



Operating Room Solutions

CuratOR™

SOLUTIONS & SERVICES

EN

EXPERIENCE THE FUTURE OF
OPERATING ROOM TECHNOLOGY

THE NEW BRAND FROM EIZO

CuratOR™

EIZO has now developed CuratOR – the new brand for medical technology. A highly specialized expert team uses it to equip ORs with state-of-the-art imaging technology.



For more than 50 years EIZO has stood for high-quality visual display solutions. With its brands FlexScan, ColorEdge, DuraVision and RadiForce, it is impossible to conceive of the global visual display solutions market without EIZO.

EIZO specializes in highly developed, exacting and reliable products and solutions for graphic design, gaming, industry and air traffic control. EIZO has also made a name for itself for successfully meeting the high demands of the medical technology industry.

RadiForce®

CuratOR™

ColorEdge

FORIS®

FlexScan

Raptor

DuraVision®

CuratOR

RELIABLE TECHNOLOGY FROM A SINGLE SOURCE

With CuratOR, EIZO offers complete solutions for interventional radiology, the control room and the integrated OR.

CuratOR from EIZO is designed specifically for the medical field. This means there are no limits in terms of developing solutions thanks to the comprehensive EIZO product line.

Room camera
OR light camera

Streaming & Recording, Decoding & Encoding, Signal Splitting, Converting

PACS

HIS

Various images/
video sources

SURGICAL PANEL

With integrated IT and video management components and the option for in-wall mounting, this individual configurable imaging solution saves valuable space.

LARGE MONITOR MANAGER

An LMM enables a multitude of signal input units to be collected and switched to different outputs. This enables different digital and analog video signals to be flexibly routed to many areas in the operating room.

You can control video routing and select a layout by using a mouse and keyboard.

DVI TRANSMISSION LINK

Lossless transmission of large video data of up to 36 meters.

SURGICAL MONITOR

Used to display all signals that video management delivers. The intelligent modular assembly simplifies installation and wiring.

Integrated OR

Interventional Radiology

Control Room

Conference Room

LARGE MONITOR

Content can be efficiently displayed on the ultra HD widescreen monitors for a smooth surgical workflow.

WIDE MONITOR

Displaying all necessary information on one monitor and controlling different applications using only one workstation saves space, time and energy so you can concentrate on the essentials.

CONTROL INTERFACE DEVICE

Standing directly at the operating table, you can use the touchscreen to select different image and video sources in customized layouts for flexibility and fast, uncomplicated work.

STREAMING

Facilitates the live transmission of an operation in the operating theater and supports direct communication with experts outside the OR.

HARDWARE



ColorEdge

FlexScan

RadiForce

FORIS

DuraVision

Surgical Monitors

Large Monitors

Large Monitor Managers

Extentions

PRODUCT SOLUTIONS

Surgical Panel

Surgical Cart

Surgical Matrix

SYSTEM SOLUTIONS

Consulting

Service

SOFTWARE & SERVICE SOLUTIONS

CuratOR



For more detailed specifications on the above-mentioned products, please refer to the CuratOR product brochure.

INNOVATION IN THE OR SURGICAL PANEL

The CuratOR Surgical Panel is a digital image viewing system that can be adapted using the proven EIZO technology to the specific requirements of each customer. The Surgical Panel can also be used in entirely different fields, for example, as a platform for video management, image and video documentation or streaming and teleconference.

BRILLIANT MONITORS

The monitors used by EIZO come with outstanding features. Resolution, brightness, viewing angle and precision are perfectly aligned with one another.

DIVERSE TYPES OF MONITORS

High level of freedom in the number, size and type of monitors that can be integrated. Some can be configured with a touchscreen.

INPUT DEVICES

Data input options via hygienic silicone or film keypads and silicone mice. Keyboard holders can come with a mouse storage pocket and the angle can be adjusted.

ADD-ON OPTIONS

Additional accessories and interfaces can be integrated depending on customer requirements.

