

Client:



Kategorie: Production control center.

## Taking the step into the future together



JST monitoring: Only three screens per workstation and the large display wall ensure an overview of all processes

Trend-setting visualisation techniques, progressive software and a special focus on workplace ergonomics – at the headquarters of Phoenix Contact, innovative technology has set the course for the future. In cooperation with the specialists from JST, a modern control center has been created in Blomberg, North Rhine-Westphalia, which makes it possible to monitor all processes of the building services engineering of the plant.

“Everything was right from the beginning to the end of our cooperation with Jungmann,” Matthias Unruhe sums up. The project manager of the technical building services planning department became aware of JST via Internet. “The very first meeting was promising,” recalls Matthias Unruhe, “our ideas were quickly taken up and implemented.”

From 3-D planning, to installation and commissioning, a completely new control center was implemented at Phoenix Contact within only four months. Project Manager Unruhe summarises the advantages of the new technology: The computer relocation has made the control center considerably quieter. In addition, the reduction to only three screens per workstation plus a large display wall enables clear structures and a high degree of clarity. Thanks to the PixelDetection<sup>®</sup> software, error messages are also visualised at maximum speed. "Errors can be quickly located and eliminated this way," says Unruhe.

For the employees of the control center, which is manned around the clock, there is another important aspect that has been introduced with the new building: special, height-adjustable Operator desks bring the aspect of workplace ergonomics to the fore and are particularly appreciated by the team.

Matthias Unruhe concludes: "The cooperation with Jungmann went smoothly and professionally. Thanks to the new technology, our control center is flexible and equipped for the future".

## **Facts about Phoenix Contact**

Phoenix Contact GmbH & Co. KG is a German company in the field of electrical engineering. The headquarters of the multinational company is located in Blomberg, North Rhine-Westphalia. In Germany, seven companies belong to the Phoenix Contact Group. In addition to the German plants, the production network also includes seven company-owned production facilities abroad.

Almost 13,000 employees work for Phoenix Contact worldwide. The turnover in 2012 was 1.59 billion euros.



**"Thanks to this new technology, our control room is flexible and equipped for the future."**

**Matthias Unruhe**  
Project Manager

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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



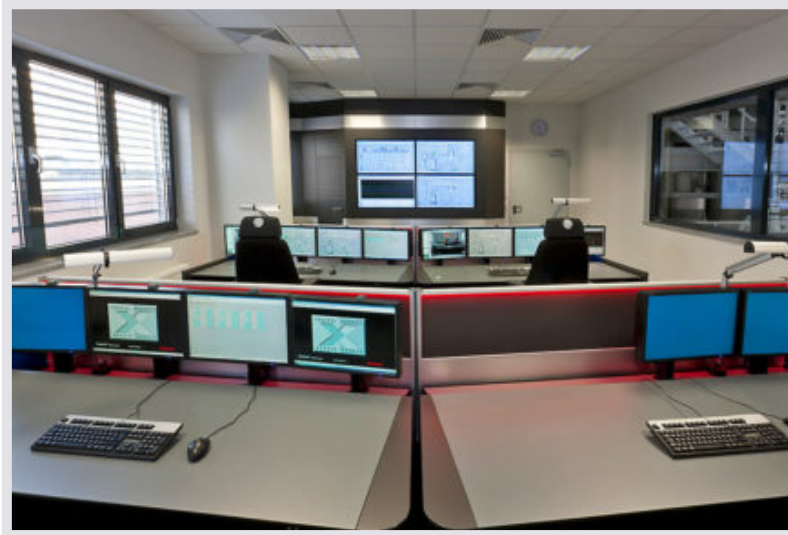
**Stratos X11® control room desk** – optional with height adjustment and proactive AlarmLight system



**PixelDetection®** – proactive alarm software to shorten response times

3D planning  
Surrounding furniture  
Computer relocation

**Other projects with a similar task**



**SGL Carbon Group, Bonn**



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**Spenner Zement, Erwitte**



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## PROBAT Werke, Emmerich



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