

## PROJECT LIST

### The Design, Supply, Delivery, Installation, Testing and Commissioning of 1.5Gbps High Definition (HD-SDI) interface video optical transport system for Astro Arena

Optical Video Solutions proposal for Telekom Malaysia's Broadcast Sales and Services Division of HD/1.5Gbps (Un-compressed) transport network for Astro Arena. The system use DWDM fiber technologies to transport bi-directional HD-SDI video between Astro Arena and Astro Bukit Jalil

Bu using the system Astro can stream their live content from Astro Arena studio in Petaling Jaya for broadcast through their satellite network system.



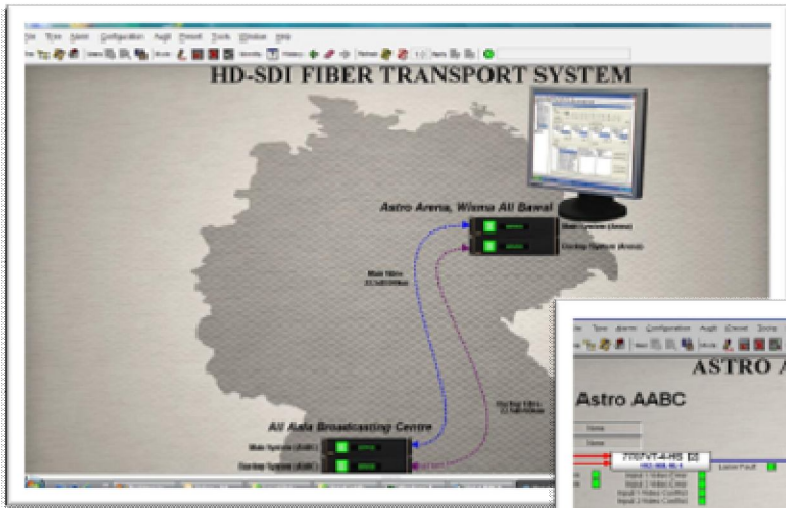
Astro Arena



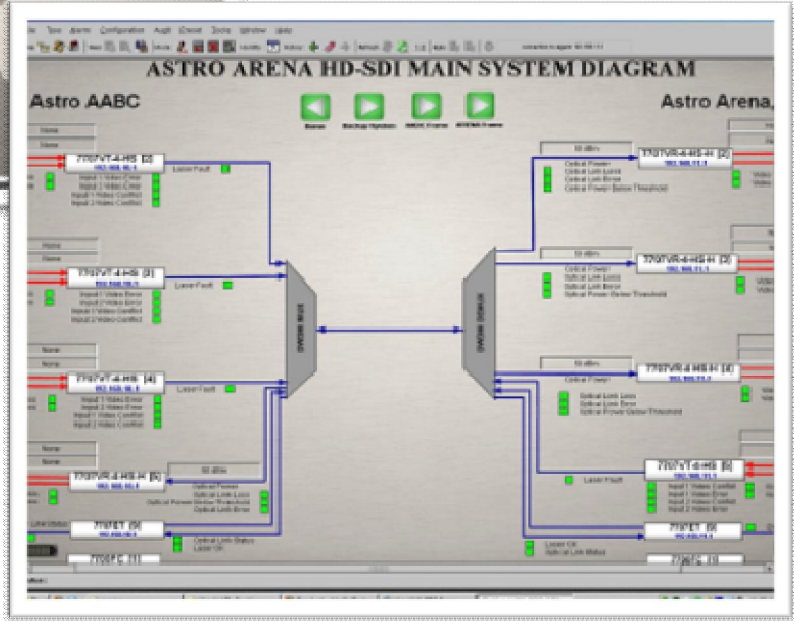
Astro AABC



Inter-racking



VistaLINK PRO NMS



The equipment involve is as below;

- i. Evertz quad HD fiber transmitter & receiver
- ii. DWDM Mux & Demux
- iii. Gigabit Ethernet fiber transceiver
- iv. VistaLink monitoring with graphing mapping & web support

The optical transport system design to use main and redundancy path in o-ring network config (fiber network provided by TM) to ensure the availability of the on air channel if anything happen to dark fiber.