



CURE VISION

— OR Integration System Solutions —
(Challenges/Solutions/Benefits)

CHALLENGES IN OPERATING ROOMS

What hurdles and difficulties do healthcare providers encounter in the operating rooms?

Patient Safety
Concerns

Lack of
Interoperability

Limited Real-Time
Collaboration

Fragmented
Information



Difficulty of Recording
and Archiving
Procedures

Manual
Workflows

Inefficient Access to
Medical Images

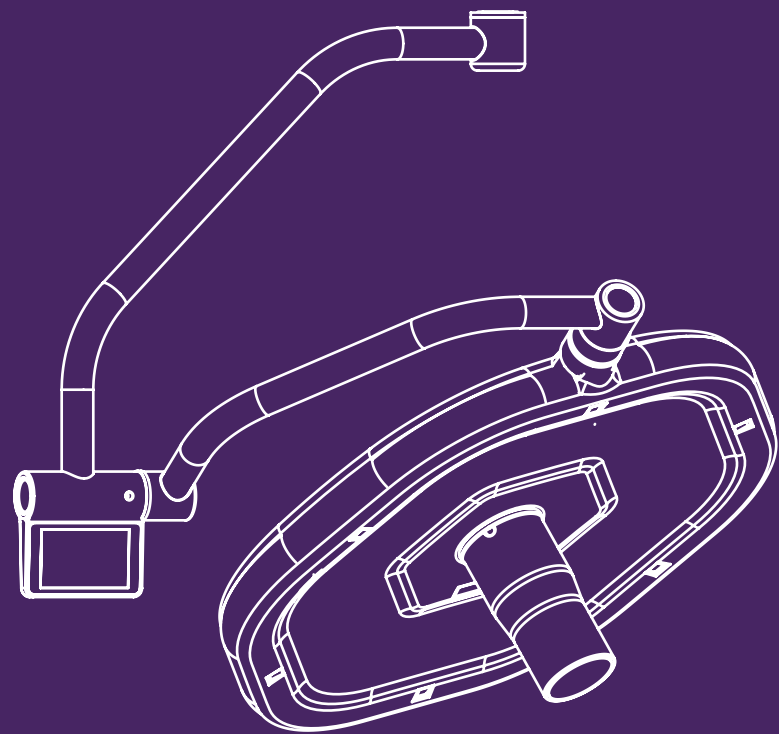
Processing
Overloaded Data
and Information

Lack of Evidence
in Malpractice
Lawsuits

THE SOLUTION

Revolutionizing OR's with CureVision Operating Room
Integration System

OR INTEGRATION SYSTEM



OR Control Panel

FEATURES

- Alarm
- Audio
- Display
- Navigation
- Recording
- Temperature
- Humidity
- BMS