INTELLIGENT HEAT ALLOCATION

No additional ventilation system is necessary to operate the surgical panel.

HOUSING COLOR AND MATERIAL

Sheet steel, stainless steel or glass – the housing front comes in a selection of materials. Combinations from the different materials are also possible. Colors can be selected from the RAL range of colors.

Safety glass with low light reflection for maximum transparency and inspection.

DUST AND WATER-PROOF

The Surgical Panel is closed off to the OR. Cleaning and disinfecting are therefore no problem.

GADGETS & ACCESSORIES

Digital clocks, speakers, cameras, on-air lights, barcode readers and docking stations for peripheral devices, such as music players and data carriers, can be integrated.

INSTALLATION

Depending on assembly options on site, surface-mounted or flush-mounted installation is possible.

MAINTENANCE AND SERVICE-FRIENDLINESS

The device can be opened without loosening screws or having to go through a complicated disassembly process for simple and uncomplicated maintenance of installed components.

DIMENSIONS

Individual add-ons and dimensions can easily be accommodated thanks to the modular configuration of the individual components.

IT AND VIDEO MANAGEMENT

The modular interior design makes customer-specific configuration and uncomplicated servicing possible.

SURGICAL PANEL STANDARD MODELS



**SP1-24
NURSE STATION**

In the digital age, X-ray film and analog X-ray viewing boxes have long been a thing of the past. Today, digital systems that can be integrated into the IT infrastructure of the hospital to support the most varying workflows in the OR are in high demand.

The CuratOR Surgical Panel allows for many individual application scenarios. Furthermore, EIZO has defined three models that meet the majority of conventional requirements.



**SP1-46
VIEWING STATION**



**SP2-24-49
HIS/PACS STATION**



HIS/PACS STATION

A space-saving combination of HIS and PACS Station forms the Surgical Panel SP2-24-49. Just one device covers different application options.



NURSE STATION

The CuratOR Surgical Panel SP1-24 is ideal for the OR nursing staff. The 24-inch monitor allows for perfect viewing of all information while maintaining good ergonomic head and body position for maximum user-friendliness.

