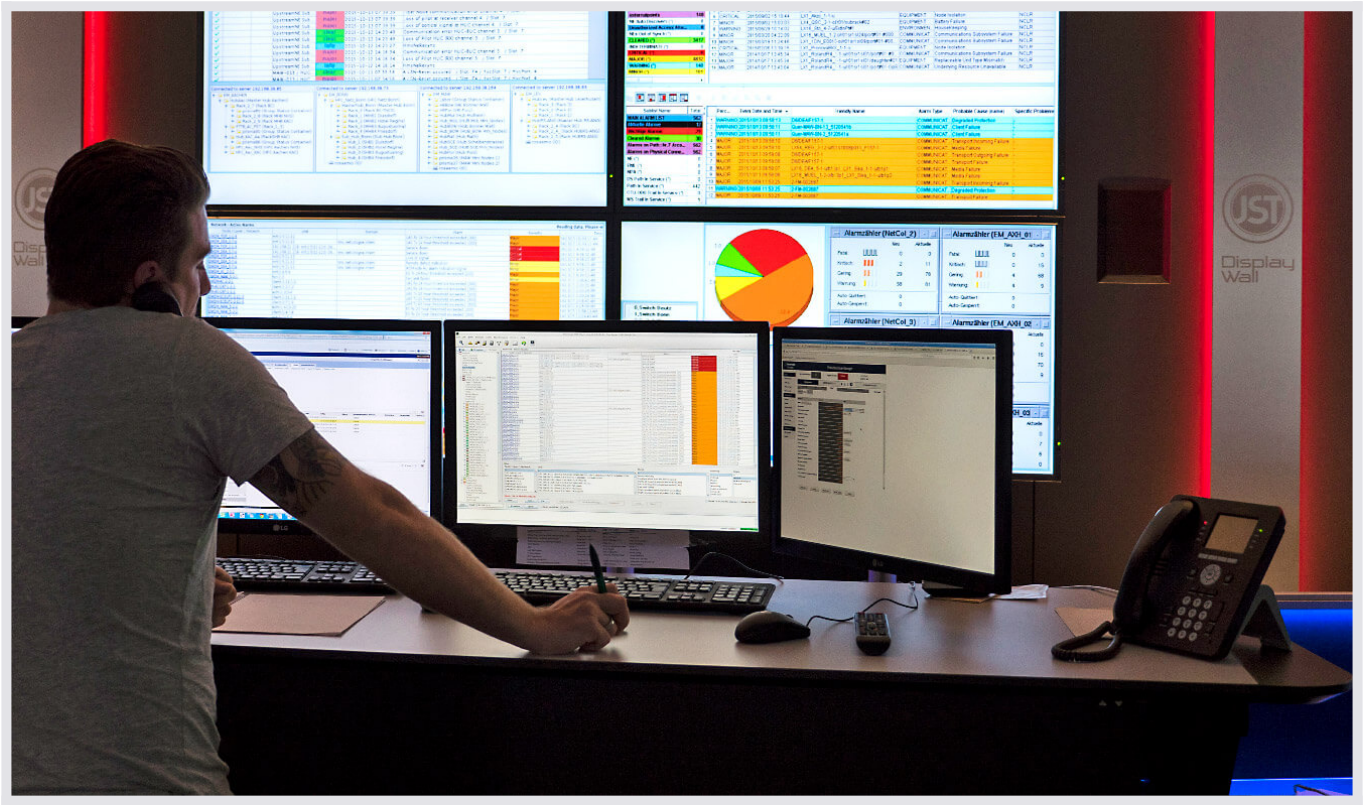
Client:

Kategorie: IT control station, Critical infrastructures.

Perfect concept for Network Management Center realized



JST Control center concept: In the new Network Management Center of the telecommunications provider NetCologne, the service teams benefit from the extensive wealth of experience of the JST specialists. Workstations that meet the latest technical andergonomic requirements, as well as a carefully thought-out room concept and proactive visualization of the various systems characterize the control room.

An excavator shovel that destroys fiber optic cables or striking air conditioning technology – whenever things get dicey, the employees at NetCologne's Network Management Center (NMC) are called upon. This is where all the strings come together. In the Cologne headquarters of the telecommunications service provider, a modern control center with technology and furniture from JST – Jungmann Systemtechnik® has now been put into operation.