Digital Negatoscope and Telemedicine

RECORDING & ARCHIVING

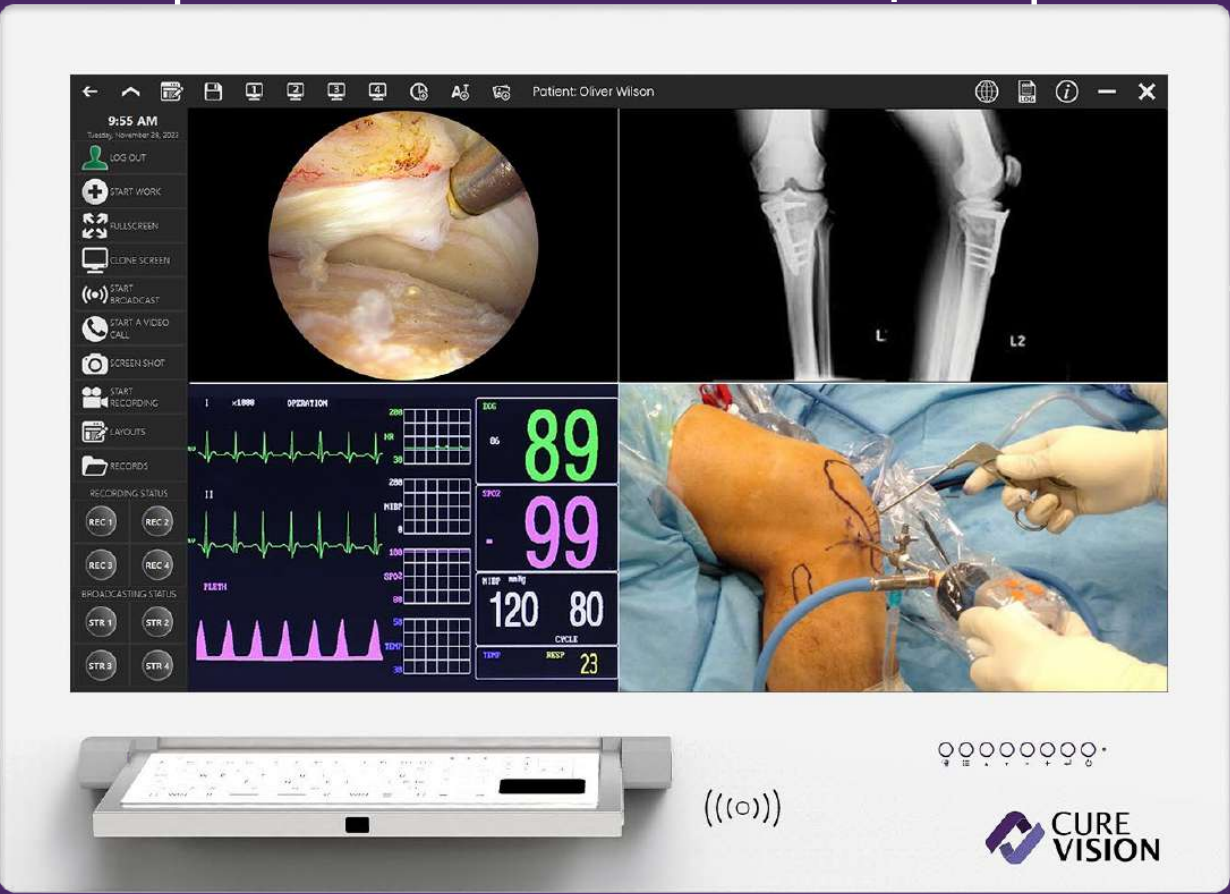


