

Client:



Kategorie: Production control center.

## Automobile manufacturer commissions the implementation of a state-of-the-art production control room from JST



© AUDI AG | JST control room workstation: A total of 35 operator workstations, designed on the basis of current occupational health recommendations for work in control rooms, were installed by JST in the Audi production control room in San José Chiapa, Mexico. Ergonomic aspects played just as much a role as a special demand for high availability technical solutions.

More than 150 displays, seven large display walls, 35 ergonomically designed workstations and high availability technical equipment are available to the control room team in the Mexican production control room – supplied and installed by the Jungmann experts. The Audi employees practically have a bird's eye view to monitor the various steps in the production process of the Q5 premium SUV. But it is not only the dimensions that make the new control center so extraordinary.

### Detecting the smallest deviations early on

Jochen Fichtner, Head of IT at Audi Mexico, explains the remarkable innovation that the German carmaker

has implemented at the Central American site: “For the first time, this central control center combines five control rooms that are often physically separated at other Audi sites. “By merging individual interfaces, the various control centers can communicate efficiently and directly with each other. This enables us to detect the smallest deviations at an early stage and to react in time.”

## **Proactive alarm management with PixelDetection<sup>®</sup>**

In order to be able to act proactively as desired, the operators are supported by the JST software PixelDetection<sup>®</sup>. In combination with the MultiConsoling<sup>®</sup> operating concept, the reliable alarm medium monitors the processes and displays in the background. If there are any deviations from the previously defined parameters, the employees at the automobile manufacturer’s control room will be alerted clearly via the installed AlarmLight. You can act proactively before any disruption occurs. The warnings can be given both acoustically and visually, for example by colour changes or pulsating colours.

## **Remote access live from Ingolstadt possible**

The JST experts were also able to meet another requirement of the vehicle manufacturer: Digitisation and networking of the various global Audi plants are to be accelerated. With JST technology, it is therefore possible for the Audi control room in Ingolstadt, Germany, to connect remotely to the production control room in San José Chiapa in order to provide technical support.

## **Production control room with benchmark character**

Head of IT Jochen Fichtner is convinced. “This control room, which monitors and controls logistics processes, IT infrastructure, production system, body shop, paint shop and final assembly from one location, has benchmark character.”

## **Impressive facts about a unique control center**

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New production control room for the automobile manufacturer Audi in Mexico



"By merging individual interfaces, the various control centers can communicate efficiently and directly with each other. This enables us to detect the smallest deviations at an early stage and to react in time."

**Jochen Fichtner**

Head of IT at Audi Mexico

Photo: © AUDI AG

**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



**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

**Surrounding furniture** – tailor-made solutions “Made in Germany”

### Other projects with a similar task



## Volkswagen FIS control room, Wolfsburg

# Volkswagen

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## Spenner Zement, Erwitte

# spenner zement

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## **Audi, Ingolstadt**

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