![JST JUNGMANN Systemtechnik logo]

With video walls and video walls in the control room, JST Jungmann brings your surveillance to the point

It's big cinema!

JST Jungmann **Video wall and screen** are the big players in every control room.

The special thing: Each Video Wall is event driven.

This means for you that **every computer and every camera can be switched on automatically without the operator's intervention** in order to be operated immediately in real time.

Here the experienced operator at the JST system speaks of "TeamView".

Because what's great is that the **entire team immediately has the same level of knowledge** about the most important alarms.

Thanks to the video wall and video screen in the control room, the team never misses important events again and the operator can calmly devote himself to other things in the meantime.

OFFER VIDEO WALL & VIDEO SCREEN IN CONTROL ROOM

- Perfect: Display, illumination and resolution for every detail
- JST offers **everything from one source**: architecture, technology, light, acoustics, climate
- Quality: Matching <u>control room furniture</u> from Germany

- Durable: **Video wall & Video screen** for 24/7 operation
- Faster: critical alarms are visible **just in time**
- Pleasant: <u>MultiConsoling</u>® is your **Realtime control center**

Practical examples: Video wall & Videoscreen in the control room

Jungmann Systemtechnik is the **much sought-after expert** when it comes to implementing modern **video walls and video screens in a control center**.
In our planning, we naturally always have all the components that are involved in mind.
We think about **ergonomics, viewing angle, lighting and hardware**.
Further topics such as **software, infrastructure** and the **adaption of existing systems and networks** are also taken into account in the joint project planning.
The result is always the same: a **perfect control center for your company**.
As you can see in our examples, the **video wall or video display** always serves as the central point to which all other elements are aligned.

We will be happy to put you in touch with the respective contact person.

High-availability system control room for controlling the Bessy II electron storage ring at HZB in Berlin-Adlershof

A control room that not only meets the highest technical and ergonomic requirements, but is increasingly becoming a showpiece: At the Helmholtz-Zentrum Berlin (HZB), an outdated, historically grown control room was replaced by a completely new installation from JST – Jungmann Systemtechnik.
"For us, a completely new operating quality has been created here", comments Ingo Müller, Control System Engineer, on the demanding result.

TO THE PROJECT

They did not only play a decisive role in the planning of the project, but also participated in its practical implementation:

Ingo Müller (links) / Matthias Diehn

Most modern control room for PCK refinery

PCK Raffinerie GmbH in Schwedt/Oder is one of the top companies in Brandenburg and the most important company in the Uckermark.

Around 12 million tonnes of crude oil are processed into petroleum and petrochemical products in Schwedt every year.

The main products are diesel, petrol, kerosene, liquid gas, heating oils and bitumen.

PCK was one of the first refineries in Germany to use biofuels and is itself a major producer of high-quality biofuel components.

TO THE PROJECT

"Compared to the satellite control rooms and also to the old central control room, we have achieved improvements in all aspects, be it acoustics, lighting, air conditioning, ergonomics or user-friendliness," says

Eric Sieger, Thomas Taube, Carsten Jungmann (from left to right)

Chief Engineer Processing (PCK) / Maintenance Service and Project Coordinator (PCK) / Managing Director (JST)

State-of-the-art control room with perfect alarm management

250 elevators, 240 escalators, 2,000 ventilation systems – the technical control room at Munich Airport monitors around 300 buildings with almost 28,000 rooms.
Thanks to a complete re-equipment with technical equipment and furniture from JST – Jungmann Systemtechnik, the operators of the control room technology can now handle this extensive activity considerably more professionally.

TO THE PROJECT

"This used to be just an office; today we can actually speak of a state-of-the-art control room."

