

Case Study

Scene Double and ITM provide extension for 60 mission critical workstations in police command centre



Faced with the problem of transmitting the video and audio content of remotely located computers coupled with the need to have local control of them as part of a major upgrade, APD Communications Ltd turned to specialist computer and network provider ITM Components to assist them in their solution. ITM, in turn, approached Scene Double to provide over sixty SDBX/UA1, keyboard, video and mouse (KVM) extenders for installation at Devon & Cornwall Police 999 Command Centres.

The solution consisted of a pair of small transmitter and receiver units which were located at either end of an individual Cat5e cable to act as transceivers for video and data signals sent in one direction and keyboard, audio and mouse actions sent in the reverse direction. Each computer is connected to the transmitter using standard audio, video and USB cables; an operation that is repeated at the receiver end for the touch screen monitor and control devices, again using standard computer cables. The result is that the computer can be used by the operator as though they were sitting directly in front of it, whilst the computer hardware can be located up to 300 metres away.

Installation of these devices was straightforward, as Brian Snelgrove, ITM's project manager explains: "Scene Double's KVM devices have plug-and-play operation and all that we needed to do to install and get them operating was to make dedicated mounting brackets to locate them under the console desks." Scene Double and ITM Components worked closely with APD Communications at the start of the project to ensure that the 60 KVM units were the most appropriate for the task, Brian Snelgrove; "We lent APD's technical department some test units for evaluation with their systems. Scene Double's engineers supported this activity and made minor changes to the device's operation to meet certain specific requirements needed for this project: an action that was possible as they are designed, manufactured and supported in the UK, which turned out to be critical to the success of this project."



About Scene Double

Scene Double's design and manufacturing experience and expertise in the professional KVM and video extension market stretches back over 19 years from its formation in 1991. Many products are manufactured under OEM relationships with some of the computer industry's largest suppliers of computer systems and peripherals from Scene Double's own UK-based state-of-the-art manufacturing facility capable of volume surface-mount and complete product assembly. Direct sales of KVM, DVI and video extension and switching devices is also undertaken from the headquarters site in Hertfordshire to major organisations throughout the world where they are renowned for their quality, innovation and reliability.

Scene Double has entered into a number of technology cross-licensing and marketing deals with other companies in similar markets. The company prides itself on a strong level of personal support, provided in most case by engineers responsible for original product design. This has culminated in the recent opening of a fully equipped and spacious training facility for all its own products, together with those of its partner companies. Scene Double also offers full system specification services to assist dealers and system integrators in specifying and using its KVM and DVI switching and extension product range.

High resolution Photos

Product images are available at www.scene-double.co.uk/press/

Further Information

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For full product information: www.scene-double.co.uk/draco