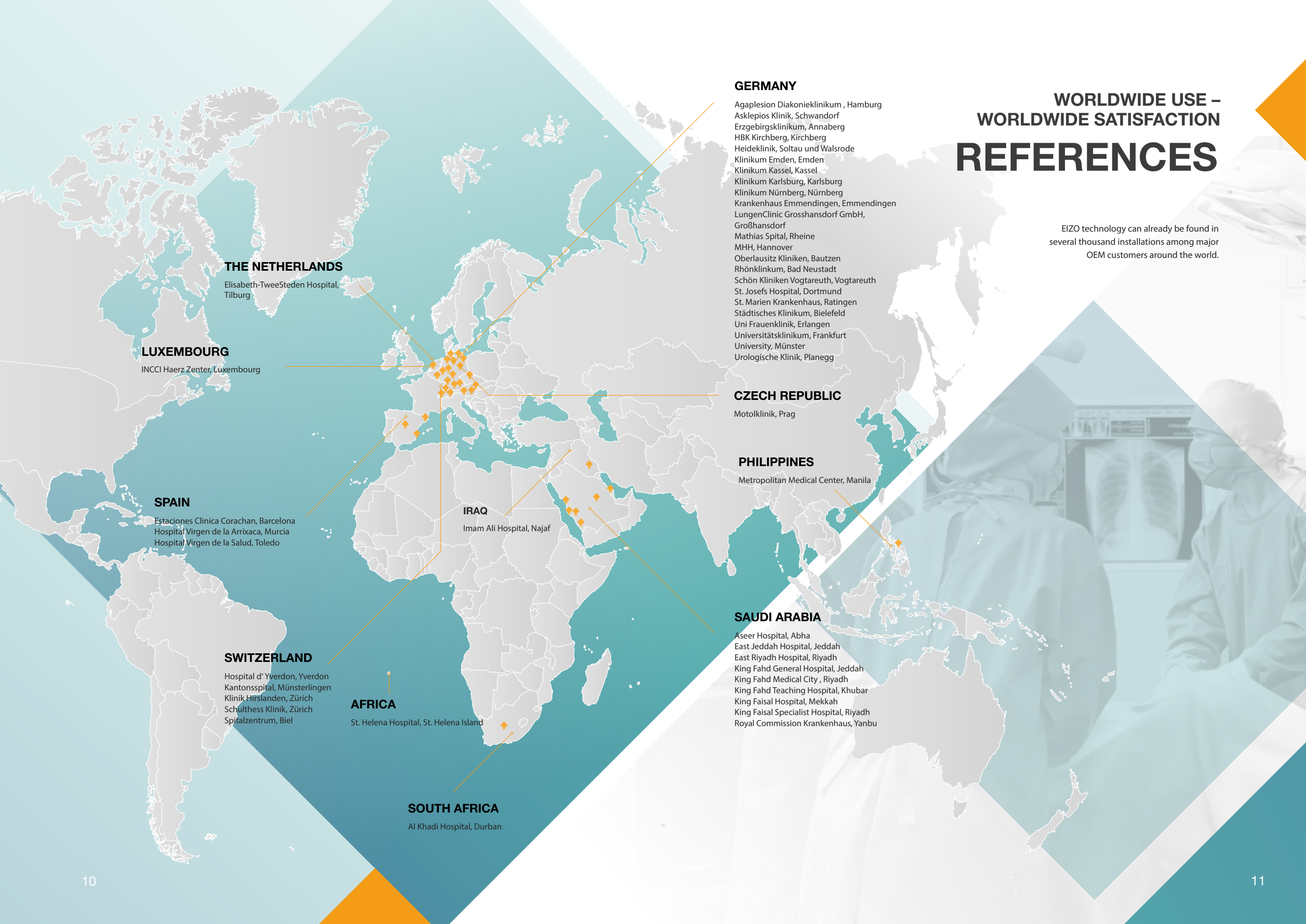
VIEWING STATION

Today's modern operating rooms are inconceivable without digital image viewing. Surgical Panel SP1-46 provides the surgeon and his team with a perfect view also from remote locations in the operating room.



WORLDWIDE USE – WORLDWIDE SATISFACTION REFERENCES

EIZO technology can already be found in several thousand installations among major OEM customers around the world.



GERMANY

Agaplesion Diakonieklinikum , Hamburg
Asklepios Klinik, Schwandorf
Erzgebirgsklinikum, Annaberg
HBK Kirchberg, Kirchberg
Heideklinik, Soltau und Walsrode
Klinikum Emden, Emden
Klinikum Kassel, Kassel
Klinikum Karlsburg, Karlsburg
Klinikum Nürnberg, Nürnberg
Krankenhaus Emmendingen, Emmendingen
LungenClinic Grosshansdorf GmbH,
Großhansdorf
Mathias Spital, Rheine
MHH, Hannover
Oberlausitz Kliniken, Bautzen
Rhönklinikum, Bad Neustadt
Schön Kliniken Vogtareuth, Vogtareuth
St. Josefs Hospital, Dortmund
St. Marien Krankenhaus, Ratingen
Städtisches Klinikum, Bielefeld
Uni Frauenklinik, Erlangen
Universitätsklinikum, Frankfurt
University, Münster
Urologische Klinik, Planegg

CZECH REPUBLIC

MotolKlinik, Prag

PHILIPPINES

Metropolitan Medical Center, Manila

SAUDI ARABIA

Aseer Hospital, Abha
East Jeddah Hospital, Jeddah
East Riyadh Hospital, Riyadh
King Fahd General Hospital, Jeddah
King Fahd Medical City , Riyadh
King Fahd Teaching Hospital, Khubar
King Faisal Hospital, Mekkah
King Faisal Specialist Hospital, Riyadh
Royal Commission Krankenhaus, Yanbu