Karl Rubsch

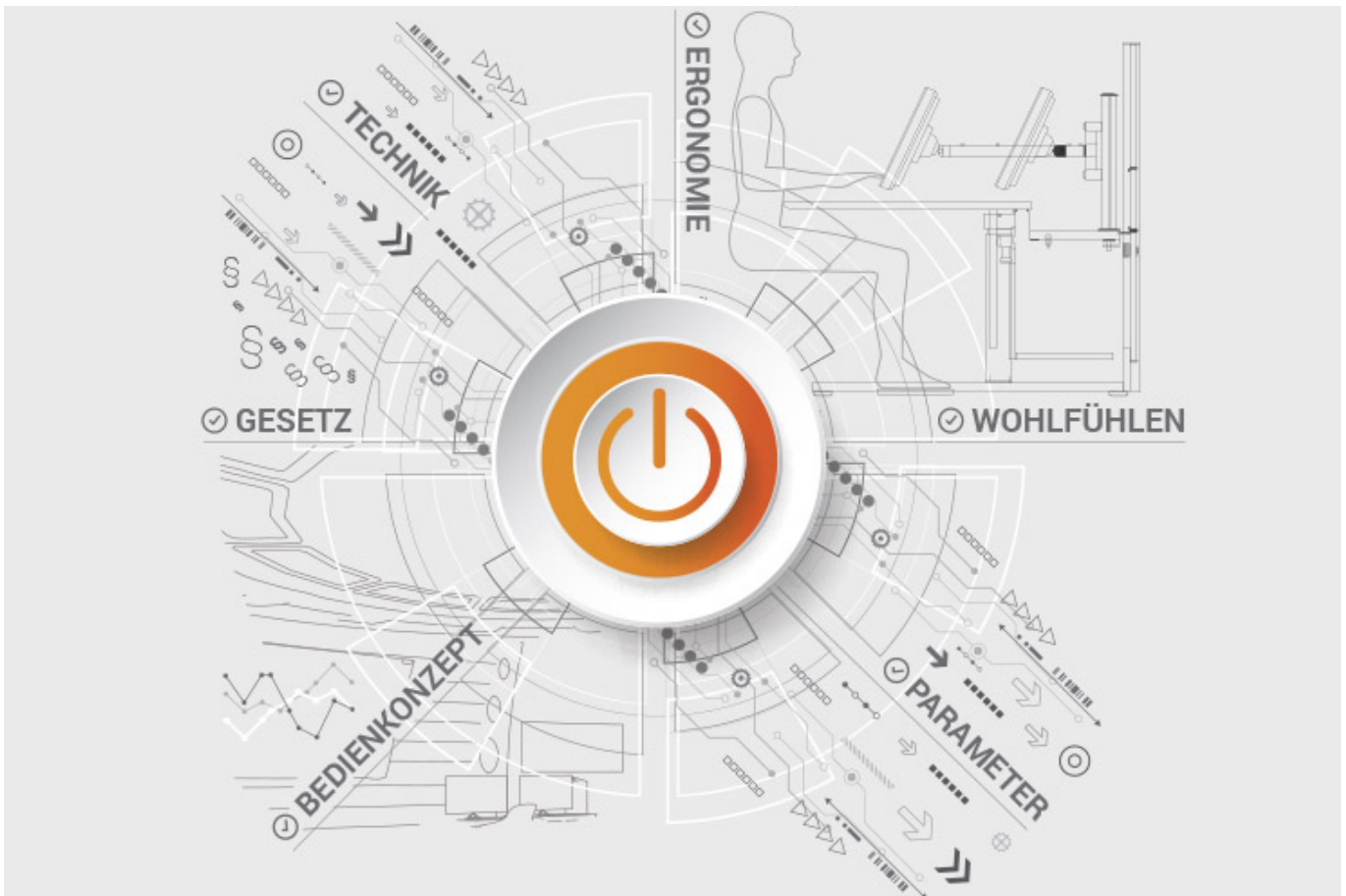Responsible for the technical control room at Munich Airport

Documents to download
- Project report on the new central control room of Infraleuna (PDF)

JST product overview: Think of everything!

Videowall & Videoscreen in the control room with the following components

Analysis and planning of your control room

Are you planning changes in your control room?

Or would you like to bring a breath of fresh air into your control room?

Then use the proven planning packages or the free of charge online analysis from JST.

Our experts support you according to BAUA: Study and all important standards and guidelines.

More about free analysis

Large screen technology – react faster!