Outdated consoles, a lack of large screens and an inadequate ergonomic concept – all these aspects prompted the group leaders at the NMC to push ahead with a restructuring of the Network Management Center. The project managers Oliver Moskopp, Ingo Meier and Michael Münch set out to find suitable

© 2019 JST Jungmann Systemtechnik. Alle Rechte vorbehalten. https://www.jungmann.de/

providers and put various concepts to the test.

Convinces after visiting the control room simulator

A visit to the control room simulator, the unique control room simulator from Jungmann Systemtechnik in Europe, then made the decision per JST easy: “We were all three enthusiastic, and the area manager and the head of department were also convinced by the possibilities,” recalls Michael Münch. “In the end, it was the overall package that tipped the scales: the friendly cooperation, the high-quality products and the professionalism of the JST team”.

JST Control center: Guide to the new Cologne Network Management Center of NetCologne.

“The furniture just looks good"

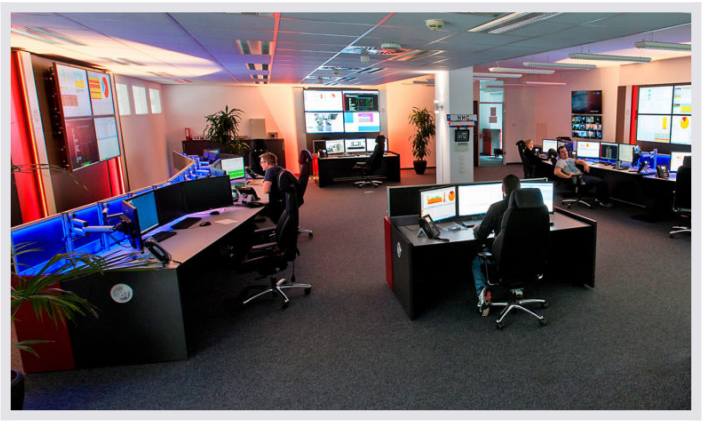
For Ingo Meier and his comrades-in-arms, this positive overall impression also includes the appearance of Jungmann products: “The furniture simply looks good,” says the expert, who critically examined the various offers on the market. Furthermore, he also mentions the ergonomic advantages in this context – for example, the stand-up height adjustment of the Stratos Operator Desk: “Our employees like it and use it a lot”.

© 2019 JST Jungmann Systemtechnik. Alle Rechte vorbehalten. https://www.jungmann.de/

JST Furniture: Ergonomic furniture is one of the core competences of JST – Jungmann Systemtechniks® – here for example back-friendly desks. The height adjustment of the Stratos X11® OperatorDesk up to standing height allows an alternating posture and avoids damage to health.

Large screens and alarm software support the teams

A total of 17 workstations were set up by Jungmann Systemtechnik in the NetCologne Network Management Center. Three proactive large screens also support the work of the various teams: The PixelDetection® alarm software works in the background for the operators and when things get critical, a red alarm signal is emitted here via the installed AmbientLight. This allows employees to react before a situation escalates.



JST Alarm software: Via the AmbientLight, the PixelDetection® alarm software enables the operator team to react quickly to critical alarms, which are shown here in red.

Different applications in just one dashboard

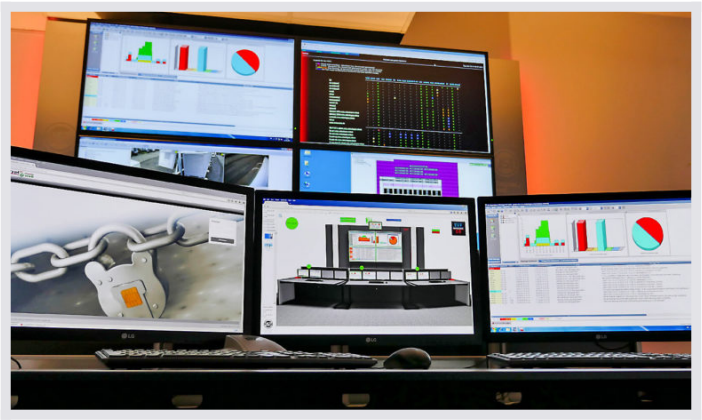
Work at the NMC, whose employees are confronted with a large number of different applications, is made easier by another good idea from Jungmann: With the software JST CockpitView® different applications can be summarized in only one easily understandable view. Oliver Moskopp explains the implementation in the control center: “We cut out the most important information from various tools and then display it as a dashboard on the large screen wall.