THE NETHERLANDS

Elisabeth-TweeSteden Hospital,
Tilburg

LUXEMBOURG

INCCI Haerz Zenter, Luxembourg

SPAIN

Estaciones Clinica Corachan, Barcelona
Hospital Virgen de la Arrixaca, Murcia
Hospital Virgen de la Salud, Toledo

IRAQ

Imam Ali Hospital, Najaf

SWITZERLAND

Hospital d' Yverdon, Yverdon
Kantonsspital, Münsterlingen
Klinik Hirslanden, Zürich
Schulthess Klinik, Zürich
Spitalzentrum, Biel

AFRICA

St. Helena Hospital, St. Helena Island

SOUTH AFRICA

Al Khadi Hospital, Durban

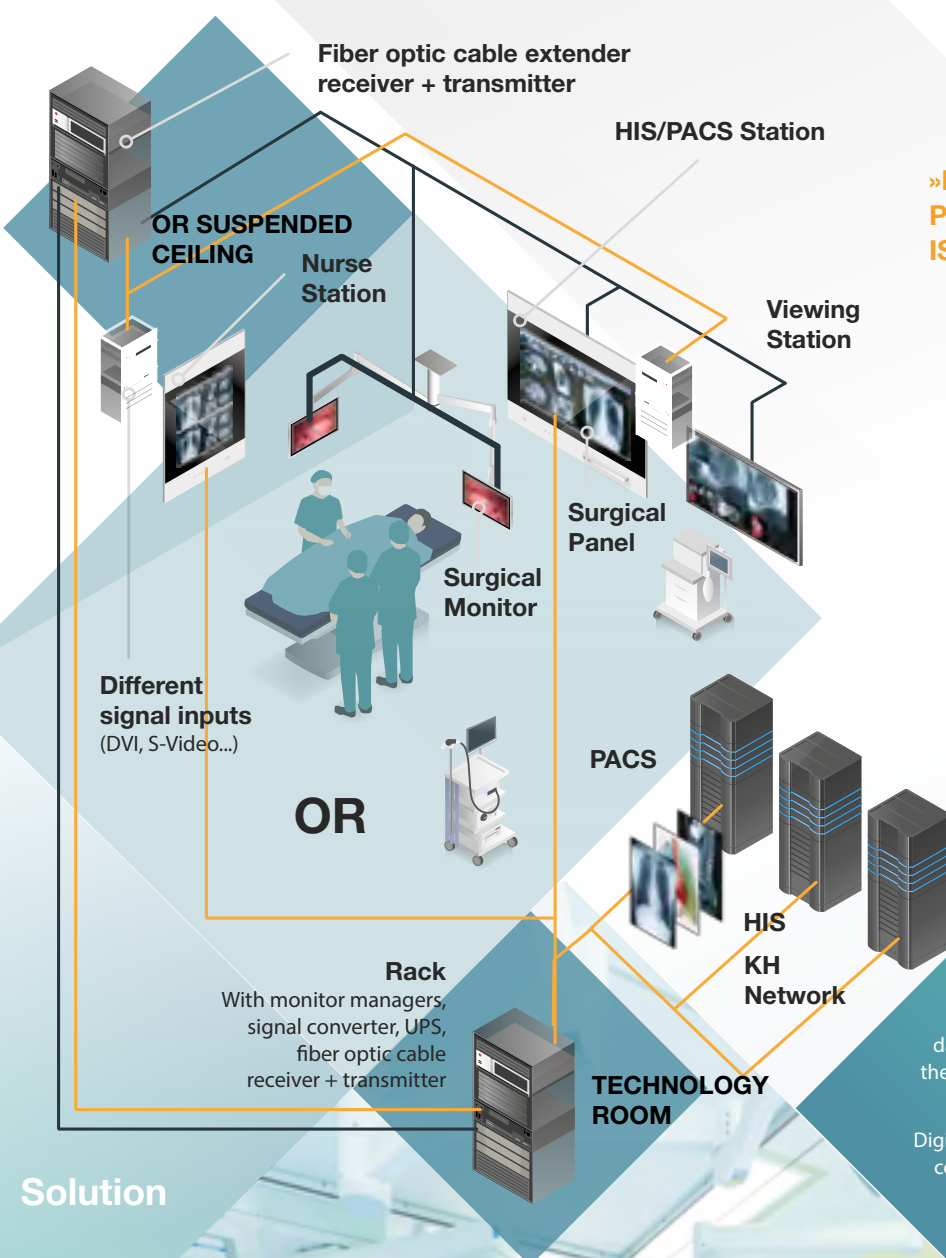
CASE STUDY

LUNGENCLINIC GROSSHANSDORF

The LungenClinic Grosshansdorf in Großhansdorf, Germany, is an internationally recognized hospital specializing in all lung and respiratory diseases. Each year, it treats about 12,000 patients on an out-patient and inpatient basis, focusing on pneumonia, oncology, thoracic surgery and anesthesia.

»FROM AN ERGONOMIC
PERSPECTIVE, THE SYSTEM
IS A QUANTUM LEAP«

Dr. Christian Kugler
Head of Thoracic Surgery



Requirements

The clinic wanted its ORs equipped with a centralized medical audio, image viewing, data and video management system that, along with the integration of PACS and HIS, would facilitate work in the OR.

Digital and analog signals, aligned with the workflow and controlled from the OR workstations via touchscreen or contact-free, were needed to be transmitted, stored and retrieved almost in real time. In addition, the clinic sought the capability to transmit signals from the ORs to the clinic's internal network.

ELISABETH-TWEESTEDEN HOSPITAL

The Elisabeth-TweeSteden Hospital in Tilburg is one of the largest top clinical training hospitals in the Netherlands.

With a regional draw of almost half a million residents, in addition to patients from the North Brabant region, people from all over the Netherlands and neighboring Belgium come to this facility for medical care.

