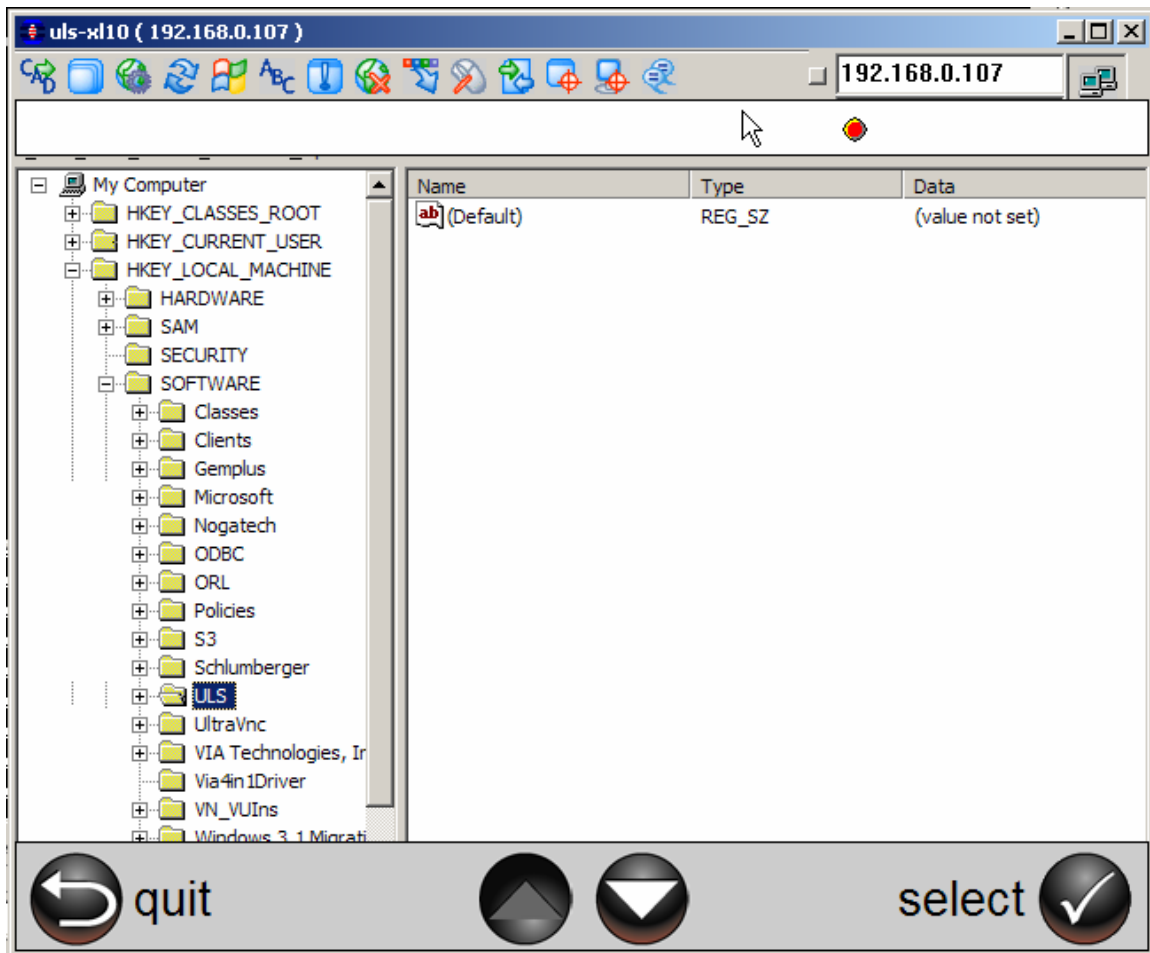
More…

Now right-click on the **ULS** key and select "**export**":
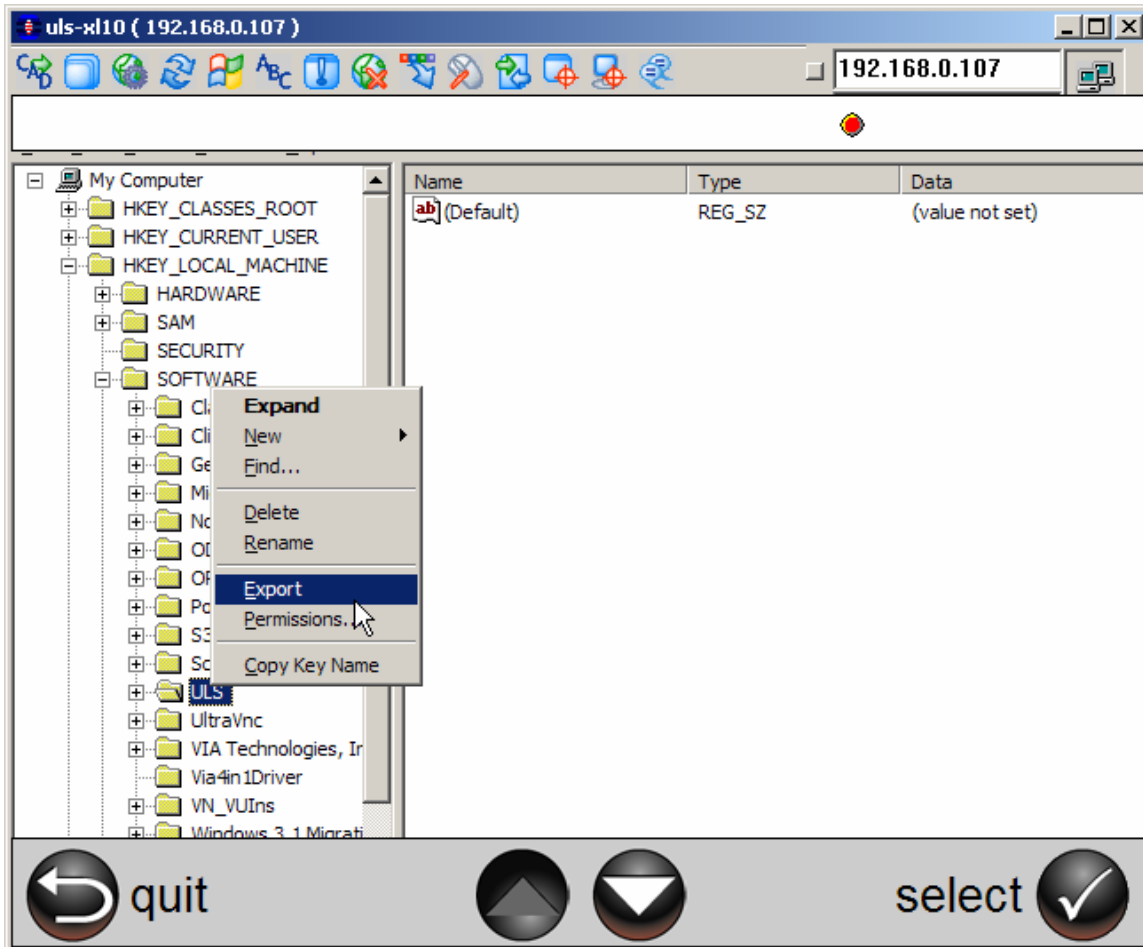
More…

Save the data to a file called "**c:\inetpub\ftproot\xl.reg**", as shown below.

Now transfer this file to the computer where we're archiving XL backup files. To do this, press the File transfer button at the top of the screen, the one that looks like this:

