CASE STUDY:

Situation Centre Ministry of the Interior Baden-Württemberg

Professional visualization supports quick decisions: the situation centre in the newly constructed building of the Ministry of the Interior in Stuttgart is the new centre to ensure the police's readiness for action at any time and to coordinate large-scale operations.

To maintain a continuous flow of information the eyevis and Jans Group engineers installed three video walls consisting of four and two times twelve 55''-displays type EYE-LCD-5500-M-USN-LD in the situation centre. Furthermore, five stand-alone monitors type EYE-LCD-5500 and 13 of the type EYE-LCD-6500 were mounted. Especially the availability and the display of the content were crucial for the users. According to situation, different analog and digital PC, image, video or TV signals are displayed.

With their full HD resolution (1920x1080 Px), the large brightness of up to 700 cd/m^2 and the strong contrast of up to 3500:1 the displays fulfill the requirements of the Ministry of the Interior. Thanks to their high-quality components like the robust metal frame and the direct LED rear projection of the LCDs with a lifespan of over 50.000 hours the displays also guarantee a low risk of failure and long maintenance intervals. Due to the minimal bezel of only 5,7mm between the active screens it is possible to display the image and video data across an area of several displays without disturbing gaps.

Secure signal distribution guarantees data availability: The distribution of incoming signals goes by several netPIX graphics controllers by eyevis and the security management system of

the Jans Group that enable an uncomplicated control of the video walls and the individual monitors. In order to be able to implement the data transfer of the numerous internal and external sources as reliable as possible and without loss of quality, the engineers of eyevis and Jans additionally installed more than 120 eStreamer that enable the transfer of the DVI data via a standard network with their streaming solution. The eyeCON wall management software that was used was implemented into the security management system of the Jans Group. That's how the incoming signals can be controlled easily when required on the video walls and the displays and can be put together to larger overall views.

⚙ INSTALLED PRODUCTS

28× EYE-LCD-5500-M-USN-LD (55" seamless LCD with full HD resolution and LED backlight)

13× EYE-LCD-6500 (65" stand-alone LCD with full HD resolution and LED backlight)

5× EYE-LCD-5500 (55" stand-alone LCD with full HD resolution and LED backlight)

124× eS100 eStreaming encoder/decoder

1× NPX-4804R-D6-IP16-G1.0 (high-end grafics controller)

2× NPX-4812R-D8-IP16-G1.0 (high-end grafics controller)

2× NPX-4812R-D14-IP16-G1.0 (high-end grafics controller)

1× ECS900R database server

1× eyeCON V4 Premium wall management software + capture module