»EIZO'S CuratOR SOLUTION
OFFERS MAXIMUM FUNCTION-
ALITY AND FLEXIBILITY THAT
WE HAVE COMPLETELY INTEG-
RATED INTO OUR OPERATING
ROOM.«

Jan Steenbakker
Head Operating Room
& Anesthesia

Requirements

The Elisabeth-TweeSteden Hospital wanted a centralized workstation that could handle OR and image management according to the hospital's specific requirements.

Solution

In close cooperation between the project managers and EIZO, a solution was developed that met all the hospital's requirements.

Customized for its specific OR, a wall console with four monitors was designed that not only visually fits in very well with the overall image, but also meets all functional requirements. In the middle, both 24-inch monitors offer the option of PACS image viewing. Both 23-inch monitors outside allow the user to operate the OR management and control software – through the comfort of touchscreens. The connection to the PC and video management components to the external technology room is established by the customer-specific configuration of technology inside the Surgical Panel.



24/7 SERVICE

Free-of-charge hotline – 7 days a week/
24 hours a day for service calls.

+49 (0)800 2014 040



EIZO Locations



EIZO Dealer Network

EIZO Nordic AB, Sweden

EIZO GmbH, Germany
includes Branch Plauen

EIZO Technologies GmbH, Germany

EIZO Europe GmbH, Germany
*includes Branch Belgium, Italy,
Netherlands, Czech Republic and
EIZO Austria GmbH*

EIZO Limited, UK

EIZO AG,
Switzerland

EIZO Corporation
(Headquarters), Japan

Canada

EIZO Inc., USA

Tech Source Inc., USA

EIZO Display Technologies
(Suzhou) Co., Ltd., China

Brazil

Australia



EIZO GmbH
Display Technologies
Siemensallee 84
76187 Karlsruhe, Germany

EIZO GmbH
OR Solutions
Branch Plauen
Kopernikusstraße 80
08523 Plauen, Germany

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