



# Smart-e

## Case Study

<b>Project</b>	<b>Blue Coat School</b>
<b>Installer</b>	<b>HTS</b>
<b>Product</b>	<b>SLX-711</b>
<b>Location</b>	<b>Worcester, UK</b>

*Worcester based AV installer Hadleigh Technical Support Limited (HTS) used Smart-e's smartLynx point-to-point splitter range to rectify a malfunctioning digital signage system at a West Midlands junior school.*



Smart-e's SLX-77 pair

### Smart-e equipment to the rescue!

HTS was called in by Tom Parker of Blue Coat Church of England Junior School to remedy the school's digital signage system which had never worked successfully. The original equipment installed some three years previously gave poor washed-out on-screen images, and when classroom lights were turned on or a vacuum cleaner kicked into action, the signal was knocked out. Despite repeated repairs by the original installer the system just did not work properly.

*"You have to 'bite the bullet' and invest in a good quality converters to achieve optimum clarity."*

An HTS engineer quoted "The main problem here was that to get the initial sale, the original installer / supplier had used cheap low quality distribution products to reduce costs, whilst the main bulk of the budget was used on high quality screens, the back bone was weak."

The engineer continued "You have to 'bite the bullet' and invest in a good quality converters to achieve optimum clarity. The network to distribute AV signals needs to be reliable and robust and have the ability to be upgraded easily. Opting for inferior quality distribution will only ever result in poor quality images and sound. Part of the school's system was good quality but it limped along because an inferior distribution system was in place."

HTS had used Smart-e equipment in previous projects and selected the AV distribution specialist's smartLynx range of point-to-point CAT5-8 splitters to replace the problematic system. One Smart-e SLX-TX711 transmitter together with five Smart-e receiver units (SLX-RX711) were used to replace the old distribution units. At last the school has a digital

signage system that gives clear and bright images and doesn't cease up when the lights are turned on.

Blue Coat's Tom Parker commented "The Smart-e equipment installed by HTS fixed the problem and we are delighted that we now have a fully functioning digital signage system".

### Smart-e's smartLynx (SLX) range

Consisting of transmitter and receiver pairs, our SLX range extends AV signals over CAT5-8 structured cabling up to 100m from the source. It supports high resolution video up to 1280x1024, features sync format, polarity preservation and video looping input. Up to four transmitters can be 'daisy chained' to expand the system post install.

The smartLynx family is just one of many AV distribution systems designed and manufactured by ourselves at our Surrey based premises. We pioneered the use of CAT5-8 structured cabling to distribute AV signals, and offer a wide selection of analogue and digital distribution equipment ranging from transmitter and receiver pairs to large distribution matrices.



### Hadleigh Technical Services (HTS)

Based in the Midlands, Hadleigh Technical Support has been established for over 14 years providing various technical services for the AV industry and in the last few years the end user. Formed from a service background HTS has the knowledge to ensure that the products and solutions they supply are suitable for the application and provide a high level of reliability. HTS engineers have various accreditations, full health & safety training and are CRB checked for working in the public sector and other industries.