

SOLUTIONS FOR CONTROL PERFECT VISUAL SOLUTIONS



PERFECT SOLUTIONS FOR RELIABLE SECURITY INNOVATIONS “MADE IN GERMANY”.



eyevis is one of the leading suppliers of video wall systems that are used for security, information, communication, simulation and virtual reality worldwide. Our visualisation systems are consistently geared towards the specific requirements of the most diverse fields of application. Based in the traditionally innovative south of Germany, for more than 15 years we have been designing and producing integrated solutions which incorporate not only the display hardware and the controllers for managing video walls or individual monitors but also the software. Systems by eyevis are characterised by their flexibility, their unique completeness, their high degree of customisation and the highest image quality whilst reliably supporting 24/7 operations.

Regardless of whether control rooms in power plants, traffic control centres, monitoring systems or prestigious applications are concerned – wherever perfect presentation and reliable continuous function are required, eyevis is an internationally sought-after solution provider. Along with the consistent use of the most current technologies and the best system components available on the market, our extensive experience, our technological leadership, our innovative spirit and our passion for everything we do are the factors of success that have made us special and valued by customers from all over the world.

It is our ambition to not only satisfy the high requirements placed upon reliable video wall systems but to be ahead of them and to define the currently accepted industry standards ourselves. We therefore continue to invest in research and development. The knowledge surplus resulting from this investment consistently leads to new ideas and improvements which we strive to introduce into our products and which increase the performance of our systems.

eyevis views itself as a partner and source of inspiration to its customers. Through discussion we develop solutions which are technically and economically persuasive. Our international network of subsidiaries, dealers and service partners helps us to combine the qualifications and motivation of all employees in order to perfectly conform with the requirements of our customers all over the world. Our expertise is passionately encapsulated into every single eyevis video wall system – from consultancy to development through to production and service.

WE'RE AT HOME HERE.

SOLUTIONS FOR
TRAFFIC, TRANSPORT
AND AEROSPACE



SOLUTIONS FOR
ENERGY, WATER
AND PUBLIC UTILITY COMPANIES



SOLUTIONS FOR
EMERGENCY SERVICES, SECURITY
AND ARMED FORCES



SOLUTIONS FOR
TELECOMMUNICATIONS AND
DATA PROCESSING CENTRES



SOLUTIONS FOR
INDUSTRY AND
PROCESS CONTROL



OPERATING WORLDWIDE MISSION CUSTOMERS WHO PUT THEIR TRUST IN EYEVIS TECHNOLOGY.



TRAFFIC CENTRE OF MOTORWAY A89 IN TARARE, FRANCE

By completing the A89, a critical gap in Europe's motorway network has been closed. Thanks to this East-West connection, which includes numerous tunnels and viaducts, the distance between Lyon and Bordeaux can now be covered in just over five hours.

The central element of the newly built control centre in Tarare is a video wall made up of six LED rear projection cubes, which are flanked by two LCD video walls. The system is controlled via various netPIX controllers and the eyeCON software. All sources can be displayed on the video wall in the control room and on other displays and projectors in the crisis rooms, as required.

Equipment used:

- 6x EC-60-LHD (60" DLP® rear projection cubes with LED technology and Full HD resolution)
- 11x EYE-LCD-4600-M-LE (46" Full HD video wall LCD with narrow bezels)
- 4x netPIX video wall controller (high-performance split computer for displaying video and data signals)
- 20x eS100 (eyevis eStreaming solution for distributing DVI signals over standard IP networks)
- 6x eyeCON wall management software premium