Proactively present important information to the right people before an incident can have a major impact. With scalable large screen walls based on LC displays and cube technology, we will also find the right large screen system for 24/7 operation for you!
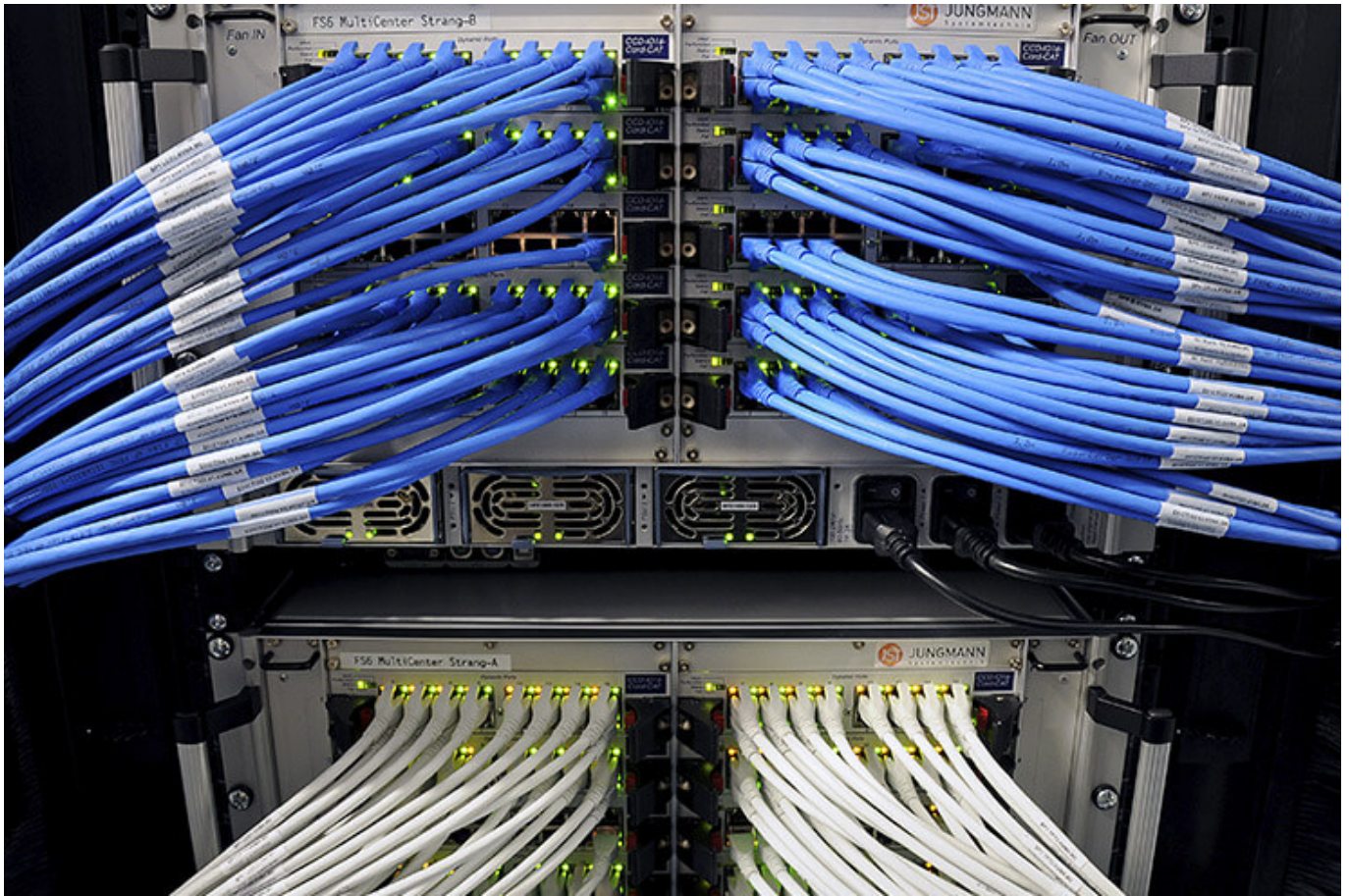
More about the JST large screen technology

myGUI® **− User interface for**

Large screen system, workplace & infrastructure

The intuitive myGUI® user interface in the 3D layout of your control room offers highest ease of use of your MultiConsoling® system.

With one click you can operate workstations, monitor walls and infrastructure − always absolutely safe and outstanding in stressful situations.

More about the myGUI®

MultiConsoling® – the

Control room switchboard

MultiConsoling® is the highly available control center to connect all signals of your systems with the monitors at the operator station and on the monitor walls.
The transmission takes place in real time and no software is required on your computers.

More about the MultiConsoling®

Control room furniture: ergonomic operator consoles, Recaro operator chair, AllMedia Conference System

Furniture and technology are available from JST from one source.
The height-adjustable and highly stable Stratos operator consoles and matching surrounding furniture form the ergonomic basis for your control room.

More about the control room furniture

Large screen control with graphic controller

With the IP-based graphics controller you can get your monitor wall going.
The graphics controller records all video signals via the IP network simultaneously and distributes them at any point and in any scale on the large screen wall.

More about graphic controllers

PixelDetection® – the operator's eye

Shorten your reaction times!
With PixelDetection® you receive the right alarm at exactly the right moment and always keep an overview.
Proven for many years and repeatedly awarded, PixelDetection® is also called the "artificial eye of the operator".

