SAAO SPRAT Software Architecture

(User) Interface			

Instrument-level controller			TCS-level controller
Camera client	Spectrograph mechanism client	Filter mechanism client	TCS client

Thrift middleware	Thrift middleware	Thrift middleware	Thrift middleware

Camera driver/server	Spectrograph driver/server	Filter mechanism driver/server	TCS driver/server
USB3	Ethernet	Ethernet	
Andor Camera	Arduino	Filter mechanism PLC	TCS hardware
Detector hardware	*Spectrograph hardware*	*Filter hardware*	*Telescope hardware*