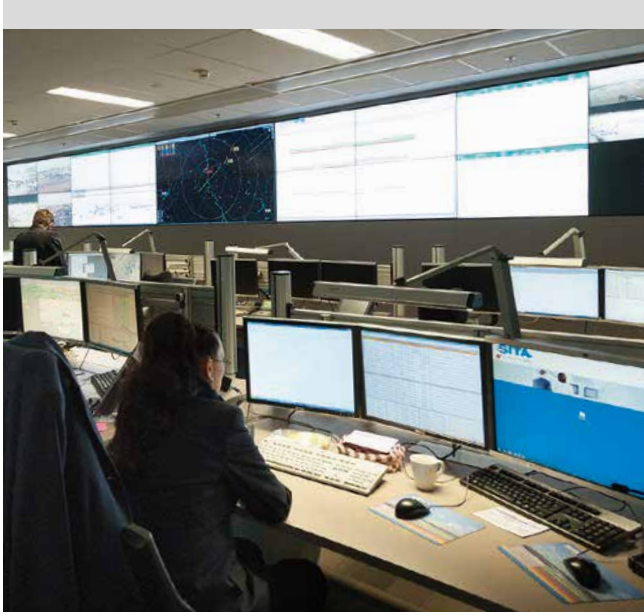
THE CONTROL ROOM OF TRANSNETBW IN WENDLINGEN, GERMANY

TransnetBW GmbH controls approximately 3,650 kilometres of high-voltage power lines in Baden-Württemberg, which are connected with regional distribution networks through 81 transformers. At the borders of this control area, the transmission grid is directly linked with other German grids as well as with France, Austria and Switzerland.

The central control tool in the control room in Wendlingen is a 8.4 x 3.15 m large video wall consisting of 18 rear projection cubes of the type EC-70-LSXT+. Thanks to their frameless design these cubes may be assembled to form nearly seamless projection screens. A netPIX controller controls the projection screen. For security reasons a second controller that runs parallel in hot stand-by mode is integrated in the system and thus guarantees the customer requirement of high availability.

Equipment used:

- 18x EC-70-LSXT+ (70" DLP® rear projection cubes with LED technology and SXGA+ resolution)
- 4x netPIX video wall controller with redundancy features (high-performance split computer for displaying video and data signals)
- 1x eyeCON wall management software premium



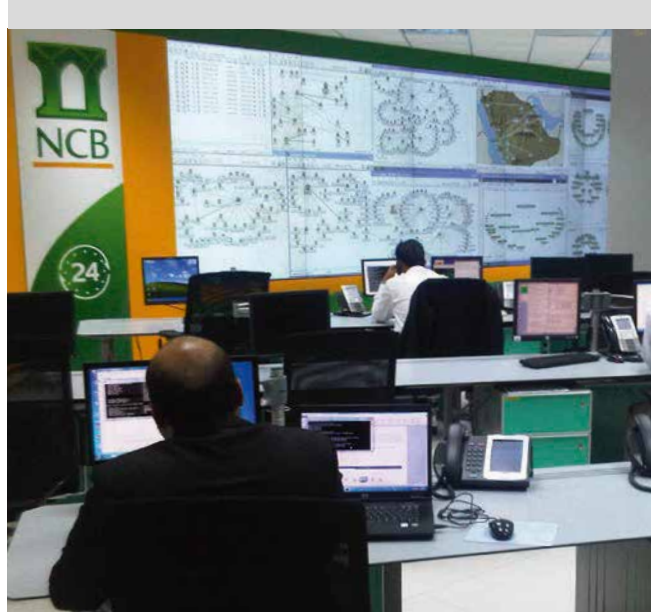
AIRPORT CONTROL CENTER DÜSSELDORF AIRPORT, GERMANY

The state-of-the-art control centre of the Düsseldorf Airport provides for the efficient and smooth collaboration of the organisations involved in air traffic operations. Approximately 15 specialists from the airport, the airlines, the Federal Police and from the handling companies work hand in hand here in one room. They are constantly in touch with Deutsche Flugsicherung (German air traffic control body) and Deutscher Wetterdienst (German meteorological service).

Key elements are a traffic control and forecast program as well as an interactive airport map that shows the current events at the airport. The systems are visualised on an eyevis video wall which is around 12 metres wide. Controlled by a netPIX controller, the ACC can additionally display the flight schedule, weather data or current camera views of the airport premises

Equipment used:

- 20x EYE-LCD-5500-M-USN-LD (55" Full HD video wall LCD with narrow bezels)
- 1x netPIX video wall controller with redundancy features (high-performance split computer for displaying video and data signals)
- 1x eyeCON wall management software basic



NETWORK OPERATIONS CENTER OF THE NATIONAL COMMERCIAL BANK IN JEDDAH, SAUDI-ARABIA

The NCB is the first bank founded in Saudi-Arabia – and to this day one of the most financially powerful credit institutions in the Middle East. To display the combined information of all monitoring systems and the central monitoring of the IT structure, the NBC employs an eyevis video wall system in their Jeddah headquarters.