More about PixelDetection®

JST myLogin® **− the operator's login**

JST myLogin® is a revolutionary solution that allows you to log on and off centrally and quickly at all operator workstations with your company ID card.
The login/logout process only takes a few moments.
If desired, your personal arrangement of the screen contents can also be saved.
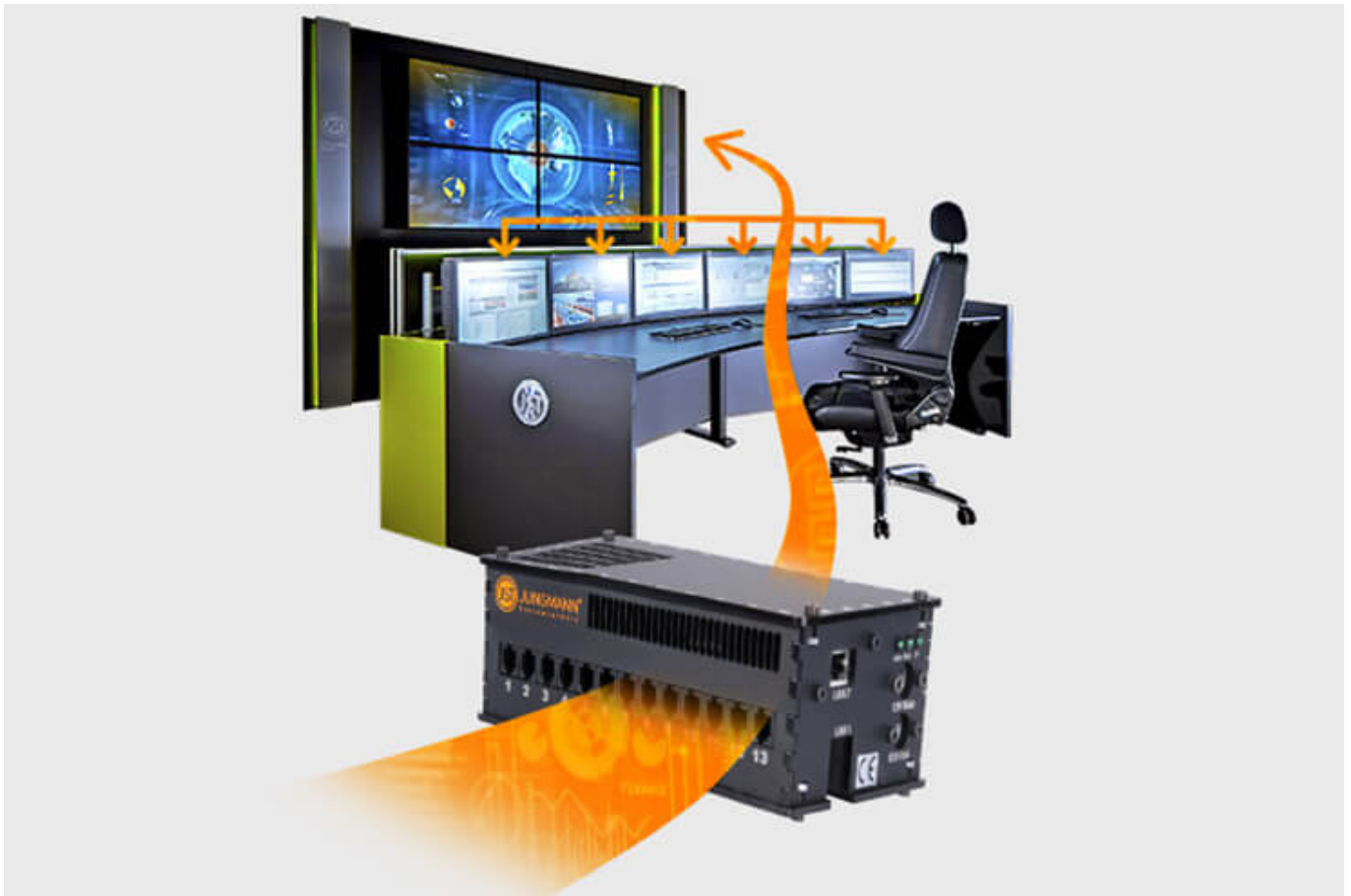
More about myLogin®

