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## ) eyecon® Control Server

The eyecon Software is a client-server solution and is based on a MySQL databank. With large video walls this databank is usually located on the ECS. With smaller wall configurations it is also possible to set up the databank directly on the netpix controller.

All relevant information for the wall management can be stored and called-up again centrally at the ECS, which allows control of your large screen system from any workstation within the network. All systems and clients have access to this databank, which prevents faulty operation and long reconstruction processes.

### ) ADVANTAGES

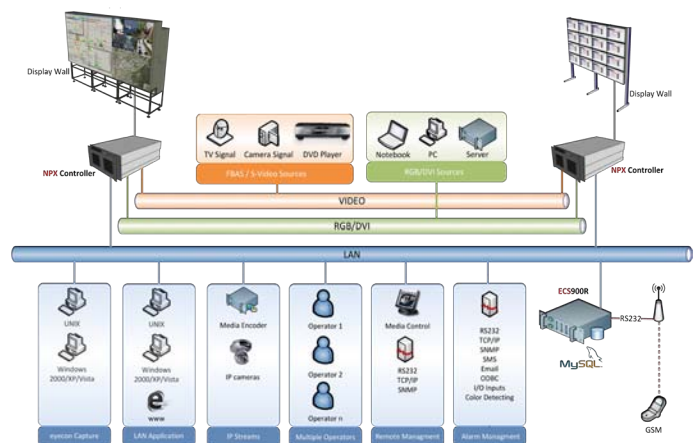
- ) The servers from eyevis' ECS series were especially tested and certified for usage in combination with eyecon wall management software.
- ) For standard scenarios the database can be installed directly on the NPX Controller, but if the eyecon software has to manage clients, capture sources, Alarm features etc., we recommend using a separate server to have enough performance available for applications and external sources on the NPX.
- ) For performance, reliability, and ease of integration, the ECS Range is specifically designed for and validated with the Intel® Server Board through rigorous testing in concentrated computing environments.
- ) Flexible and easy access to the server is another concern in a space-constrained environment. The ECS addresses this concern through management technologies such as the optional Local Control Panel and validation with Intel® Server Manager. The ECS also simplifies maintenance with the help of optional tool-less rack slide rails and cable management arm, and tool-less assembly and replacement parts including fans, the hard-drive backplane, risers, and power supplies.

## ECS Control Server

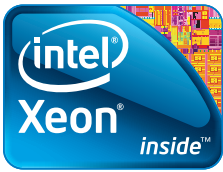
The databank is located on the eyecon control server (ECS) which serves as the central device for the configuration and administrative control of the complete system.

The netpix controller enables the visualisation of any data on the connected projection modules. It is controlled by the ECS and enables the display of any signal sources on the large screen wall. The system has been especially developed for the operation with eyevis rear-projection cubes, but it can also be used with plasma screens, TFT monitors, single projections or other visualisation devices.