The video wall consists of 18 rear projection cubes each with a screen diagonal of 67". The video wall is controlled by an eyevis netPIX controller. It provides the required inputs for the signal sources that are connected and reproduces the individual signals over a continuous image area. Furthermore, the eyeCON wall management software has been installed for the activation of video sources.

Equipment used:

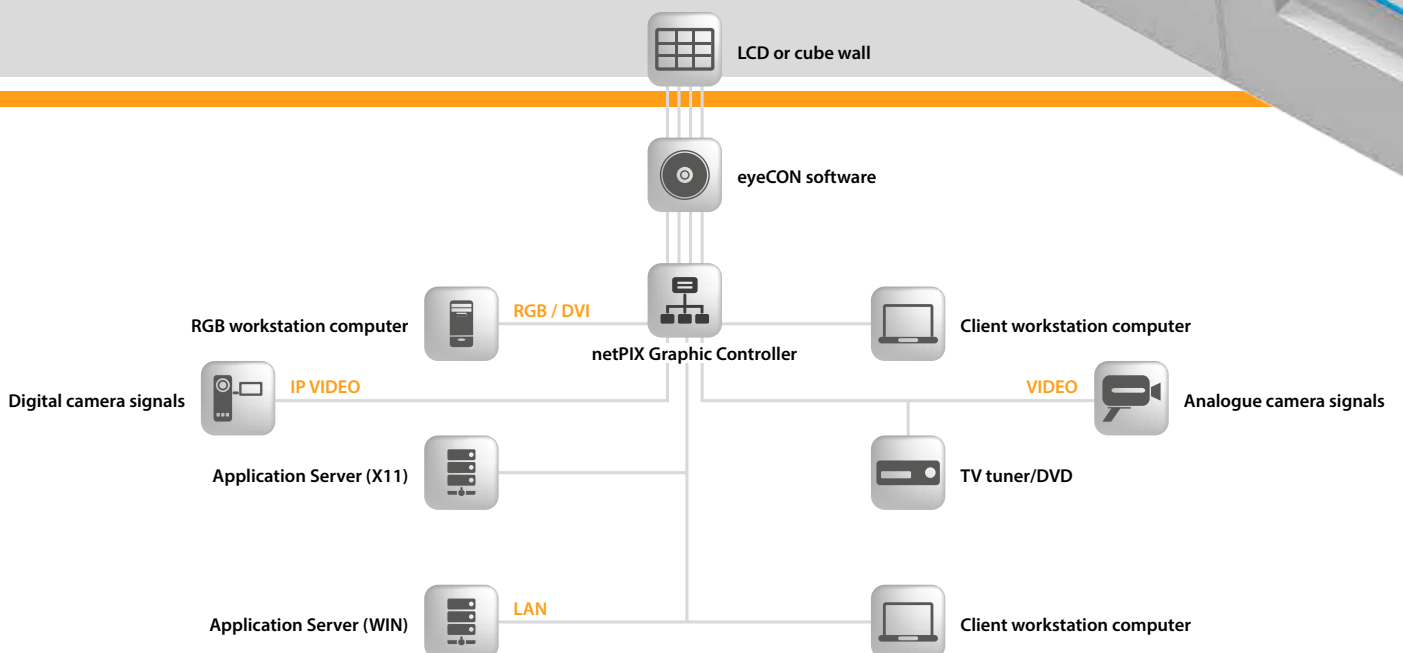
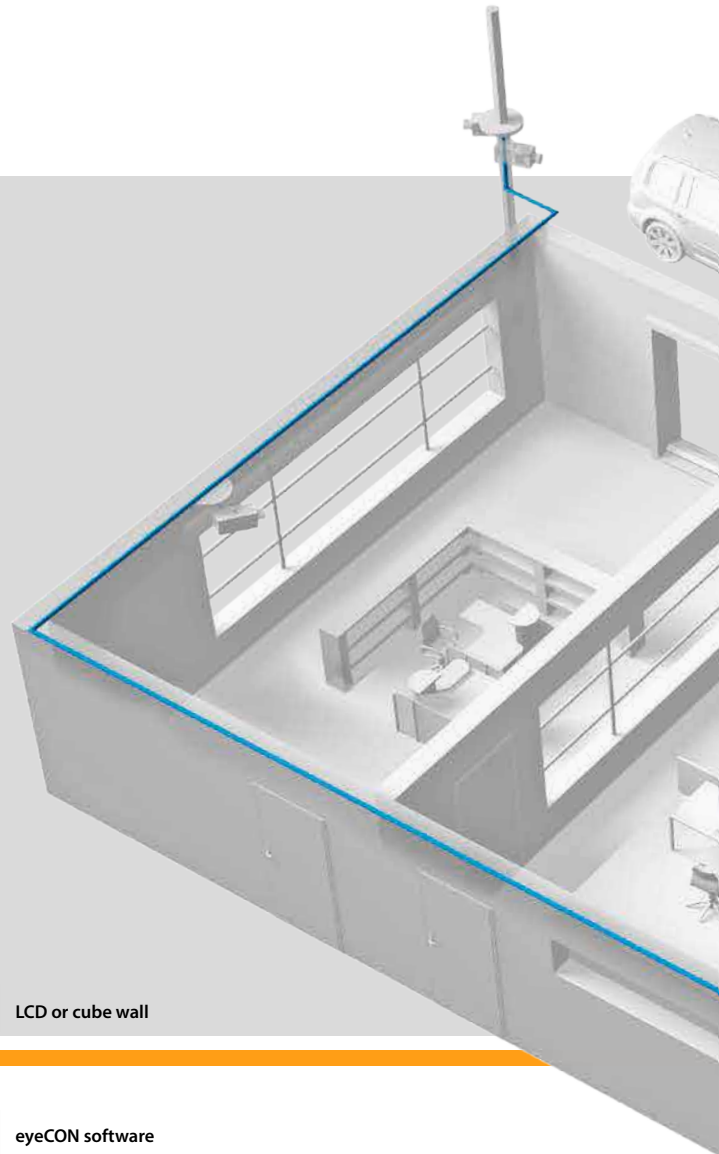
- 18x EC-67-SXT+DL (67" DLP® rear projection cubes with double lamp technology and SXGA+ resolution)
- 1x netPIX video wall controller with redundancy features (high-performance split computer for displaying video and data signals)
- 1x eyeCON wall management software
- 1x eyeCON databank server ECS-800-G1.0