CockpitView – the operator's dashboard

Create dashboards with content from different computers on different networks!
CockpitView offers you the perfect overview of your most important applications at a glance.
With CockpitView you stay in control and can reduce monitors at the workplace or even the large screen system.
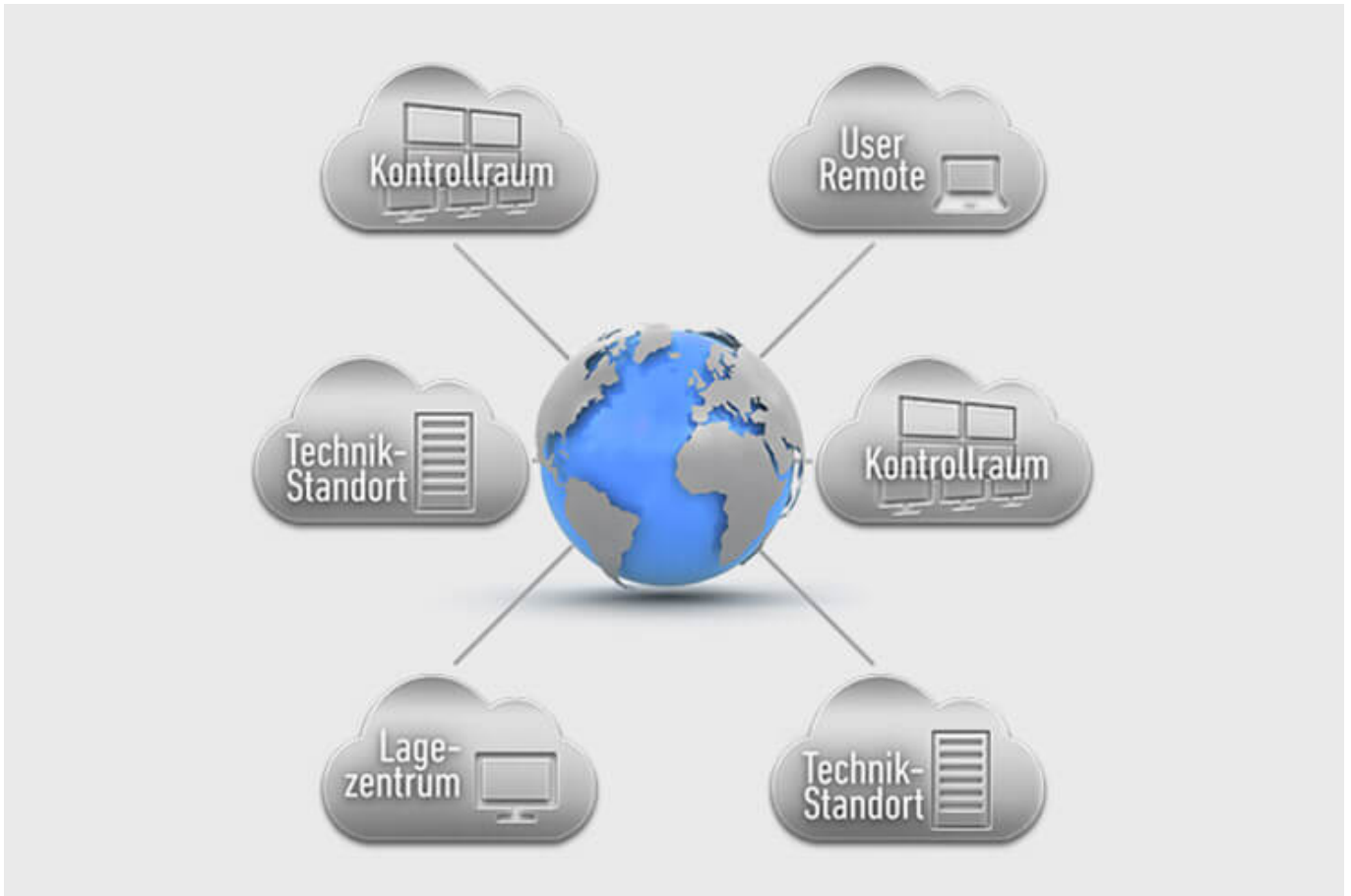
More about CockpitView

Automation for video walls and

Operator workstations

With the JST CommandBox you can monitor circuits, relays, audio signals, and much more.
and have them automatically switched on at defined workstations or on the monitor wall in the case of critical values.
The application possibilities are almost limitless!
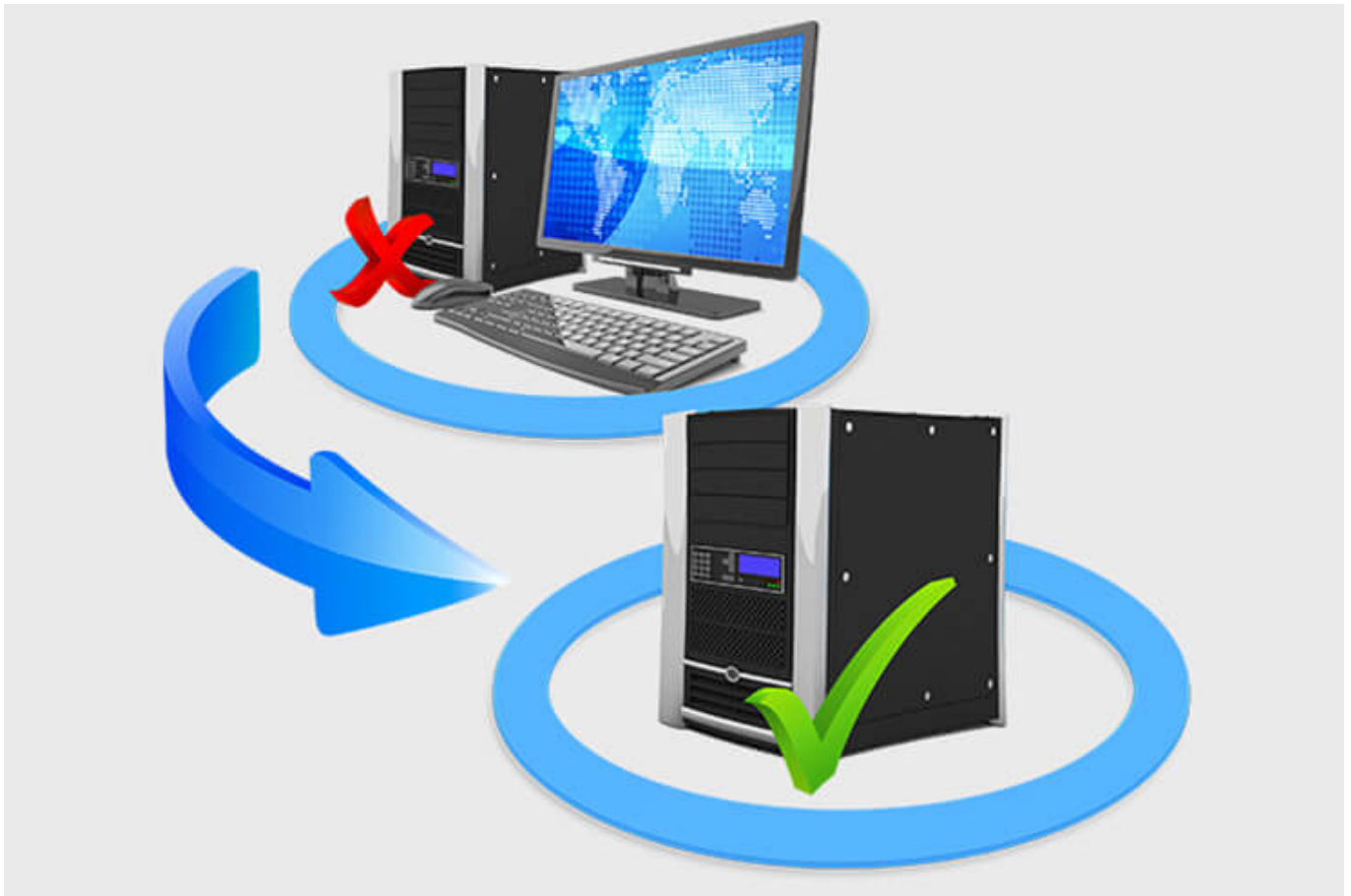
More about ControlRoom-Automation