### ) EXAMPLE CONFIGURATION



# ) ECS SERVER



## ECS Control Server

### ) TECHNICAL SPECIFICATIONS

	ECS500	ECS800	ECS800R	ECS900R
Chassis:	19", 4 HE, Rackmount	19", 2 HE, Rackmount	19", 2 HE, Rackmount	19", 2 HE, Rackmount
Fan:	1x Papst Axial Fan (1x120mm)	3x redundant Axial fan, non HotPlug	3x redundant Axial fan, non HotPlug	6x redundant Axial fan, HotPlug
Processor:	1x Intel Dual Core E2200 CPU with 2.2 GHz incl. Intel S775 Fan (1 MB Cache, FSB800)	1x Intel Quad Core Xeon 5405, 2 GHz, 12 MB, FSB1333	1x Intel Quad Core Xeon 5405, 2 GHz, 12 MB, FSB1333	2x Intel Quad Core Xeon 5420, 2.5 GHz, 12 MB, FSB1333
Chipset:	Intel S300AHV Server Board	Intel S5000PAL, Multi Core Xeon, FSB1333, RS232	Intel S5000PAL, Multi Core Xeon, FSB1333, RS232	Intel S5000PAL, Multi Core Xeon, FSB1333, RS232
RAM:	1.024 MB DDR-RAM II PC533 (2 Modules)	1024 MB DDR-RAM ECC (2 x 512 MB Modules)	2048 MB DDR-RAM ECC (2 x 1 GB Modules)	2048 MB DDR-RAM ECC (4 x 512 MB Modules)
Harddisc:	2 x Hitachi GST 7K160 with 80 GB (Raid 1)	2 x Seagate Barracuda ES2, 250 GB, Raid 1, 7.200 rpm, 32 MB	2 x Seagate Barracuda ES2, 250 GB, Raid 1, 7.200 rpm, 32 MB	2 x Western Digital Raptor 74 GB, S-ATA, Raid 1, 10.000 rpm, 16 MB
Harddisc bay:	2x RaidSonic S-ATA Removable Harddisk Drawer	2x SATA Hot-Swap Backplane	2x SATA Hot-Swap Backplane	2x SATA Hot-Swap Backplane
Disc storage:	LG 18x Speed DVD-ROM, 3.5" Alps Floppy	DVD Recorder with Image and Recovery Software	DVD Recorder with Image and Recovery Software	DVD Recorder with Image and Recovery Software
Graficcard:	ATI ES1000 16 MB VGA (analog), on board	ATI 16 MB VGA (analog), on board	ATI 16 MB VGA (analog), on board	ATI 16 MB VGA (analog), on board
Ethernet:	1x Standard integrated 10/100/1000 Mbps RJ45 ports	2x Standard integrated 10/100/1000 Mbps RJ45 ports	2x Standard integrated 10/100/1000 Mbps RJ45 ports	2x Standard integrated 10/100/1000 Mbps RJ45 ports
Power Supply:	100-240 V, 50-60Hz, 430 Watt SeaSonic Power Supply (Optional: redundant Power Supply 2 x 500 Watt)	100-240 V, 50-60Hz, 750 Watt (Redundancy optionally available)	100-240 V, 50-60Hz, 750 Watt Redundant (hot swappable)	100-240 V, 50-60Hz, 750 Watt Redundant (hot swappable)
Accessories:	104-key keyboard; mouse with 2-buttons + wheel/ button, optional: extension up to 50m	104-key keyboard; mouse with 2-buttons + wheel/ button, optional: extension up to 50m	104-key keyboard; mouse with 2-buttons + wheel/ button, optional: extension up to 50m	104-key keyboard; mouse with 2-buttons + wheel/ button, optional: extension up to 50m
Dimensions:				
Height:	7.08" (180 mm)	3.44" (87.30 mm)	3.44" (87.30 mm)	3.44" (87.30 mm)
Width without rails	16.93" (430 mm)	16.93" (430 mm)	16.93" (430 mm)	16.93" (430 mm)
Width with rails	20.08" (510 mm)	17.77" (451.3 mm)	17.77" (451.3 mm)	17.77" (451.3 mm)
Depth without Rails		27.75" (704.8 mm)	27.75" (704.8 mm)	27.75" (704.8 mm)
Depth with Rails		33.0" (838.2 mm)	33.0" (838.2 mm)	33.0" (838.2 mm)
Weight:	29.5 kg (65 lbs)	29.5 kg (65 lbs)	29.5 kg (65 lbs)	29.5 kg (65 lbs)
Operating Temperature:	0°C – 40°C (32°F – 104°F)	0°C – 40°C (32°F – 104°F)	0°C – 40°C (32°F – 104°F)	0°C – 40°C (32°F – 104°F)
Humidity:	10 – 90% non-condensing	10 – 90% non-condensing	10 – 90% non-condensing	10 – 90% non-condensing
Altitude:	Up to 3,048.0m (10,000 feet)	Up to 3,048.0m (10,000 feet)	Up to 3,048.0m (10,000 feet)	Up to 3,048.0m (10,000 feet)
Operating System:	Windows® XP PRO 32/64Bit Edition, Win2003 Server 32/64Bit	Windows® XP PRO 32/64Bit Edition, Win2003 Server 32/64Bit	Windows® XP PRO 32/64Bit Edition, Win2003 Server 32/64Bit	Windows® XP PRO 32/64Bit Edition, Win2003 Server 32/64Bit
Backup System:	Backup-Software Acronis True Image 11, multilingual	Backup-Software Acronis True Image 11, multilingual	Backup-Software Acronis True Image 11, multilingual	Backup-Software Acronis True Image 11, multilingual

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