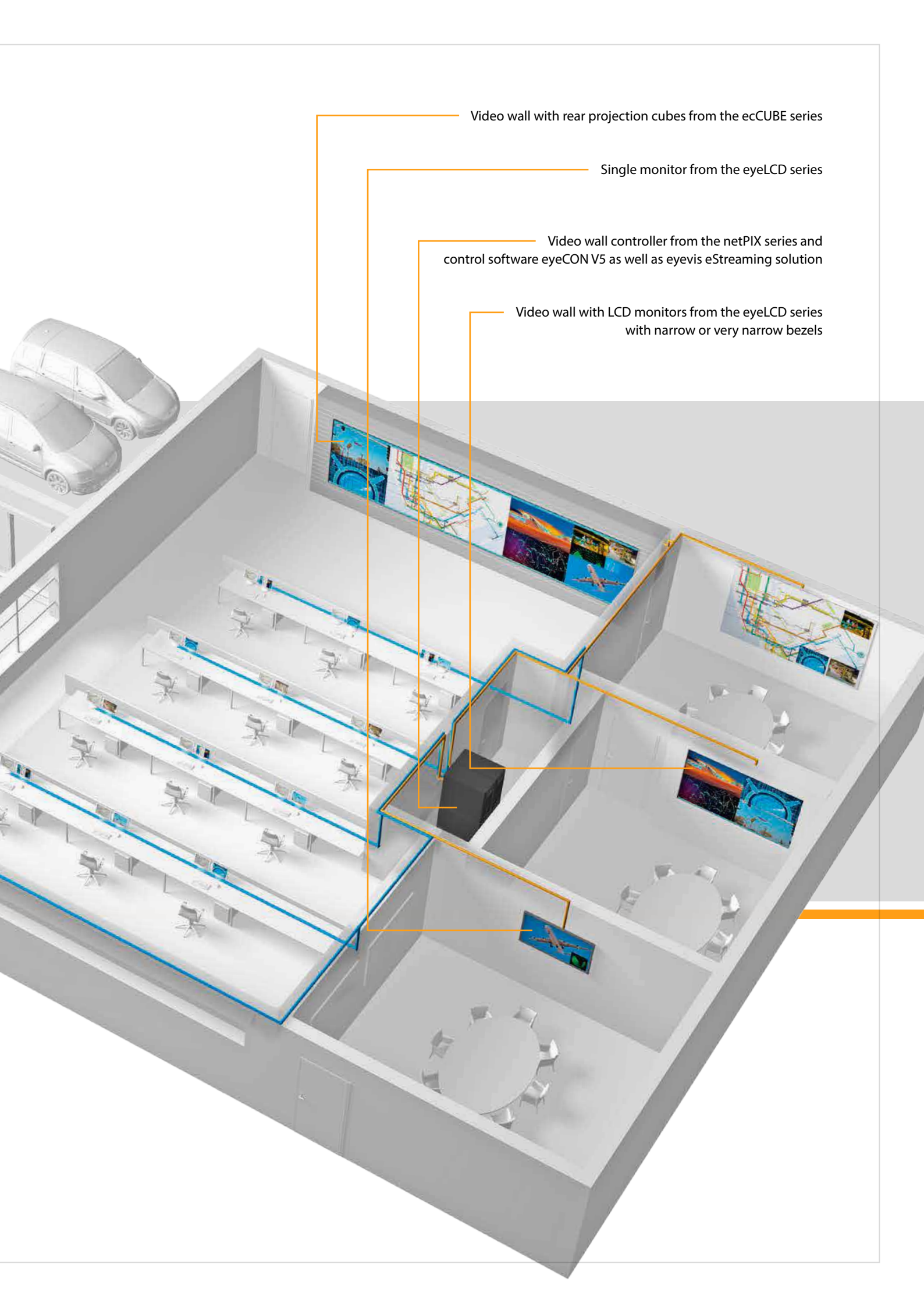
SAFETY IN THE CONTROL ROOM – ROUND THE CLOCK SOUND AND EFFICIENT.