Control room remote: connection of

decentralized systems and locations

The optional remote interface of the JST systems allows you to visualize and <u>operate</u> remote computers and entire control rooms.
Even complex emergency scenarios for backup control rooms can be realized!

<u>More about ControlRoom-Remote</u>

Computer outsourcing and

PC remote control

By outsourcing the computers from the control room to the technical room, you reduce the heat load and create more space in the employees' legroom.
Further advantages are the central administration of the computers and the physical access protection in the secured technical room.

More about computer outsourcing
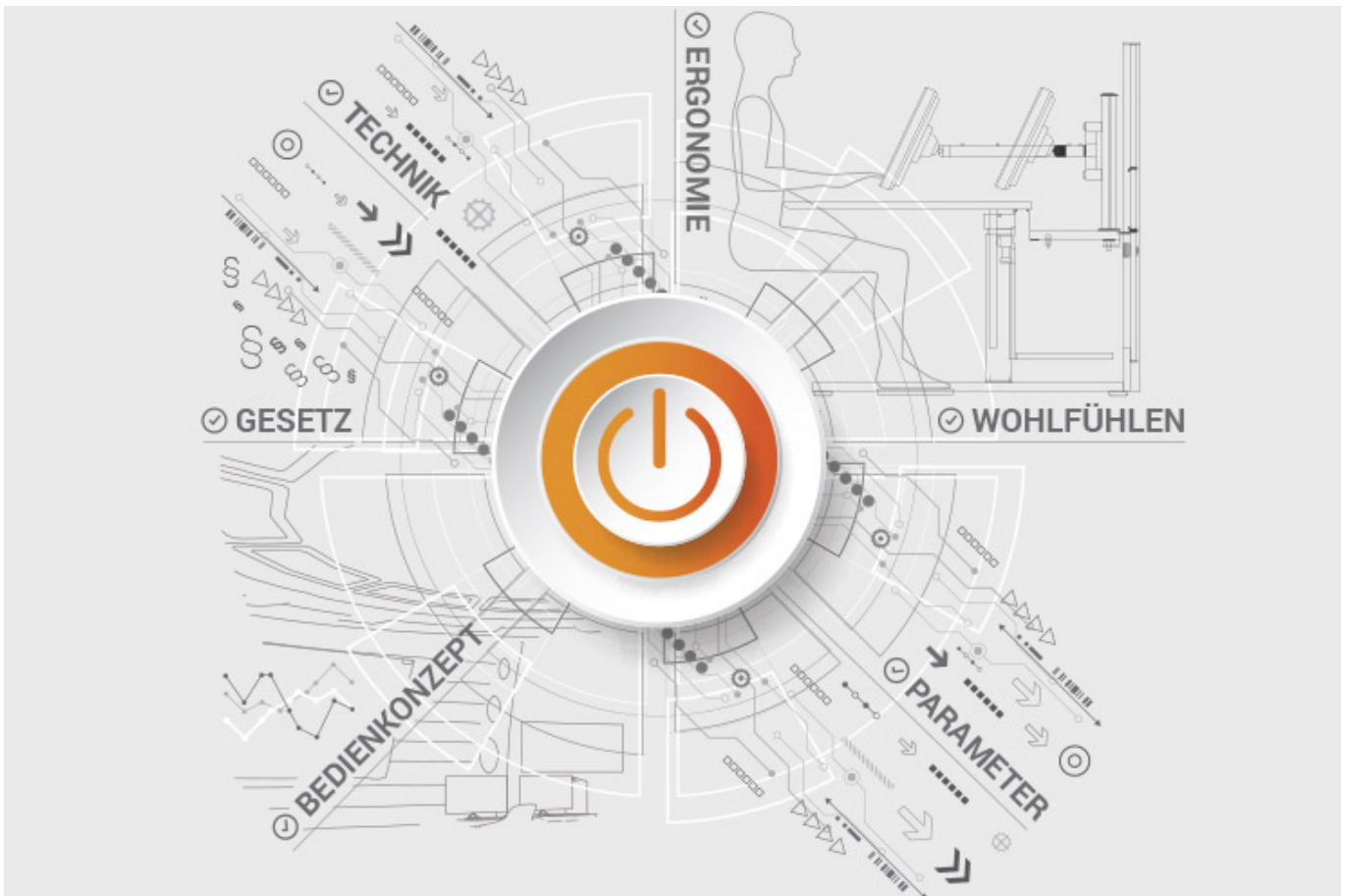
Optional service and maintenance packages

