

Standard Cabinet Configuration Signage

Date: 20th February 2006

All Networks and Communications cabinets within the university are being upgraded, inline with the switch refresh project, to conform to the following general guidelines. These guidelines are being implemented to allow ease of use by all when it comes to patching and problem finding in the ANU Network.

An A5 sticker will be attached to the centre inside of all cabinet doors with the information below displayed. These stickers will only be placed inside cabinets once Networks and Communications (NetComms) has completed the changeover of the switches in that particular cabinet.

Colour Coded UTP

All UTP cable in a cabinet should be one of the following colours:

RED	Uplinks (Crossover cables)
BLUE	Local
YELLOW	Campus Services (e.g. Cardax, BMS etc. May also be an uplink) Or Analog Voice Links

GREEN: Green UTP will only be used in cabinets that have switch infrastructure that is shared between two business areas. Where one area uses green cabling and one blue cabling. E.g., cabinets containing DOI IC Lab switches.

Red and Yellow UTP cabling is only to be patched by Networks and Communications and approved contractors.

Blue UTP cabling may be patched by Litss.

The benefits that will be gained from this new standard are,

- Easier for NetComms staff, Litss and contractors to trace appropriate services.
- Less chance of essential services being unpatched inappropriately.

There has been multiple instances in the past where LITSS would 'clean up' a cabinet, with only good intentions, and end up repatching to the wrong ports, not realising that different ports on a switch contain different configurations. Colour coded cabling will only minimize disruption to essential services however as blue UTP cabling may, and in most cases will, contain different port configurations as well.

Laser Safety

The SFP ports on the Enterasys C2's and N Series switches use invisible light radiation. A warning symbol and text will be on the sticker. This will have two benefits,

- Less chance of injury to people. NetComms has a duty of care to warn of the danger imposed by the radiation.
- Less chance of unauthorised people disconnecting the optical fibres from the switch and thereby disabling the switch as optical fibres are trunk lines.