

# Eandis, Belgium

“Everything that Barco does testifies to its expertise”

Barco lent smart advice on even the smallest details of the new control room.



Patrick Vancaeyzeele, Manager  
Control Center West at Eandis



#### Barco solutions:

- (4 x 2) OVL-715 LED-lit video wall
- Transform N solution

#### Key benefits:

- Positive past experiences
- Visualization leader
- All-in-one solution, incl. ergonomics and design

“Teams working in an ergonomically designed operations room are much happier. As a result, they work more efficiently,” says Patrick Vancaeyzeele, Manager Control Center West at Eandis, Belgium’s biggest distribution grid operator. So when the time came to install a new SCADA system and a matching visualization solution, Eandis thoroughly overhauled the regional control rooms, with a focus on ergonomics.

Barco took care of the entire project: from the ergonomics study and installation of the LED-lit video wall - including the networked video distribution - right through to the project management. “They did great. Every Barco project breathes expertise,” Philip Tempelaere, General Manager Control Centers, confirms.

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As a distribution grid operator, Eandis is responsible for ensuring that electricity and natural gas reaches homes or businesses in optimal condition. Its tasks are multiple, ranging from working on connections and repairing defects to bringing energy to the customer via the grids, in 234 cities and municipalities. Over the past few years, Eandis has invested heavily in modernizing and automating the distribution grid, to ensure it can meet tomorrow's energy demands.

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Patrick Vancaeyzeele, Manager Control Center West at Eandis

### Total Barco package

To support these developments, the organization wanted to adopt a new SCADA system and equip its control centers in Kortrijk and Merksem with a video wall. "For 15 years, we had been viewing all grid details only on small monitors, on our desks. Specific points of interest – problems, defects – were marked with pins, on a big paper map," Tempelaere said. "A large wall would allow us to monitor the network much more effectively."

A Barco advocate for many years, Eandis was glad to see that all seven SCADA suppliers that entered the bid included a Barco video wall in their offering. Eandis chose the package proposed by General Electric and happily teamed up with Barco for the visualization part.

### Setting standards in ergonomics

More than delivering the best video wall, Barco also helped redesign the control centers. With the active participation of the operators, the Barco team elaborated an advanced ergonomics study that led to a tender for the control room layout. Once all the subcontractors had been chosen, Barco experts supervised the entire makeover. Patrick Vancaeyzeele: "From the furniture through to the ideal lighting, the type of blinds and the color of the walls: they lent smart advice on even the smallest detail. The expertise they've amassed in control room projects around the world is truly reflected in everything they do."

### Couldn't be happier

The centerpiece of the new control centers is, of course, the LED-lit OverView video wall, where operators can monitor the electricity and gas distribution. Thanks to the networked visualization concept, everyone can easily distribute any type of video and data sources in real time, whether on the wall, on their operator desks or in the crisis room.

"The difference with our previous set-up is huge. The video wall is bright and our operators praise its user-friendliness and flexibility. It allows them to easily change info on the wall or look at part of the grid in greater detail, so that we can react immediately if a problem arises. We couldn't be happier with the all-in-one solution that Barco delivered," Vancaeyzeele concluded.