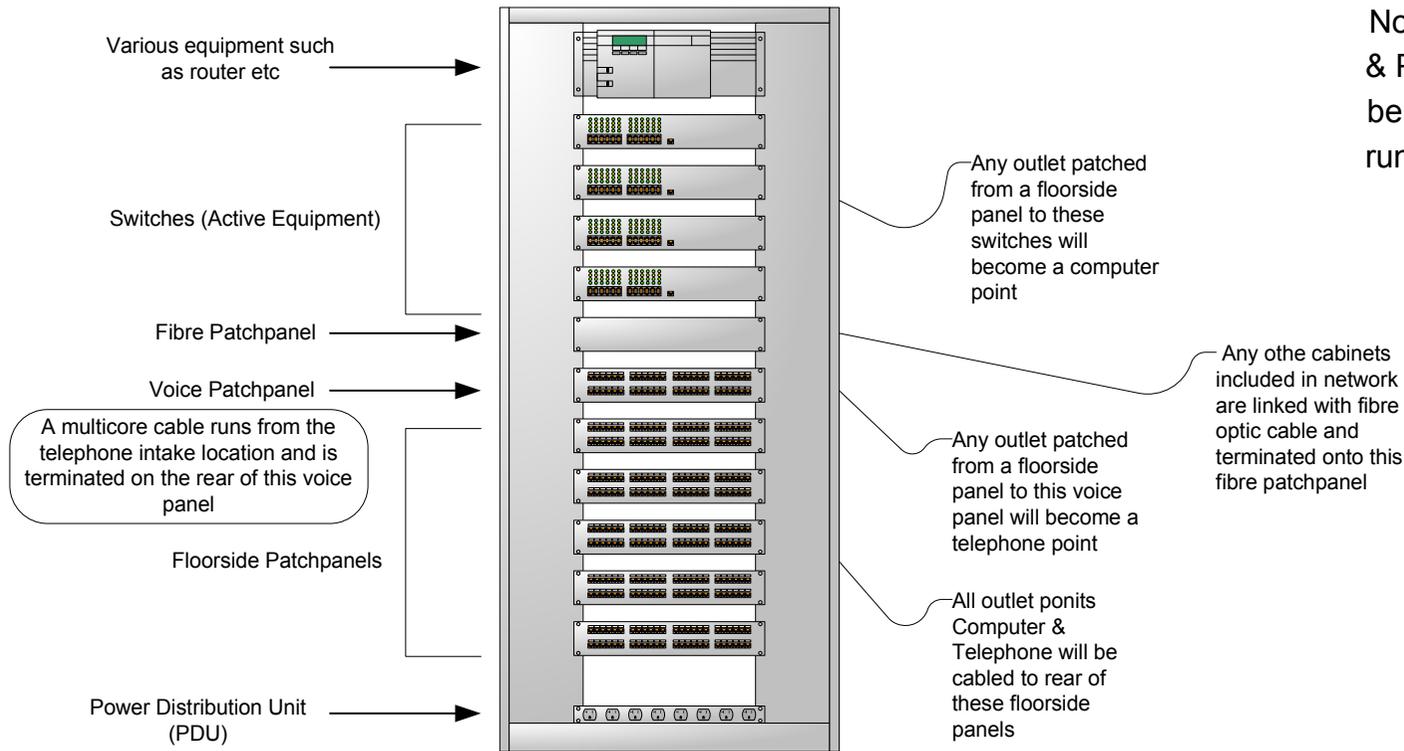# Layout of a Comms Cabinet, used in a structured cabling install

RAMICK

Note spaces between Router, Active equipment & Patchpanels. Cable management rails should be used to keep patch leads tidy. The leads will run vertically down the sides of the cabinet, then across the horizontal management rails.

Various equipment such as router etc

Switches (Active Equipment)

Fibre Patchpanel

Voice Patchpanel

A multicore cable runs from the telephone intake location and is terminated on the rear of this voice panel

Floorside Patchpanels

Power Distribution Unit (PDU)

Any outlet patched from a floorside panel to these switches will become a computer point

Any othe cabinets included in network are linked with fibre optic cable and terminated onto this fibre patchpanel

Any outlet patched from a floorside panel to this voice panel will become a telephone point

All outlet ponits Computer & Telephone will be cabled to rear of these floorside panels

Cabinet Sizes "U"

12U – up to 48 Data/Voice points

15U – up to 56 Data/Voice Points

24U – up to 96 Data/Voice Points

32U – up to 128 Data/Voice Points

38U – up to 160 Data/Voice points

48U – up to 192 Data/Voice Points