CASE STUDY:

ELES, d.o.o.

New diagnostic and analytical center (DAC) oversees network

ELES

Audio visual expert eyevis has provided technology to help monitor the reliable transmission of power and electricity across Slovenia.

ELES assets are backbone of country's network

The Government of the Republic of Slovenia entrusted ELES, as the national system operator, to provide reliable operation of Slovenia's transmission network and to meet the needs of consumers of electricity and power from the transmission system. ELES has an extensive range of fixed assets which represent the backbone of the Slovenian power transmission network.

As part of its business plan it decided to introduce an effective asset management strategy, including the establishment of diagnostic and analytical center at Kleče, near the country's capital Ljubljana. The center is important for the effective monitoring and diagnostics of electric power system assets, implementing life-cycle costs analytics, asset health analysis and providing adequate support for the maintenance and planning of electric power systems.

eyevis and RAP-ing provide the perfect solutions

Working with its partner RAP-ing, the advanced automation solution provider, eyevis provided six of its 70-inch screen EC-70-LWXT-1000-CP – High Brightness LED rear projection Cubes, along with Automatic Colour Tracking, a netPIX NPX-4908-D12 video wall controller and eyeCON software. The technology supports the in-depth monitor of all ELES assets across the network and helps the company to deal with problems and emergencies in a quick and effective way.

The DAC be split into two rooms in a crisis situation

All the audio visual content is switched by a DVI matrix switcher that is controlled by central Crestron automation. This is also responsible for controlling lights, shades and all power in the room. To relocate all the workstations to the server room and reduce heating, noise and ease the service of the workstations, ELES used a KVM matrix solution to deliver workstations content to each of the eight operators' table monitors.

The control center itself can be split into two rooms which can be used completely separately in crisis situations. The separation is

done automatically through the closure of a modular separation wall and the system separates into two, giving the control center special advantages and functionalities.

The complete turn-key solution was installed and integrated by the RAP-ing Team to the satisfaction of ELES and has been in operation since March 2015.

For further details please visit RAP-ing d.o.o. website www.rap-ing.si or you can call + 386 1 434 1780.

⚙ INSTALLED PRODUCTS

12× **EC-70-LWXT-CP** (LED-lit DLP® rear-projection cube with WUXGA resolution and 70-inch screen diagonal)

1× **NPX-4908-D12** (high-end graphic controller))

1× **eyeCON Basic** (wall management software)