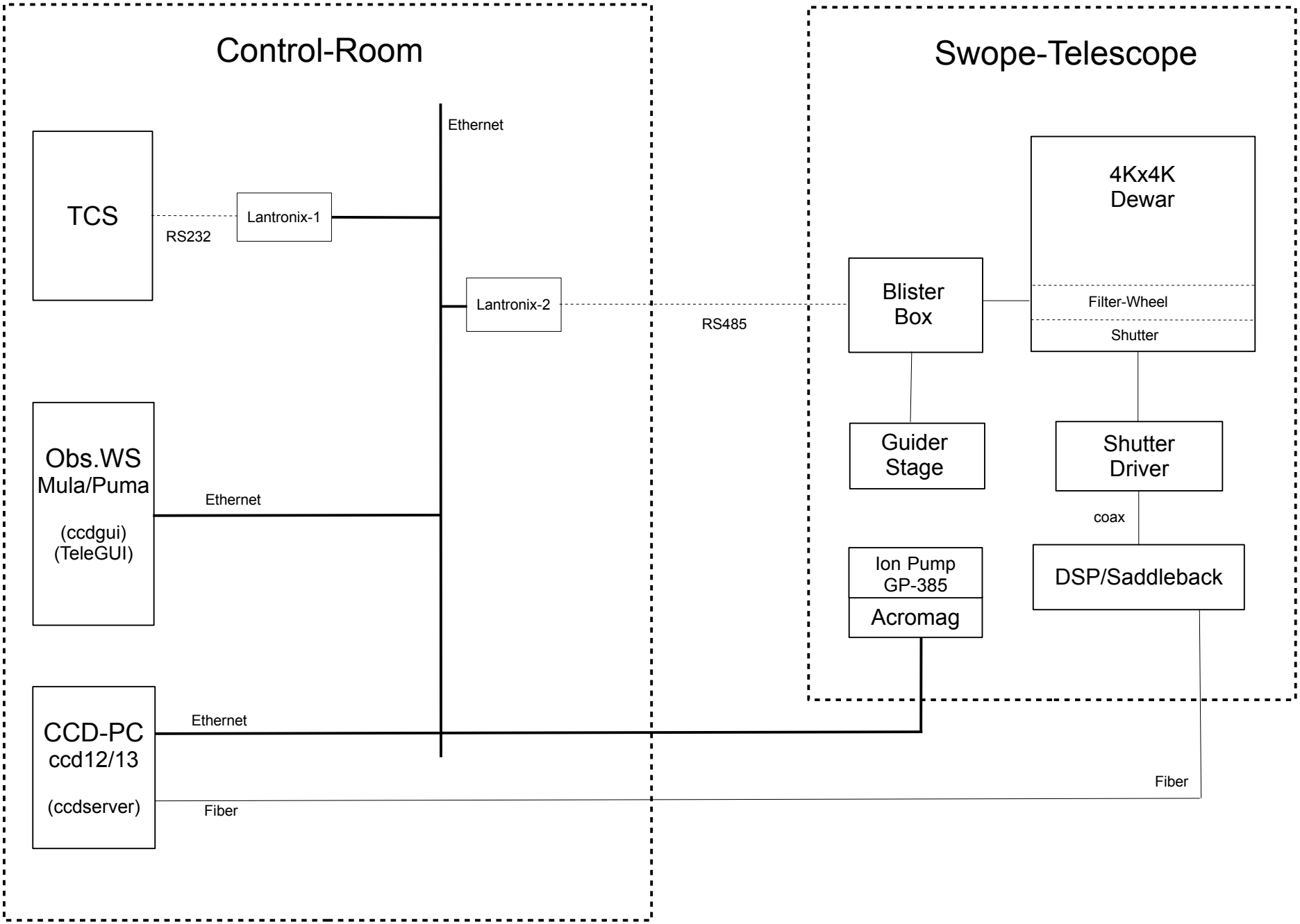
Direct CCD / 4Kx4K



Network Setup

Lantronix	IP-Number	Parameters	Interface	Flow-Control	Connect	Disconnect	Flush
1 swope-tcs	139.229.102.97	RS-232, 19200-8-1-N	0x4C	None	0xC0	0x00	0x00
2 swope-blister	139.229.102.98	RS-485, 19200-8-1-N	0x4F	None	0xC0	0x00	0x00
Acromag							
swope-vacuum	139.229.102.99	n/a					
CCD-Servers							
ccd12	139.229.102.102	n/a					
ccd13	139.229.102.103	n/a					

Software Changes

ccdgui (from DuPont): (C.Birk … done)
 * add '4Kx4K' support
 * add Swope TCS communiction via Lantronix-1 (coordinates for FITS headers)
 * add filter wheel ('blister-box') communication via Lantronix-2

ccdserver (from DuPont): (C.Birk … done)
 * add '4Kx4K' support

GuiderGUI (TeleGUI): (C.Birk … done)
 * port existing (LynxOS/X11) GUI to MacOS/X11 ... done by incorporating the guider functions into the 'TeleGUI'.
 * 'blister-box' communication via Lantronix-2

Hardware Requirements

* 2 Lantronix (UDS-10) TCP/IP-to-serial converters (M.Leroy ... done)
* Adapter cable to TCS: DB25<->DB9 (A.Rivera … done)
* Adapter cable to 'blister-box': DB25<->DB9 (A.Rivera … done)
* Linux-PC running the 'ccdserver' software (J.Estrada, J.Hughes ... done)