

Client:



Kategorie: Security center.

Bundling of all monitoring tasks in the new OperationCenter



JST control room: With an event-controlled large display wall and sophisticated technology from JST, the operator team in the new OperationCenter put into operation by SAG has the service around the energy infrastructure of Nürnberg Messe safely under control.

Monitor a huge site of around 330,000 square metres at the touch of a button? Thanks to trend-setting technology from JST – Jungmann Systemtechnik[®] no problem for those responsible at NürnbergMesse. With the new OperationCenter, employees control all aspects of the energy infrastructure from a central point.

Almost 100 cameras, the complete fire protection technology, but also malfunction messages of the building services like air conditioning and ventilation have to be monitored on the fairground, which was opened in 1974.

"Too complicated, too confusing"

So far, this extensive task has been divided into three separate areas. "Too complicated, too confusing," was the consensus of those responsible regarding this fragmentation. A central control center, which is manned around the clock, can react more quickly in alarm situations and bundles all tasks, was desired.



JST control room: All information in the right place at the right time: The tables were provided by the customer. With the JST large display wall and the JST-MultiConsoling® control technology, the monitors at the workplace have been reduced to a minimum, which has created the necessary overview to be able to react more quickly in a team and to eliminate interference.

Intuitive software for monitoring desired

For this purpose, the management of NürnbergMesse in cooperation with its service partner, SAG GmbH, turned to the specialists from JST after extensive research. "We wanted a software that is easy to handle, guarantees simple operability and to which we ourselves have access," says SAG Project Manager Heiko Reitmaier. His claim: "We needed a software that we could modify ourselves according to our individual requirements – without complicated pitfalls."



JST MultiConsoling®: myGUI – shown here on the right screen – serves as user interface for the MultiConsoling®. Advantage of this technology: Computer signals with keyboard, video, mouse, audio signals and cameras are flexibly displayed on the monitors at the workplace or on the

large screen wall.

Solution: MultiConsoling® and proactive large display wall

With the well-proven JST-MultiConsoling® in combination with a proactive and event-controlled large display wall, Jungmann Systemtechnik was able to fully meet these requirements.

Alarm software keeps the team informed

The alarm software PixelDetection® keeps the ten-strong operator team in the NürnbergMesse building up to date around the clock. In the event of an alarm, for example, the software automatically switches the fault to the large display wall, so that it is clearly visible to everyone and appropriate measures can be taken.



JST QuickOut mounting system: The large screen displays are mounted directly on the wall in a way that saves space. By applying light pressure to the outer edges of the display, each individual display slides forward (Quick-Out) to provide access to rear connections and technical components in case of revision.

"Working together was a perfect fit."

For Heiko Reitmaier and the Project Manager of NürnbergMesse Wolfgang Hartmann, one thing is certain: "The cooperation with JST was a perfect fit right from the start." Especially the individual programming possibilities of the software completely convinced the two experts. "We have received optimal technical support," says Heiko Reitmaier.

More on SAG GmbH

The SAG Group is the leading partner for the energy technology infrastructure of utility and industrial companies. SAG offers manufacturer-independent services and systems for energy generation as well as transmission and distribution in electricity, gas and water networks. About 8,000 employees generate a

turnover of over one billion euros. SAG, headquartered in Langen, has over 100 locations throughout Germany and subsidiaries in France, Poland, Hungary, the Czech Republic and Slovakia.

In the specialist area "event technology", SAG GmbH has established itself as a service provider for trade fairs, congresses, concerts and other events.

As a service partner of NürnbergMesse, it provides energy infrastructures for exhibitors and organisers. The offer ranges from electrical and compressed air supply, equipment with suspensions and lighting systems to vehicle rentals.

More on NürnbergMesse

NürnbergMesse is one of the 15 largest exhibition companies in the world. The portfolio comprises some 120 national and international trade fairs and congresses and around 40 subsidised joint company stands in Nuremberg and worldwide.

Some 30,000 exhibitors (international share 41 %) and up to 1.4 million visitors (international share of trade visitors 24 %) participate in the in-house, partner and guest events of the NürnbergMesse Group, which is present with subsidiaries in China, North America, Brazil, Italy and India. The NürnbergMesse Group also has a network of some 50 agencies operating in over 100 countries.



"The use of JST products makes the team's work much easier!"

Wolfgang Hartmann (on the left) / Heiko Reitmaier (on the right)

Project Manager / 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

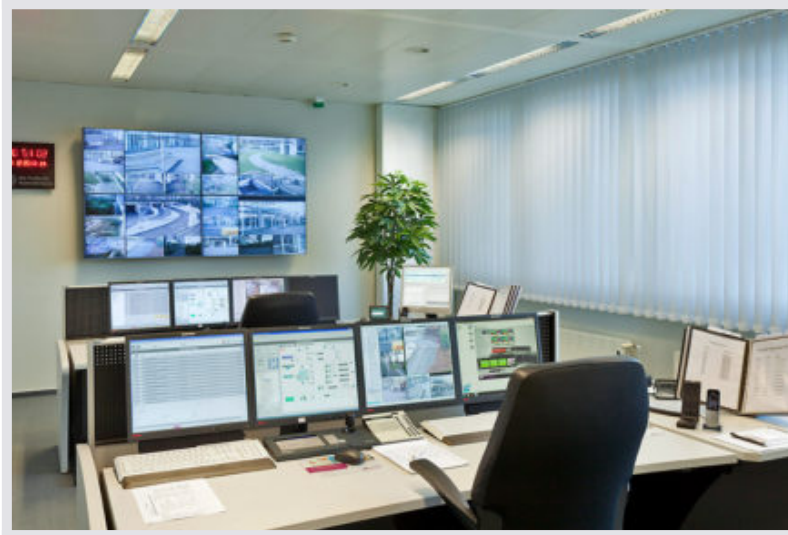


PixelDetection[®] – proactive alarm software to shorten response times



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

Other projects with a similar task



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