DECISIVE ADVANTAGE THROUGH INNOVATION AND DIVERSITY

A piece of information is completely dependent on the medium which it passes. This is particularly true for visualisations in important areas such as control rooms and security centres, where a reliable display in the highest possible image quality is indispensable. After all, important and safety-relevant data are being monitored 24 hours a day, 365 days a year here and must be optimally ascertainable and continually available.

And it is precisely for this purpose that eyevis offers absolutely reliable display technology in perfect quality and at the highest level of operational security. Whether it is rear projection systems or LCD video walls – in combination with our controllers and control software, we provide exactly the solution that optimally fits to the requirements, whatever they are.





Video wall with rear projection cubes from the ecCUBE series

Single monitor from the eyeLCD series

Video wall controller from the netPIX series and control software eyeCON V5 as well as eyevis eStreaming solution

Video wall with LCD monitors from the eyeLCD series with narrow or very narrow bezels

PERFECT INTERPLAY OF STRENGTHS SYSTEM COMPONENTS FOR SECURITY AND CONTROL.



THE REAR PROJECTION CUBES FROM THE ecCUBE-SERIES

eyevis cubes, with their established DLP®-technology, are first in line in terms of professional video wall systems. They are absolutely unsusceptible to image burn-in, a permanent negative interference of the image quality caused by displaying static content.

