

# SPOT LIGHT ON

## TV over Twisted Pair - Case Study

With more and more buildings being exclusively wired with Cat 6 (twisted pair) cabling for all IT, security and audio visual needs, the distribution of some traditional services such as TV signals is sometimes problematic.

### Background

Our client was moving into a new 3 floor office block that had previously been flood wired with Cat 6 cabling to all rooms. They required freeview TV's to be shown at 15 different locations but the building structure / set up prevented co-axial cables from being easily installed.

### The solution

In order to meet the clients tight budget, ACS designed and built a customised system that allowed TV signals from an aerial to be easily distributed to any data point within their building.

### The product

We purchased multiple coax – Cat 6 devices and installed them into a custom fabricated 2U rack unit that was neatly installed into the clients existing data cabinet. Taking in an aerial feed, it distributed the signal to a standard patch panel at the front of the rack. This allowed any data point within the building to be easily patched into our equipment.

At the TV end, we installed Cat 6 – coax devices with custom made fly leads that allowed TV's to be easily connected.



Standard Patch Panel presented at front of rack for easy patching



Customised product containing converters, amplifiers, patch leads, coax fly leads and distribution units.

### The outcome

An inexpensive system that allowed our client to have standard TV signals at up to 15 locations within their building.

# Alarm & Communication SYSTEMS • LIMITED • • • • •

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