LIVE BROADCASTING

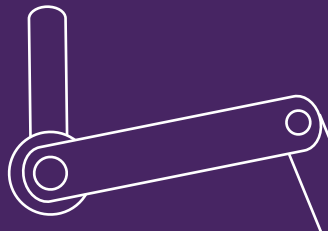
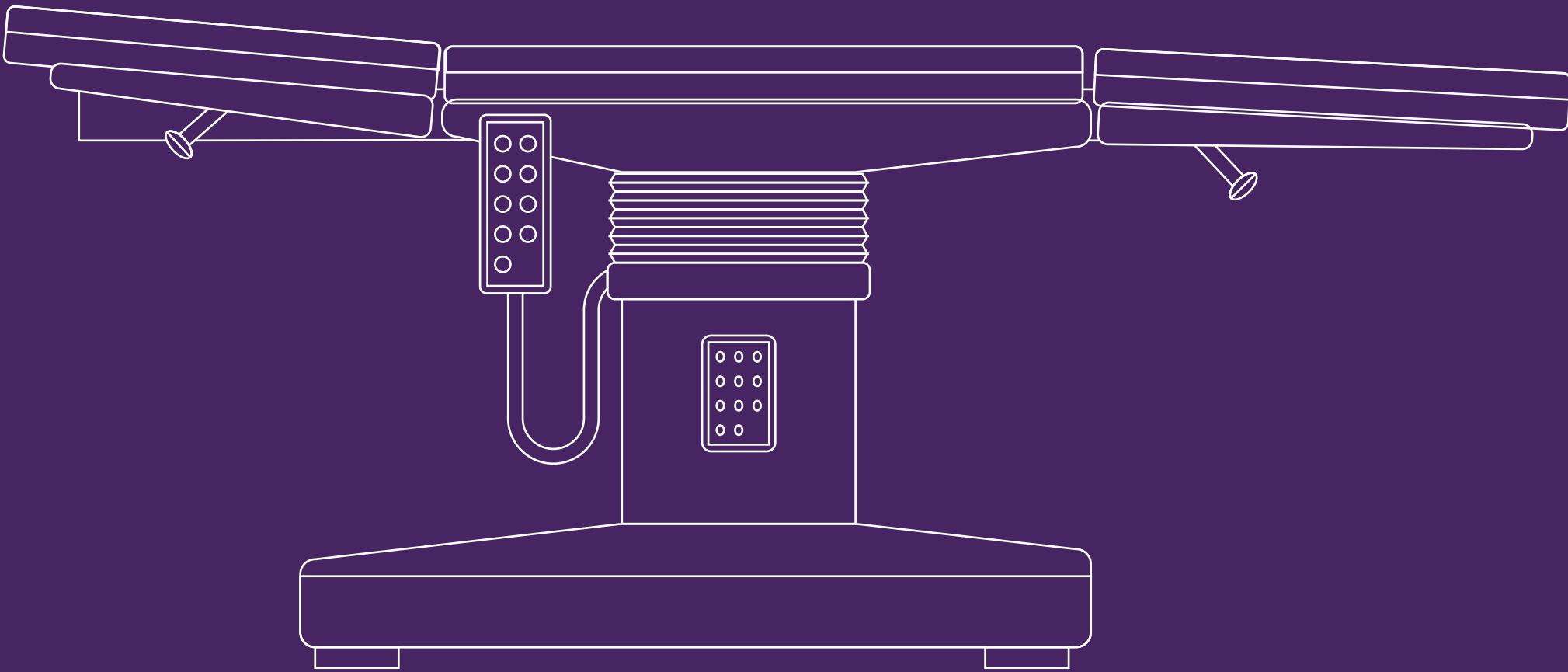