In addition, DLP® cubes provide the only option to realise practically frameless video walls for continuous operation in control rooms and security centres. In combination with their outstanding colour and brightness properties, this makes them the perfect choice for challenging video wall system applications. The latest version of our LED cubes uses innovative Cluster LEDs as light source for the projector. These do not only provide higher brightness levels but enhanced reliability and less power consumption.

Being able to incorporate so many functions, the Cubes are ideally suited for application areas depending on particularly quick and reliable capture as well as on unambiguous displays of a wide range of situations.



THE LCD MONITORS FROM THE eyeLCD SERIES

High-end monitors from the professional LCD Series by eyevis are best suited for the areas security and control, if the perfect display of moving content is required, such as live image signals of surveillance cameras or constantly changing parameter data. They combine high resolution and outstanding display characteristics with various input options for various signal sources.

From a classic professional Full HD single monitor to Ultra HD monitors with 4K resolution to displays with very narrow bezels for building seamless video walls – the spectrum of the eyeLCD series provides the right solution for every need. They are available in many different sizes between 31.5" to 90" screen diagonals and are always in compliance with the latest technological developments. Whether as a stand-alone display or combined into larger units – eyevis LCDs convince with their quality, technical know-how and longevity.



THE CONTROLLERS OF THE netPIX SERIES

netPIX controllers of the latest eyevis generation present the ideal, individually configurable control solution for video wall systems. The controllers produce a single coherent surface over all display modules in a video wall, so that the user has a large desktop surface available on which sources and windows of all kinds may be placed and scaled freely.

eyevis netPIX controllers offer a multitude of features, which make them universally deployable. At present the series consists of three network-based graphics controllers and one IP streaming video decoder, which represent the state of the art. Our manufacturing unit uses only high-end server components, which guarantee the highest levels of performance and reliability for 24/7 operations. Redundant versions are also available to ensure fail-safe operation.



THE eSTREAMING SOLUTION

The eStreaming solution by eyevis is a professional tool for transmitting and distributing DVI signals via standard networks (TCP/IP). For this purpose the video signal is converted into data packages by an eStreamer and fed into a network. The packages can be extracted at any desired point in the network and converted back into a video signal by another eStreamer.

This solution offers important advantages compared to DVI wiring only. It can also be used in multicast mode with several senders and receivers. In addition, it facilitates installations in safety-critical areas in which an interruption of the end systems or the internal networks is not feasible nor permissible.



THE eyeCON WALL MANAGEMENT SOFTWARE V5

With its unique level of performance, the eyeCON control software by eyevis represents the fifth generation of top-end video wall system controls. eyeCON is the universal and complete software solution for operating video walls, including all connected sources as well as the distribution and exchange of information in control and presentation rooms. Its highly simplified operating concept shortens response times and offers excellent performance.

An entirely new graphic user interface and numerous innovative features, such as MetaWalls (for realising unlimited video wall systems) and MultiMouse (for simultaneous work on the video wall by several users) expand the performance of the software to an extent not previously known. A frictionless collaboration of the individual systems and components with one another is an essential benefit in the areas of security and control.

The entire configuration will be carried out in only one setup (eyeSetup) – regardless of where in the network the user is located – and can therefore be initiated from each workstation PC that has the respective system rights. Never has a video wall system been more simple and comfortable to operate – despite its complexity.

OUR PRODUCTS IN USE

) **ecCUBE**[®]
EYEVIS REAR PROJECTION LINE

) **eyeLCD**
EYEVIS LCD LINE

) **netPIX**[™]
EYEVIS CONTROLLER

) **eyeCON**[®]
EYEVIS SOFTWARE

) **eSTREAMER**
DVI OVER IP NETWORKS

WORKING WORLDWIDE
CUSTOMERS WHO TRUST IN EYEVIS TECHNOLOGY.