More peace and a more pleasant climate

Another positive aspect of the new room concept, which JST has developed in cooperation with the NetCologne project managers Thanks to the use of the JST-MultiConsolings®, a technology that enables computer signals with keyboard, video, mouse, audio signals, cameras and even television sets to be flexibly displayed in real time on the monitors at the workstations or on the large screen walls, all computers could be relocated to a technical room. The service teams now benefit from more peace and a

© 2019 JST Jungmann Systemtechnik. Alle Rechte vorbehalten. https://www.jungmann.de/

more pleasant climate at work.
“The background noise is much more pleasant”, says Michael Münch.



JST MultiConsoling®: The myGUI – shown here on the middle screen – serves as the user interface for the MultiConsoling®. Advantage of this technology: Computer signals with keyboard, video, mouse, audio signals, cameras and even TVs are flexibly displayed in real time on the monitors at the workplace or on the large screen walls.

Developing a perfect concept together

Looking back on the first few months that the new Network Management Center has been in operation, the project managers take initial stock: “Everything is going well – together with JST we have developed a perfect concept. Our initial impression of working with a professional partner here has been confirmed one hundred percent”.

More about NetCologne

NetCologne GmbH is a regional provider for modern telecommunication services. It has been providing people in Cologne and the surrounding regions with fast connections for 20 years. Our own fiber optic network, which is one of the most modern in Europe with more than 23,000 kilometers of cable laid and is being continuously expanded, ensures high performance.

NetCologne offers the entire range of modern communication technology: telephony, mobile communications, domain and data services for private and business customers as well as cable TV for the housing industry. NetCologne currently has almost 900 employees and is active in more than 20 expansion projects.

© 2019 JST Jungmann Systemtechnik. Alle Rechte vorbehalten. https://www.jungmann.de/

"Thumbs up" for the overall concept developed together with JST and its implementation.

Michael Münch / Ingo Meier / Oliver Moskopp (from left to right)

Deputy Group Manager Network Management Transmission (NMT) / Group Manager Network Management Service / Group Manager NMT

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

https://www.jungmann.de/

© 2019 JST Jungmann Systemtechnik. Alle Rechte vorbehalten. https://www.jungmann.de/

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

PixelDetection® – proactive alarm software to shorten response times

JST CockpitView® – dashboard function to compile the most important systems on one monitor

Planning / 3D Planning

Other projects with a similar task

https://www.jungmann.de/

© 2019 JST Jungmann Systemtechnik. Alle Rechte vorbehalten. https://www.jungmann.de/

The Squaire, Frankfurt

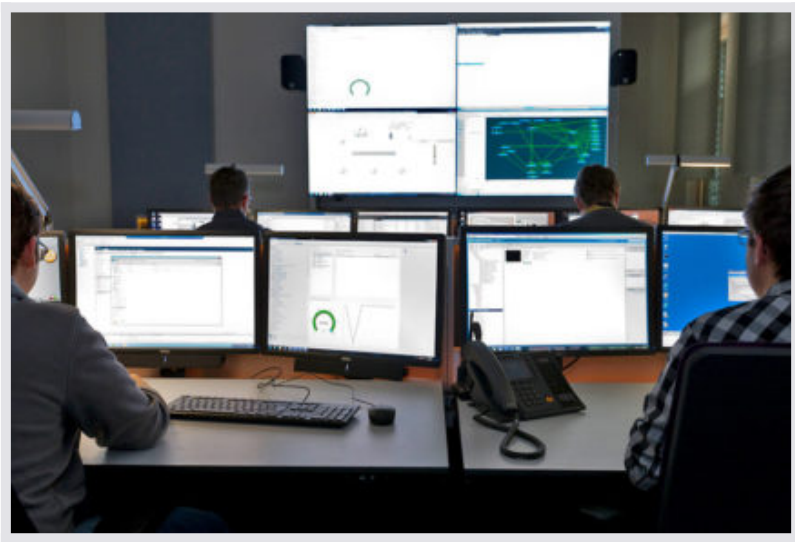
THE SQUAIRE
DISCOVER NEW WORK CITY

Find out more

Police Hamburg

Polizeipräsidium Hamburg

Find out more



© 2019 JST Jungmann Systemtechnik. Alle Rechte vorbehalten. https://www.jungmann.de/

City of Frankfurt am Main

Find out more

© 2019 JST Jungmann Systemtechnik. Alle Rechte vorbehalten. https://www.jungmann.de/