A new large-screen display has been deployed at the Austrian Headquarters of TIWAG in Tirol. Cutting-edge visualization technology now contributes to process optimization for the hydropower company.

Eyevis, the Reutlingen manufacturer of visualization solutions and WEY, the Swiss-based, globally-active technology company have installed a large screen display and a WEY Distribution Platform (state-of-the-art KVM switching solution) in TIWAG's Dispatching Center in Innsbruck.

The Dispatching Center oversees the entire energy management of the TIWAG power plants. This includes the forecasting of inflows to the TIWAG power plants, the prognosis of customer load and an intensive monitoring of the relevant energy markets. The Dispatching Center TIWAG is staffed around the clock, seven days a week to meet the high requirements of security and stability standards.

The scope of the TIWAG project includes: two high-performance workplaces each with six screens, two hot-standby workplaces each with four screens, and an eyevis video wall solution consisting of a 3x2 stackable and seamless, ultra-thin bezel 55” Full High Definition LCD monitors, a NetPix Graphic Controller and eyeCON Wall Management software.

The professional video wall LCDs from eyevis not only fully satisfied the client’s technical requirements, but also take advantage of the units' sleek design to maximize the use of limited space in the control room. The video wall is visible from both of the main workplaces and provides an optimal overview for the operators as well as the opportunity to present high resolution pictures on several screens in superior quality.

Dipl.-Ing. Mr. Markus Watscher, Head of the Dispatching Center for TIWAG notes, “Thanks to the new visualization system from eyevis and the control options made possible by the WEY Distribution Platform in conjunction with WEY multifunctional keyboards, our dispatching center has become more user-friendly and efficient. The modern and efficient equipment creates a working environment which not only enhances productivity but is also comfortable.”

All the PCs (up to 12 sources and a satellite receiver) and the video wall controller are connected by the WEY Distribution Platform (Workplace Management System). These sources are all controlled by a single WEY Smart Touch Multifunctional keyboard on each desk, and can be displayed on any of workplace screens or the large eyevis video wall with the press of button. Content which can be displayed includes that from system cameras, pictures or online information from control systems and television channels.

David Mrnak, Sales Engineer at eyevis summed up the project as follows: “Working with our partners at WEY, we have been delighted to help upgrade a very important control center in the important area of renewable energy generation in Tirol. It is vital that control rooms like these can rely on the equipment they use. In a variety of projects, solutions from WEY and eyevis have demonstrated that we can 100% meet these client requirements.”

Alexander Höger, Sales Manager at WEY, “In a second step at TIWAG we were able to upgrade the main workplaces with our new WEY Smart Touch keyboards, further enhancing usability for the dispatchers. The collaboration with TIWAG was ideal as they were receptive to our recommendations and allowed us to realize optimal workplace solutions.”
INSTALLED PRODUCTS

12× EYE-LCD-5500-M-USN-LD (55-inch video wall LCD with LED-Backlight, Full-HD resolution and 5,7 mm super narrow bezel design)

1× NPX-4808-D8-IP32 (high-end graphic controller with IP decoder board)

1× eyeCON V5 Basic (wall management software)

About TIWAG
The Tiroler TWAG AG provides safe and environmentally sound energy supplies at competitive prices. Furthermore, TWAG creates jobs, value and industrial development in its home market, contributing to the securing of positive economic and social living conditions for the next generation. In order to continue to ensure a safe, inexpensive, and environmentally friendly power supply in Tirol, TWAG is expanding the renewable, cost-stable and CO2-free hydropower in an environmentally sound manner. The company also encourages alternative energy sources and the most efficient use of high-quality energy flow.

About WEY
WEY Technology is a leading supplier of high-tech solutions for the transmission, control, distribution and display of real-time data in Trading Floors and Control Centres. The range of services extends from Planning & Consulting, Project Management, Research & Development and Production to Installation and Customer Service & Support. The Swiss-based group has installed over 35,000 Multifunctional Keyboards at 500 customer sites and is growing steadily. WEY has 13 entities worldwide and is active in over 45 countries around the globe.

About eyevis
eyevis, the German manufacturer of large scale video systems, is one of the leading providers and integrators of visualization systems for professional applications in control rooms, virtual reality and simulation as well as broadcast and AV. eyevis has a worldwide network of subsidiaries and certified retailers. As one of only a few providers, eyevis is capable of offering entire systems from one source. The complete solutions of eyevis include display solutions, graphic controllers, software applications as well as all necessary accessories.