

APPLICATION NOTES

EXTENDER



Whisper over kvm-tec Extenders

Applications such as traffic control centres, control rooms – simply put wherever lots of monitors and PCs are used and the concentration of the users at this noise level would be affected. Control rooms in particular require just this level of concentration, as many processes are running and being monitored on the monitors at the same time.

Keep a cool head with kvm-tec Extenders

Robust and reliable KVM Extenders are just right for extreme usage conditions, such as high/low temperatures, and the dust-laden air found on many industrial production lines. KVM Extenders allow space-intensive equipment to be removed, and ensure the best possible operational safety and reliability for permanent use.

*For applications in industry, the chemicals industry,
paper industry, etc.*

kvm-tec Extenders make it possible - even outdoors

All outdoor applications call for particular robustness and reliability, as products in these areas can be afflicted by weather conditions. Thanks to many years of design experience, our products are designed such that even weather conditions or a harsh operating environment cannot harm them, and that reliable use is guaranteed even in these conditions.

This is achieved by installation in waterproof terminals, with a sealed touchscreen and our Extender integrated into the box.

kvm-tec Extenders love interactivity

Just imagine a museum use case, where the computer is located in a different part of the museum from the displays. Visitors can access information from the museum or experience the knowledge interactively by clicking on different displays. The benefits of this are greater ease of use and better security against viruses.

Extenders in medical facilities - where only ultra-clean will suffice

In clinics or hospitals in particular there are a multitude of signal sources and connections required in the operating theatre and to other wall displays. The advantage of the MVX is that everything runs

via a CAT X cable, this ensuring maximum security for sensitive data traffic. kvm-tec is collaborating with well-known manufacturers in the medical technology domain, who are integrating the remote part in hermetically sealed and easily sterilised displays.



kvm-tec Extenders in conference rooms – now it's clear who will be speaking

In conference rooms, where everything has to be tidily wired up, the projector on the ceiling and the PC further away, the MVX provides a reliable and cost-effective solution. In combination with the KVM Matrix Switching System, switching on is possible from any seat with no problem.

Conference button ensures that the right person is able to speak

The switching system can also be controlled by pressing a button connected to the extender.

This makes it possible, for example, to connect the computer of the respective conference participant to the projector at the press of a button.

kvm-tec Extenders in air traffic control – the power in the tower

The workstations of air traffic controllers or technicians are generally housed separately. This makes reliability an important criteria in its own right, and the MVX from kvm-tec simply guarantees maximum stability and reliability. Likewise, the ergonomics and display clarity of the workstation are an important requirement, which is



ensured by the MVX by data transmission in Full HD via a single CAT X cable.

kvm-tec Extenders - the digital signal master

kvm-tec MVX Extenders are used at airports, in shopping centres, for POS, and in shops – quite simply wherever it is necessary to install the PC further away from the monitor or touchscreen. Even at great distances, transmission is fully lossless and in realtime. The KVM Matrix Switching System ensures intelligent distribution of your information.



kvm-tec Extenders are also suitable for hardcore conditions

In a meat production line, the devices are cleaned multiple times each day with high pressure. In this case, the extenders can be neatly integrated into monitors able to withstand these tough conditions. (LVDS option)

kvm-tec Extenders - also perfect for the outdoor area