More…

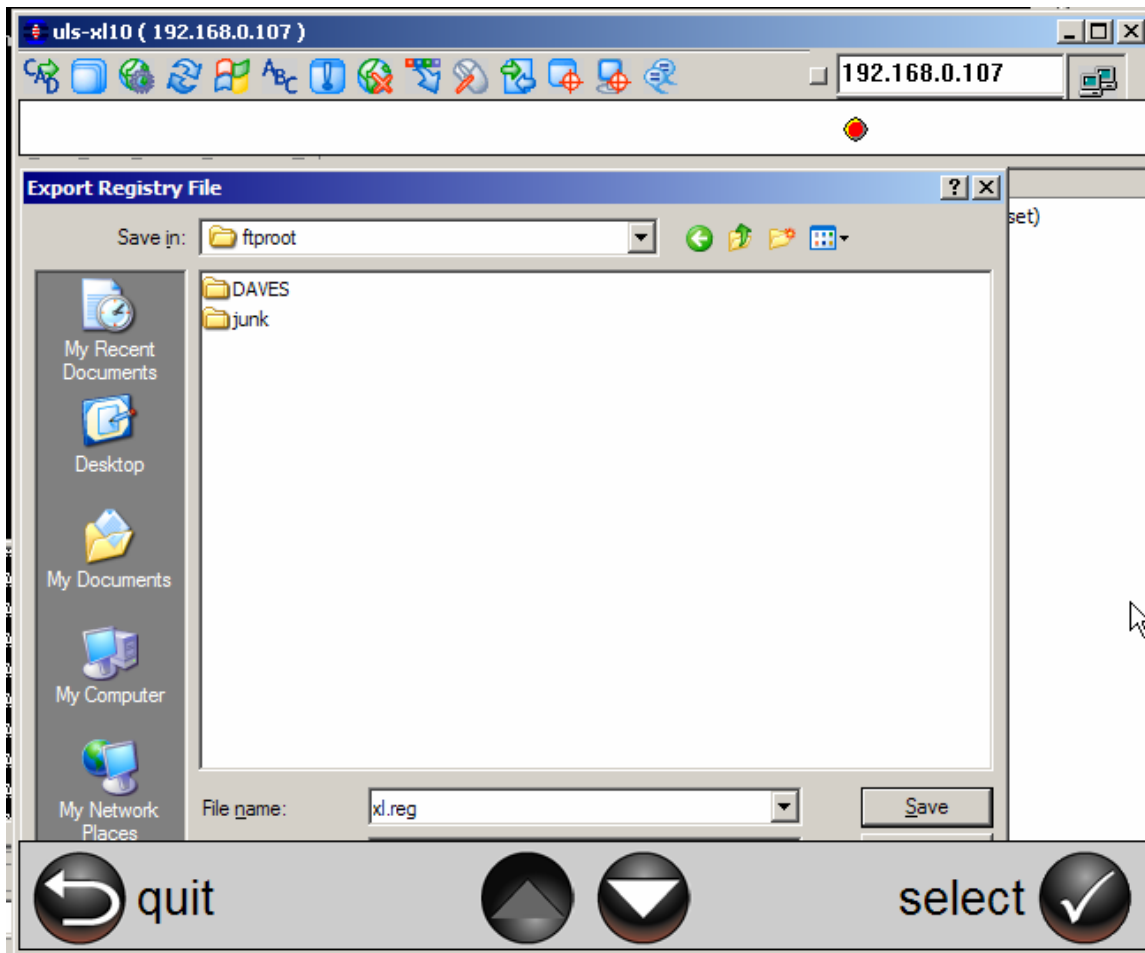Select the **xl.reg** file saved previously on the **REMOTE MACHINE** (which is the XL) located in the directory **c:\inetpub\ftproot**. Select a target directory on the **LOCAL MACHINE** (your computer). Below is an example. I'm transferring the file to the TEMP directory on my C: drive. Press "**<< Receive"** to transfer the file:

File Transfer with <uls-xl10 (192.168.0.107)> - Ultr@VNC

LOCAL MACHINE — (C:) - Local Disk — \ — ..

C:\TEMP\

Name	Size	Modified
readme.htm	4.23 Kb	11/29/2000 16:34
redist.txt	2.65 Kb	06/13/2000 13:47
relnote.htm	34.42 Kb	07/27/2000 18:22
servo.exe	876.50 Kb	01/21/2005 19:06
SETUP.EXE	19.50 Kb	12/11/2002 12:04
SETUP64.EXE	62.50 Kb	05/08/2002 12:25
setupsp5.exe	72.60 Kb	06/13/2000 11:29
slerrors.htm	6.98 Kb	06/13/2000 12:25
sp3express.exe	620.49 Kb	05/27/2003 16:27
temp.las	1.01 Kb	01/30/2003 15:34
text.rtf	388 bytes	01/24/2003 14:07
toc.htm	4.19 Kb	11/29/2000 16:34
uncol.exe	56.00 Kb	12/29/1999 21:22
usbicon.gif	929 bytes	04/07/2003 09:59
wfp.htm	12.08 Kb	12/29/1999 21:22
xl.reg	3.48 Kb	02/22/2006 06:15
xpversion.bmp	1015.71 Kb	08/24/2005 10:09

> 83 File(s)/Folder(s)

Send >>
<< Receive
Delete
New Folder
Minimize
Close

REMOTE MACHINE — (C:) - Local Disk — \ — ..

C:\inetpub\ftproot\

Name	Size	Modified
(..)	File Folder	
(DAVES)	File Folder	
(junk)	File Folder	
event.log	5.92 Kb	02/22/2006 01:34
xl.reg	3.48 Kb	02/22/2006 06:15
xlprofw.hex-v102-xl12...	33.63 Kb	02/27/2005 10:12
xlprofw.hex-v102-xl9200	33.63 Kb	02/27/2005 10:12

> 1 File(s)/Folder(s) selected for transfer

History : > 02/21/06 15:23:01 - Transfer completed

Progress : [██████████████████████████████████████] File 1/1

Transfer completed