

Client:



Kategorie: Switch room, CRITIS.

Energy supplier creates new working environment in its network control center



JST control center: Furniture, Visualisation concept, hardware and software – die Network control center of GEW Wilhelmshaven GmbH has been extensively upgraded according to the latest standards of control room technology.

“At the very beginning, all we really wanted was to have a new carpet laid,” remembers Nils Burzinski, property and building management officer at GEW. But once the view of the company’s network control center had been sharpened, it soon became clear that there was much more to do than just replace a floor covering.

"Many open projects" addressed at the same time

Cluttered columns of screens, combined with a multitude of mice and keyboards, one operator who has to slide from place to place to operate the various systems and, to top it all off, humming computers right at the workplace. Nils Burzinski: “In terms of ergonomics, there were many open construction sites.

Apropos “construction site”: The old control center was completely gutted. Together with JST, the energy supplier has developed a concept that includes ergonomic furniture as well as modern visualisation options and innovative technical architecture.

Complete solution for control room needed

“Our aim was to achieve an improved overview in the network control station and to simplify the operation of the systems. At the same time, we also wanted to create space and freedom on the work tables,” explains Frank Czieslik, head of the Networks division and thus responsible for the entire technical infrastructure. “We wanted more than just an architect to help us with the restructuring process. We were looking for someone who could offer the complete control room range”, Nils Burzinski sums it up.

Overall concept realised hand in hand

After intensive research the choice finally fell on Jungmann Systemtechnik. And during a workshop day in JST’s control room simulator it quickly became clear: hand in hand with the right partner, the desired control center can be realised in an overall concept. Christoph Michael, responsible for the operation of the GEW network control center: “The equipment in the control room simulator showed us what is possible. The entire day there was super structured. You immediately realised that you were dealing with professionals who know exactly what they are doing.

Network control center before and after modernisation

Employees support the new course

Not only the planning team of the energy supplier from Wilhelmshaven was quickly convinced by the JST solutions. The employees who were involved in the new concept from the very beginning also support the new course at the group control center. Ergonomic furniture from a German quality manufactory is complemented by state-of-the-art visualisation techniques. A DisplayWall ensures a perfect overview and, for example, makes it possible to keep an eye on large network areas in the event of a fault thanks to the BigPicture function.

Maximum data security through outsourcing

Control center manager Christoph Michael sees the options that JST MultiConsoling® offers his team as a particular advantage. For example, this technology was used to outsource the workstations to an external server room. Positive effect: maximum data security in the control center belonging to the Critical infrastructures (KRITIS). In addition, this measure significantly reduced noise and heat pollution within the network control center.

Clean-Desk-Principle was realised

Further benefits of MultiConsoling®: gone are the days of constantly changing places, of keyboard and mouse clutter. With only one mouse-keyboard combination, all desired systems of the energy supplier can be switched on any workplace display or on the large display wall.

"All our set goals" achieved

A single click is also required for many other individually selected scenarios. The CommandButton, which is directly integrated into the OperatorDesks interface, makes it possible. For example, access to the control center can be controlled at the touch of a button. Cameras are activated and alarms are acknowledged. "Our colleagues confirm that everything works perfectly", says Frank Czieslik. His summary after the first few months of operation of the new network control center: "With what we have created here, we have been able to achieve all the goals we set ourselves. The cooperation with JST was a well-rounded affair from the first moment to the commissioning".



"The feeling of working with professionals at JST runs like a red thread through the entire project handling - from the determination of requirements on the customer side to the actual implementation".

Christoph Michael

responsible for the operation of the network control center of
GEW Wilhelmshaven GmbH

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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



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

ControlRoom Automation – safe and fast processing of alarms

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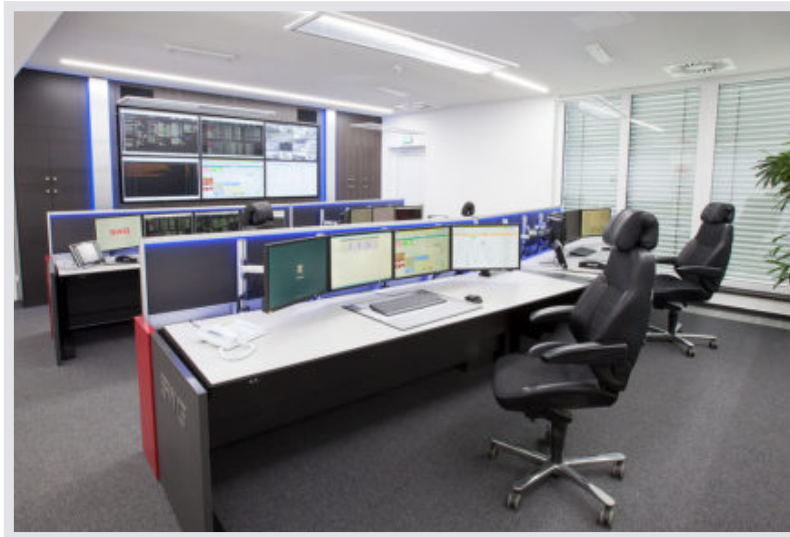
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