PERFECT VISUAL SOLUTIONS



A SMALL SELECTION OF FURTHERS CUSTOMERS WITH KNOW-HOW FROM EYEVIS

- **ADIF "Gutiérrez Soto", Control Room for High-Speed Train Connections – Zaragoza, Spain**
42x 67" DLP® cubes (EC-67-HD-DL), 2x netPIX-3844XE-HD-V16-D4-X6E,
1x eyeCON V4 Premium, 1x eyeCON Control Server ECS-900R
- **Aéroports de Paris, Airport Control Centre – Orly, France**
4x 65" DLP® LED cubes (EC-65-LSXT)
- **Aurizon Mining Ltd., Control Room for Railway Networks – Brisbane, Australia**
22x 55" LC-Displays (EYE-LCD-5500-M-USN-LD), 1x netPIX-4816-D4-IP8, 1x netPIX-4816-D4-IP32,
2x netPIX-4812-D4-IP32, 1x eyeCON V5 Premium
- **European Parliament, Security Centre – Brussels, Belgium**
18x 70" DLP® cubes (EC-70-SXT+-DL), 2x netPIX-3824XE-HD-IP112-G2.0, 2x ECS-800R-G1.0, 3x eyeCON V4 Basic
- **Korean Electric Power Corporation, IT Centre – Seoul, South Korea**
45x 50" DLP® LED cubes (EC-50-LSXT+), 3x netPIX-3820R-D12-G2.3, 3x eyeCON V4 Lite
- **NCEMA, National Emergency and Crisis Management Centre – Abu Dhabi, UAE**
24x 67" DLP® LED cubes (EC-67-LHD), 1x netPIX-4824-D32-G1.0, 1x eyeCON V4 Basic



- **OXY/Occidental de Colombia, Oil Production and Transport Control Room – Bogotá, Colombia**
6x 56" DLP® LED cubes (EC-56-LWXT), 1x netPIX-4808-D2, 1x eyeCON V4 Basic
- **Paris Fire Department, Central Control Room – Paris, France**
30x 46" LC-Displays (EYE-LCD-4600-SN-V2), 7x 42" LC-Displays (EYE-LCD-4200-HD),
7x 42" LC-Displays (EYE-LCD-4200-NB), 1x netPIX-4836R-V16-D4-IP8-G1.0
- **Sielte SPA. c/o Snam Rete Gas S.p.A., Gas Distribution Control Room – San Donato Milanese, Italy**
24x 80" DLP® LED cubes (EC-80-LSXT+), 2x netPIX 4824R, 1x eyeCON V4 Premium
- **RusGas Engineering, Gas Networks Control – Irkutsk region, Russia**
6x 70" DLP® LED cubes (EC-70-LSXT+), 1x netPIX-4808-L, 1x eyeCON V4 Basic
- **Technical Service Centre of the City of Munich, Traffic Control Centre – Munich, Germany**
51x 50" DLP® LED cubes (EC-50-LSXT+), 5x netPIX-4800R, 1x eyeCON V4 Premium
- **Vodafone Italia, Network Operations Centre – Milan, Italy**
12x 70" DLP® LED cubes (EC-70-LWXT), 6x 55" LC-Displays (EYE-LCD-5500-M-USN-LD),
4x netPIX-4800R, 2x eyeCON V4 Premium, 2x eyeCON Control Server ECS-800R



EYEVIS MAIN OFFICE

- Germany – Reutlingen

PRODUCTION LOCATION

- Germany – Reutlingen

EYEVIS OFFICES INTERNATIONAL

- Germany – Reutlingen
- France – Paris/Saint-Affrique
- Great Britain – Burnley
- Italy – Rome
- Austria – Vienna
- Poland – Kattowitz
- Russia – Moscow
- Scandinavia – Gothenburg (Sweden)
- Spain – Madrid
- South Korea – Seoul
- South-East Asia – Petaling Jaya (Malaysia)
- United Arab Emirates – Abu Dhabi

DISTRIBUTION PARTNERS

- Africa
- Australia
- China
- Europe
- Japan
- Latin America
- USA

Updated information on our projects and products with many photos as well as the possibility of communicating with other interested customers can also be found at:

- twitter.com/eyevis
- www.facebook.com/eyevis
- www.linkedin.com/companies/eyevis



Scan the QR code and visit our website to find more detailed information on all of our products and services, download brochures and data sheets, or watch the product videos.

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