

Accessing your data remotely

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Content

- A quick refresher course on accessing files
 - ✓ Web browser
 - ✓ File sharing
 - ✓ File transfer protocol (FTP)
- Network file system NFS
 - ✓ Not yet suitable for backup to data centers
- Running Scanco programs remotely



Web browser

- Address uses forward slashes
 - ✓ <http://usrmt1.scanco.ch/~microct/>
 - ✓ <http://192.168.1.75/~microct/>
- Use same user name and password as on microct
- Links for checking
 - ✓ Progress of batch jobs
 - scans, reconstructions, 3D evaluations, print outs
 - ✓ Disk space
- View slices and 3D evaluation results
- Access to user disk
 - ✓ Copy one file at once



File sharing I

- Address uses backslashes
 - ✓ \\USRMT1\
 - ✓ \\192.168.1.75\
- My Network Places
 - ✓ Entire Network
 - Microsoft Windows Network
 - MICROCT
- Map as network drive e.g. M:\
- PATHWORKS on Alpha computers
 - ✓ Different user name (e.g. UCT_40, VCT_40) and password
- SAMBA on Itanium computers
 - ✓ Probably same user name and password as on microct



File sharing II

- Shares for
 - ✓ User disk: UCT (Alpha), MICROCT (Itanium)
 - ✓ Data disk: UCT_DATA (Alpha), MICROCT_DATA (Itanium)
- Allows viewing of files without copying
 - ✓ JPEG, TIFF, DCM
 - ✓ Direct import of evaluation data into spreadsheet
 - Open with...
- Transfer of multiple files
 - ✓ Bi-directional (to and from microct)



File Transfer Protocol (FTP)

- Allows transfer of multiple files
- Use same user name and password as on microct
- VMS not supported by all FTP clients
 - ✓ Filezilla version 2.2.32 recommended
 - ✓ Filezilla 3.x series does not strip version number
 - ✓ WS_FTP Home
- Binary vs. ASCII transfer mode
 - ✓ Auto-detection should work
 - ✓ If text files have only 1 line, select ASCII mode



Network File System (NFS)

- Frequently asked question
 - ✓ "Can I backup my microct data to my school's data center?"
- Not recommended by Scanco
- Requires VMS as NFS client
 - ✓ Currently limited to maximum 2GB file size
 - ✓ Not supported by backup program



Running Scanco programs remotely

- Start X server
 - ✓ Xming, X live CD on Windows
 - ✓ also MAC OS X, UNIX, Linux
- Log in using terminal program
 - ✓ PuTTY (SSH, telnet)
- Use X-forwarding with SSH
- Set display manually using telnet
 - ✓ `set display/create/transport=tcpip/node=<PC IP address>`
- Start programs in terminal
 - ✓ `uct_evaluation`
 - ✓ `uct_3d`
 - ✓ `create/terminal/detach`