INTEGRATION

- Microscope
- Endoscope
- Ultrasound
- Navigation
- Robotics
- Imaging



DICOM Preset



Surgical Monitor

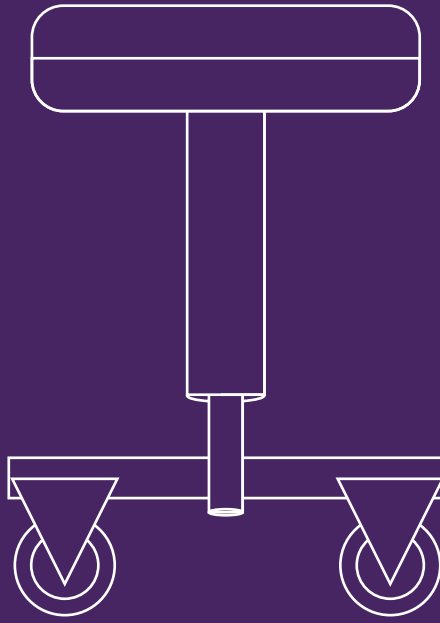


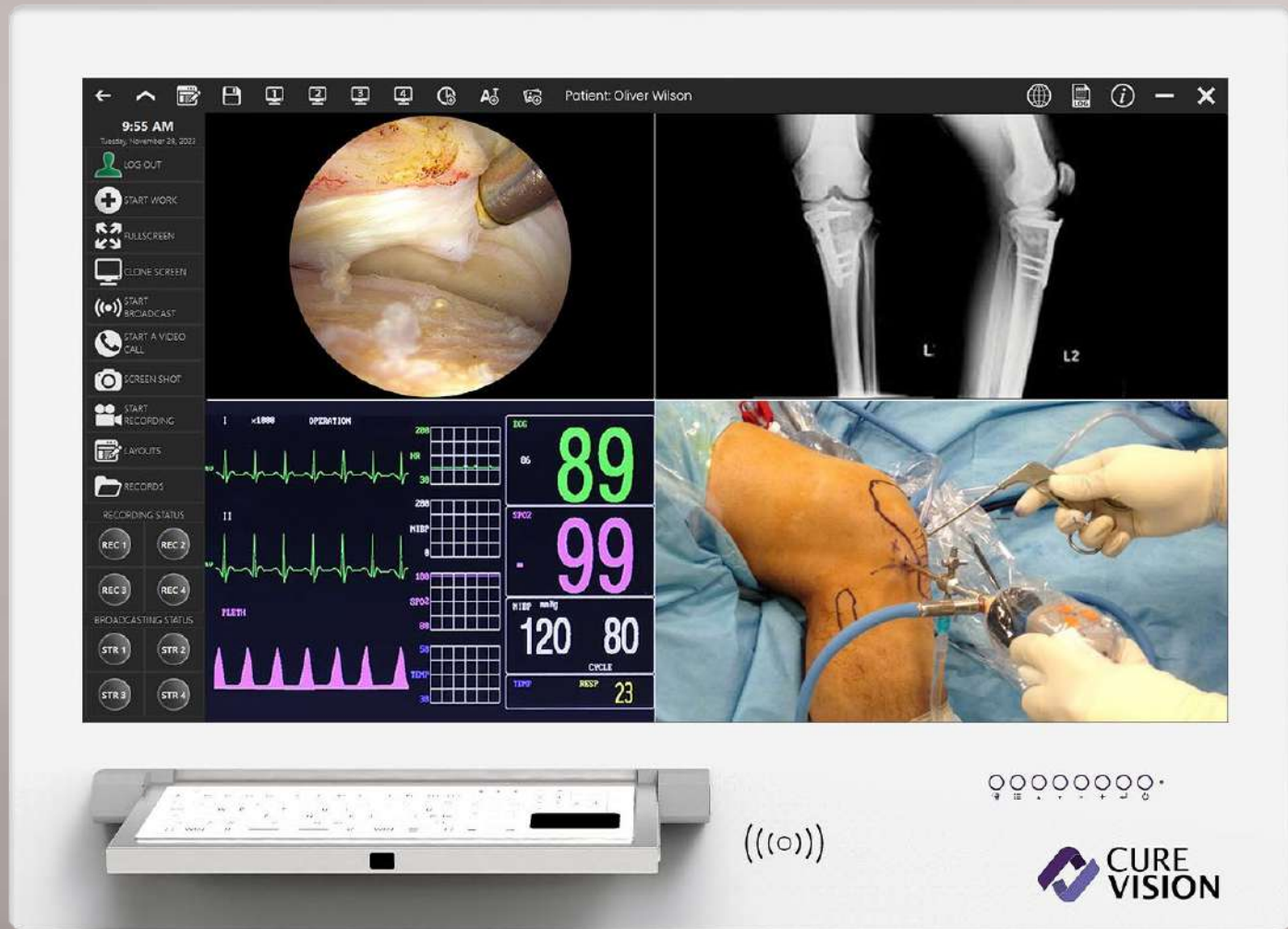
OR Console



HIS & WORKFLOW MANAGEMENT

- Home
- Clock
- Checklist
- Global
- RFID
- Mobile





Unlocking Precision in Surgery: CureVision OR Integration System

CureVision's Operating Room Integration System empowers healthcare professionals with comprehensive control and monitoring capabilities.

This innovative system oversees environmental parameters, manages mechanical-electrical systems, captures data and images from medical devices, records and archives surgical videos, and streamlines workflows in real-time.

CureVision OR Integration Solution is meticulously developed to optimize patient safety, foster collaboration, enhance interoperability, and improve operational efficiency within healthcare facilities.

CureVision's Solutions:
Empowering Healthcare Providers
Beyond Challenges



Difficulty of Recording and Archiving Procedures

SOLUTION:

CureVision's OR Integration System offers state-of-the-art recording and archiving capabilities for surgical procedures. It utilizes advanced video capture technology with high resolution, ensuring detailed documentation.

BENEFIT:

Enhanced documentation facilitates in-depth surgical analysis, supports comprehensive training programs for medical professionals, and ensures compliance with regulatory standards. The system's sophisticated archiving features allow for precise historical data retrieval for research and educational purposes.



Patient Safety Concerns

SOLUTION:

CureVision enhances patient safety through an advanced monitoring and control system, allowing for precise control of surgical instruments and immediate response to vital sign fluctuations.

