Client:

Kategorie: Switch room, Critical infrastructures.

# Innovative upgrade for power supply control center

JST control room concept: View into the new power supply control center. An innovative technical concept will be enhanced through optimised visualisation and ergonomic furniture.

“Electricity everywhere and at all times” – according to this guiding principle, around 160,000 so-called extraction points in and around Magdeburg are supplied with electricity. Responsible for this: Netze Magdeburg GmbH, a 100% subsidiary of Städtische Werke Magdeburg In order to remain true to this maxim at all times, the power supplier has now brought in a strong partner. With the support of Jungmann Systemtechnik GmbH, the power supply control center was extensively modernised.

A scene that can still be seen in many control centers today: A confusing number of monitors, a separate computer for each data source with various mouse-keyboard units that make life difficult for the operators, and, as the cherry on top, furniture from a time when the issue of “ergonomics” did not yet play a role. “It just didn’t fit any more, it was all too much for us,” remembers Karl-Ludwig Stephan, Head of Power System


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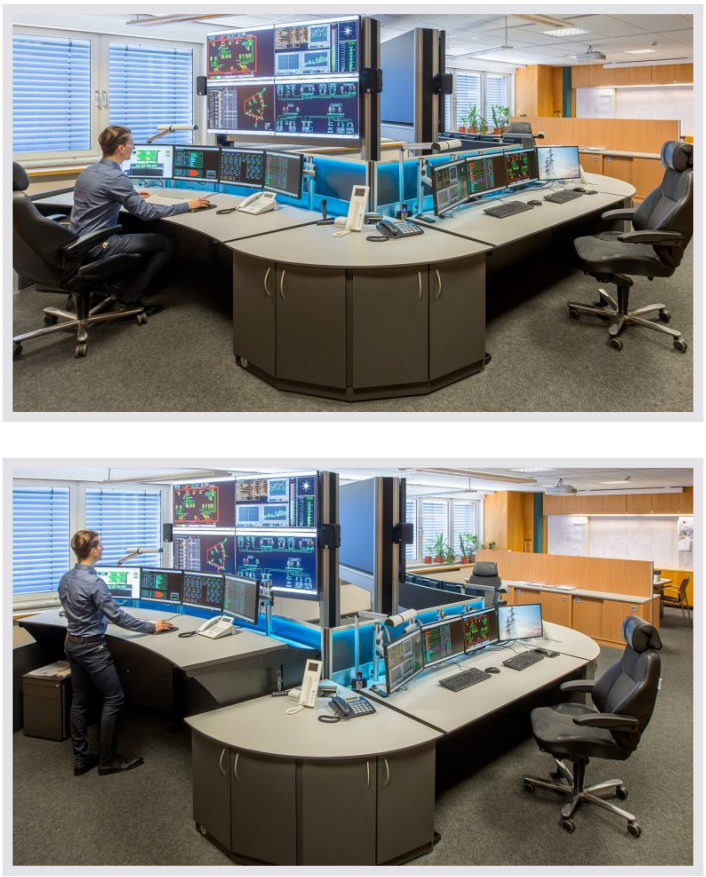
Management.

## Clear requirements for technology and ergonomics

The requirements for an upgrade of the control center of Netze Magdeburg were thus clearly defined: **Fewer screens and improved visibility**, a technical solution that offers more flexible application options and contemporary, ergonomically designed furniture. Just the right match for the control room professionals at JST.



The Stratos X11® CommandDesk: a switch between sitting and standing to relieve back strain.

## Positive employee response to new technology

It was clear from the very first discussions during a workshop day in the JST control room simulator: “The solutions that we were presented with here were able to convince both the younger and the more experienced colleagues,” according to Karl-Ludwig Stephan. The **intuitive operation** of our MultiConsoling® technology, a tool for controlling all workstations and the large-format system, along with the myGUI® graphical user interface, was quickly accepted by all employees.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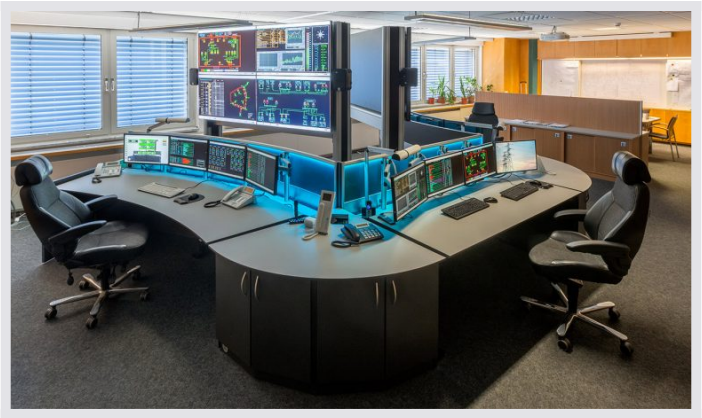
## JST solutions make the "island wish" possible

The opinion of the operator team also played a decisive role in the design of the premises. As a result, it was jointly agreed that the new power supply control center should be equipped with an “island solution.” A combination of two semicircular and one classic Operator Desk from the JST Stratos series made this special request possible.



