



VSS2XM – Minisystem

Video Switch System

The WEY Video Switch System gives considerable opportunities to lower the costs of IT infrastructure and to design ergonomic environment for the users. High performance trading in dealing floors controlled by one single Keyboard.



Highlights

- **Free seating concept for high flexibility and low MAC costs**
- **Real time access**
- **High reliability with redundant power supplies and backup system**
- **Independent from Platform and Hardware Vendor**
- **Signal transmission over in-house cabling (UTP/STP) up to 300m**

Advantages

The most notably advantages are the free seating concept, licence sharing and flexibility of the system architecture.

The Keyboard, Mouse, Video and Audio signals of the source PCs are switched to the desk. Moves, adds and changes (MAC) of users can be performed in a short time.

The quality of the system, its flexibility and modular concept results in a rapid return of investment (ROI).

The Video Switch System is independent from any network, platform and hardware vendor.

It guarantees real time data and a high security level.

Features

The Video Switch System offers several features to reduce costs of the IT infrastructure.

Free seating concept

With the free seating concept the users can logon to the Video Switch System from any desk where a WEY Keyboard is installed.

When a user moves to another desk he simply logs on at the new location to have immediate access to the sources based on his user profile.

This simplifies the move, add and change (MAC) process and will greatly reduce your MAC costs.

Multiple Screen Display

Sources can be displayed independently on one or more screens. Dual and quad screen sources are fully supported.

Source/Service selection

Selection of dedicated, slaved or shared sources such as Dealing, EBS, TV, internet PC, in-house applications and many more are possible.

Available sources are visualised on the keyboard's display and can be selected by the corresponding function key.

Access rights

Access rights and priority level for each source within the Video Switch System are defined in individual user profiles.

Experience

Let us assist you by planning and designing your trading floor or office environment with our knowledge and relationship to a wide network of partners.

We also provide client specific solutions from our own development department.

Accessories

For the Video Switch System a wide range of accessories are available, as shown below ;

Keyboards

HK2000 or WEY RAY with LCD display and integrated keypads.



Desk Chassis

Several chassis types are available for the receiver modules at the desk.



TV Solution

TV tuner with control interfaces like PS2, RS232 and IR Interface. XGA Video Output.



Infrastructure

A single WEY Keyboard and Mouse are all that is required on each desk to control the users workstations.

Based on the users requirements one or more screens for dedicated and switched workstations must be installed.

Audio, Video and Data signals from the Video Switch System are transmitted using the inhouse cabling (UTP/STP) to the receiver equipment at the desk.

We recommend the use of shielded cabling (STP/SSTP) of CAT6 or higher.

Distances of up to 300m between the Systemroom and the Desks are supported.

Heat and noise radiation

Heat from Computers and electronic Components are handled more efficiently by the System room Air conditioning. The Workstations are relocated into the systemroom while a small compact receiver box is installed at the desk. You can save costs by reducing the power of the air conditioning on the trading floor.

System redundancy

To guarantee a high reliability in sensitive environments the system is controlled by a master and standby PC. All critical system components use dual power supplies.

System sizes

The structure, type and size of the Video Switch System depends on the number of connected sources, desks and screens.

The VSS2XM Minisystem is used in small and medium sized trading floors and control rooms. Typical sizes vary from 8 to 50 users. For greater sizes the VSS2X Standard Video Switch System is required where more than 250 sources can be accessed by over 500 users.

Access rights

Services can be shared, dedicated or slaved to each user.

While sharing a service, licences can be reduced to greatly save costs.

Where licence sharing is restricted or for privacy reasons sources can be dedicated only to a defined user.

With a slaved access the user is able to view only a service. This is useful for services like TV, Charts, Information Distribution, etc.

Example of a VSS2XM – Minisystem

The picture below shows a typical example of a Video Switch System. Each user controls his dedicated workstations and the source PCs connected to the System with a single WEY Keyboard.

Video Switch System

The Video Switch System is installed in the System Room. Depending of the system size the space requirements varies. Typical systems including the system console requires a 19" cabinet. In cabinets beside the Video Switch System the source PCs such as Dealing, EBS, TV are located. Keyboard, mouse, video and audio interfaces are connected to the Video Switch System.

Access by one Keyboard/Mouse

The user must login on the WEY keyboard to get access to the sources. The sources can be displayed and switched on one or multiple screens. Even sources with up to 4 Video outputs can be handled.

The trader can control up to 6 dedicated workstations connected to the WEY keyboard (remoted or local). The access for dedicated workstations and switched sources is controlled by a single key press on the keyboard. Alerts and Events can be handled very efficient.

Desk environment

On each Desk a compact chassis with the receiver equipment is installed. The chassis is available in different forms and sizes. We can also provide client specific chassis. The size of the desk can be reduced where no PCs are installed locally.