To ensure that your control room is as available as you need it to be, we offer availability assurance packages in various scopes and versions.
You will receive tailor-made solutions that support your market and competitive success.

More about service from JST

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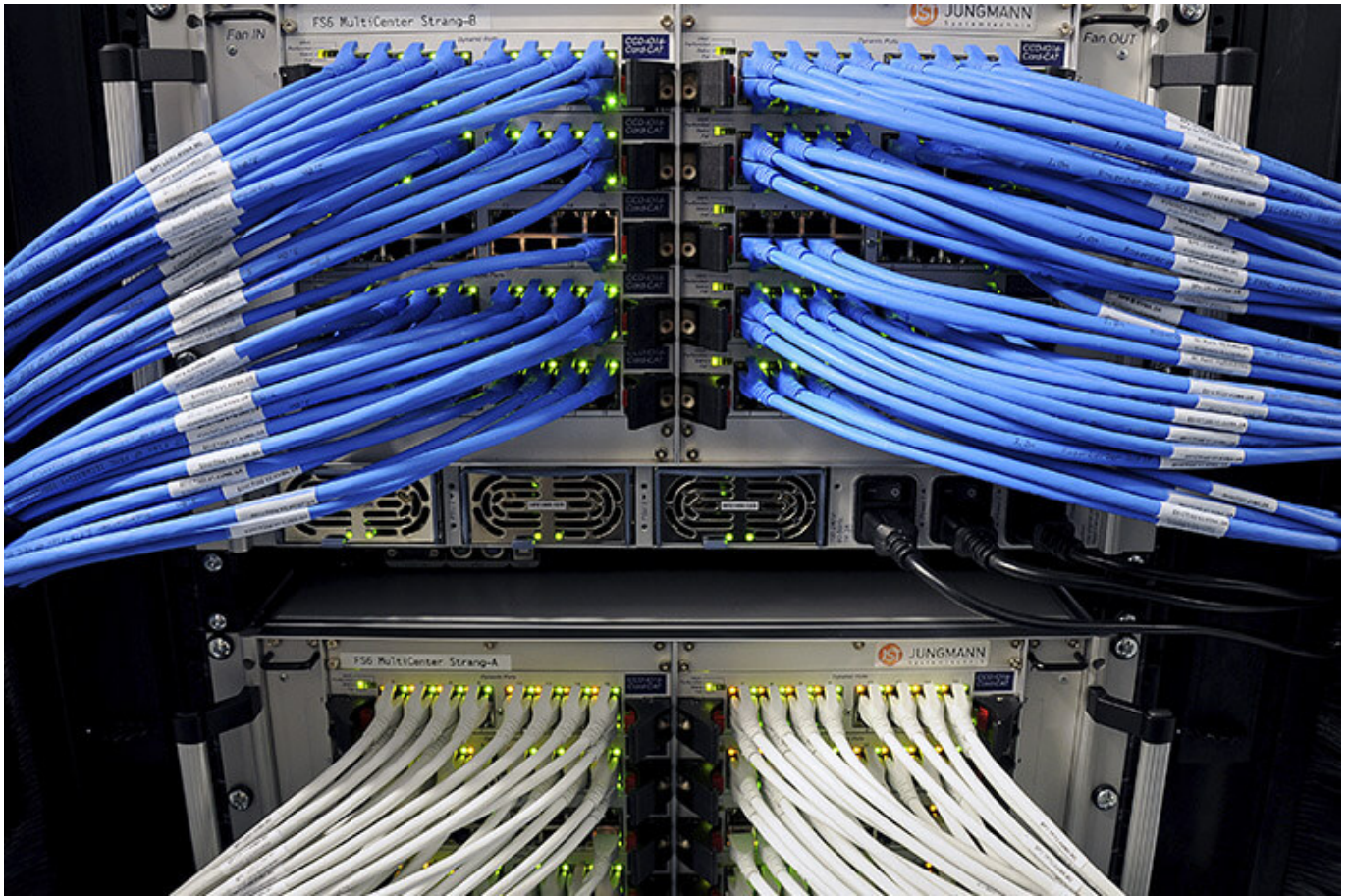More about the JST large screen technology