## Maximum flexibility thanks to mobile large display walls

Two large display walls with business displays, featuring ultra-slim frames, were integrated directly into the work island, making them perfect for BigPicture display. The highlight: Each operator can assign individual sources to “their own” large-format displays. Nevertheless, the display walls are integrated into mobile DisplayRacks, which can also be combined to form a large DisplayWall as needed.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> **"That was really an excellent collaboration. Our individual wishes were met immediately. And also in retrospect I have to say that the entire system is very easy to maintain. There are no problems with the software or the technology. Really great!"**

**Karl-Ludwig Stephan**

Project Manager

**REQUEST AN OFFER WITHOUT OBLIGATION**

The components used in this project:

**DisplayWall** with special S-PVA panels for reliable 24/7 operation - optional with proactive alarm function

**MultiConsoling® System** – complete control room system for workplace, monitor wall and other systems

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**myGUI® user interface** - in the intuitive 3D design of your control room for maximum user comfort

**Stratos X11® control room desk** – optional with height adjustment and proactive AlarmLight system

Surrounding furniture

## Other projects with a similar task

### GEW Wilhelmshaven

Find out more


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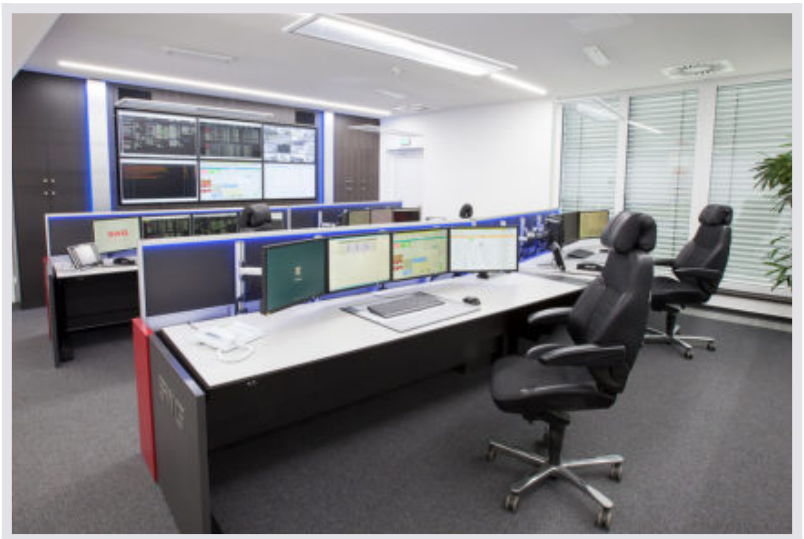
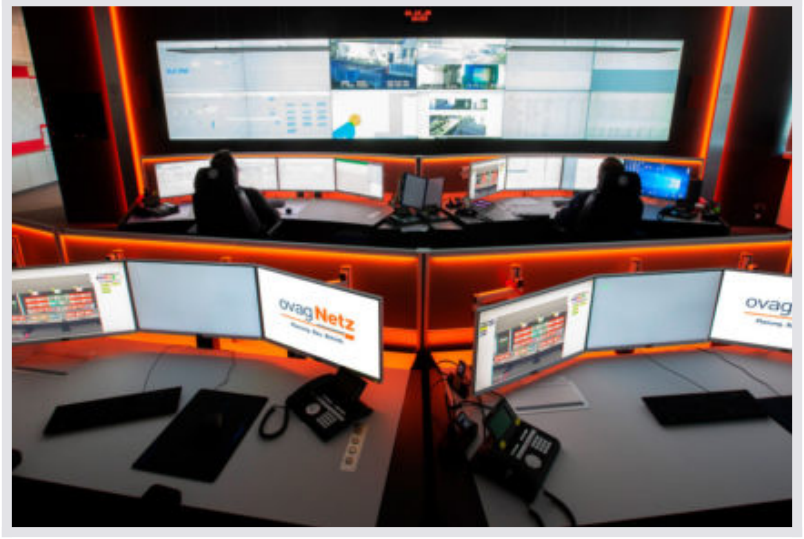


## Stadtwerke Gießen

Stadtwerke Gießen
SWG

Find out more




## ovag Netz GmbH, Bad Nauheim

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