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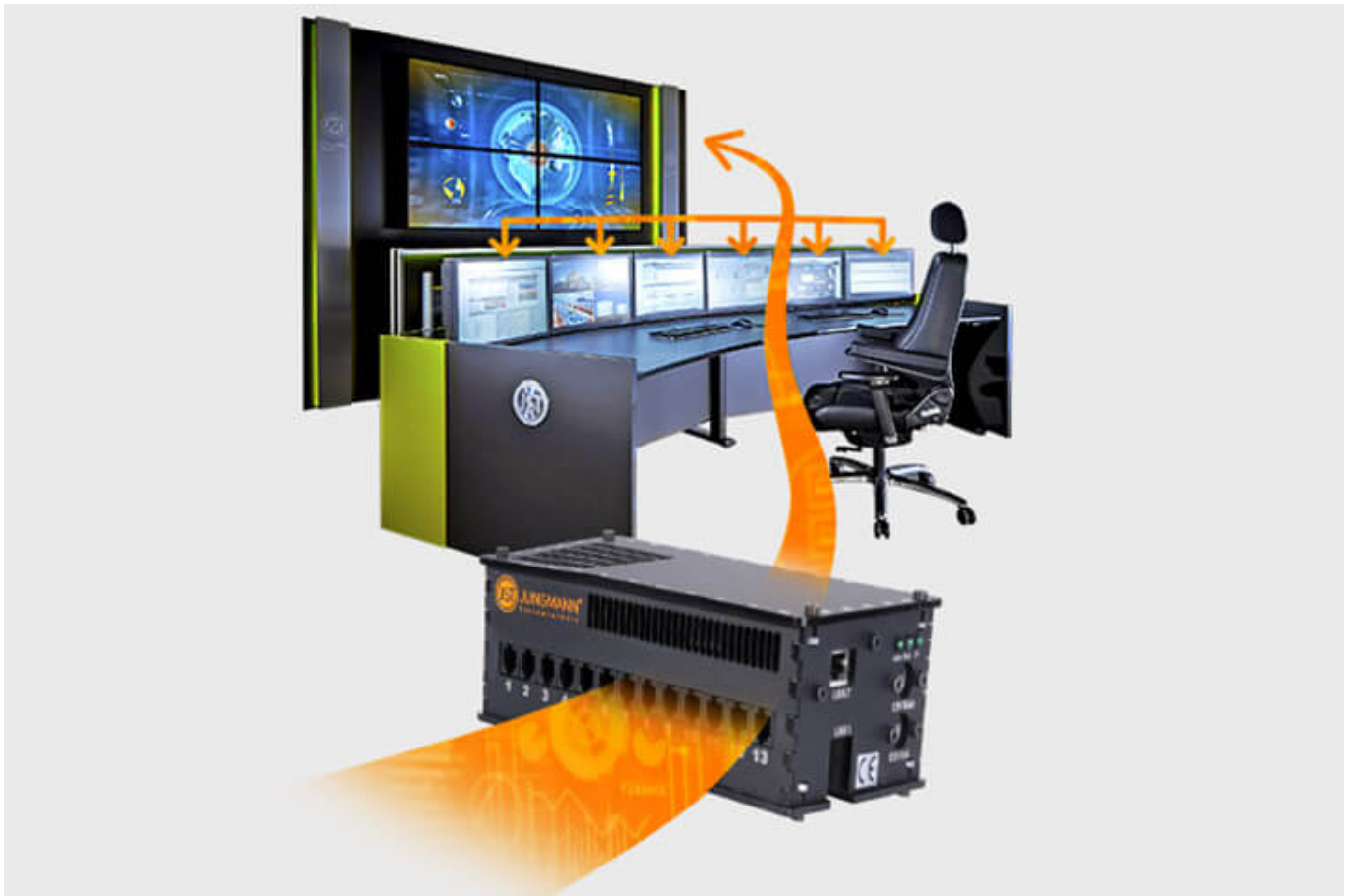
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Was möchten Sie als Nächstes tun?

Ich möchte
- das kostenfreie Praxisbuch der Kontrollräume anfordern
- einen Rückruf für eine unverbindliche Beratung
- den Kontrollraum-Simulator in Buxtehude besuchen
- eine digitale 360°-Tour in einem Kontrollraum erleben

- mehr über Kontrollräume auf dem ko:mon Kongress erfahren

We will gladly answer your questions about Videowall & Video screen in the control room

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