BENEFIT:

Improved patient safety is achieved through real-time monitoring, reducing the risk of adverse events. The system provides continuous data streams, empowering surgeons to make proactive decisions, ensuring a safer surgical environment, and improving patient outcomes.



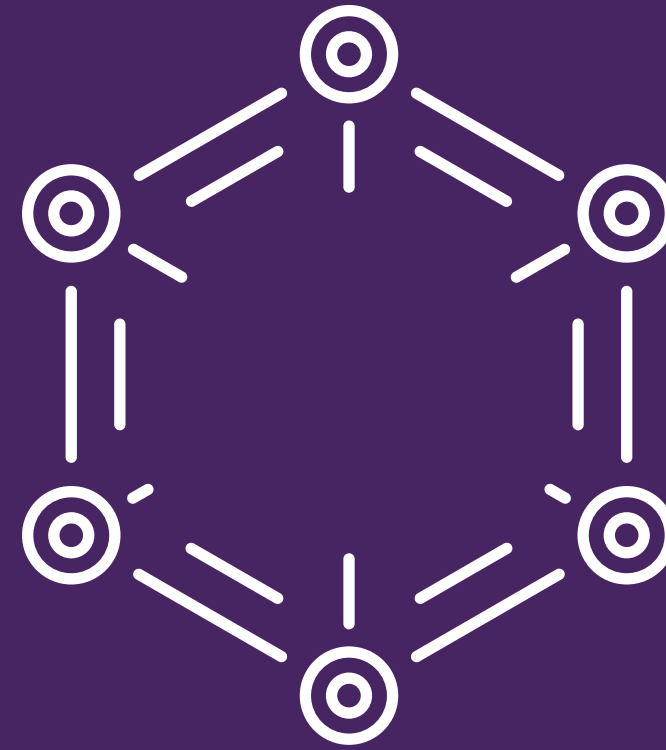
Manual Workflows

SOLUTION:

CureVision streamlines workflows with its unified control interface, consolidating all critical components under one intuitive platform and reducing manual effort. It includes controls for imaging systems, lights, and monitors.

BENEFIT:

Increased operational efficiency is achieved by minimizing manual tasks, enabling healthcare providers to allocate more time to direct patient care. The system allows for seamless management of multiple devices, enhancing the overall user experience and ensuring a more focused and efficient workflow. It streamlines the documentation process, ensuring the accurate and immediate recording of critical information for comprehensive patient care and streamlined administrative tasks.



Lack of Interoperability

SOLUTION:

CureVision improves interoperability by seamlessly integrating patient data, imaging results, and medical records into the operating room environment. The system supports industry-standard communication protocols, ensuring compatibility with various medical devices and information systems, including real-time communication with doctors outside the operating room through the telemedicine system.

BENEFIT:

Seamless access to integrated information enhances decision-making, collaboration, and patient care. The system's adherence to industry standards promotes interoperability, allowing healthcare providers to work with a unified, standardized data environment. The telemedicine system expands collaboration beyond the operating room, enabling real-time communication with doctors and specialists for enhanced care coordination and decision-making.



Inefficient Access to Medical Images

SOLUTION:

CureVision provides cutting-edge high-definition imaging capabilities, ensuring sharp and detailed images. The system supports various imaging modalities and offers real-time image processing for enhanced visualization during surgical procedures. Additionally, healthcare providers can seamlessly record pictures and videos during procedures, with convenient access to retrieve and review these files from the PACS system.

BENEFIT:

Unparalleled visual clarity aids surgeons in making informed decisions, improving precision in surgery. The high-definition imaging capabilities and the ability to record and retrieve images and videos support various imaging modalities. This feature provides a clear and comprehensive view of the surgical field, contributing to more accurate diagnoses and procedures. The recorded images and videos enhance documentation, training, and postoperative assessments, ensuring a comprehensive approach to patient care.



Limited Real-time Collaboration

SOLUTION:

CureVision enables real-time collaboration among surgical team members through a secure and integrated platform. It supports live video feeds and image sharing, allowing for simultaneous visualization of critical information.

BENEFIT:

Enhanced collaboration fosters better communication, leading to more effective decision-making during surgical procedures. The secure and integrated platform enables real-time sharing of critical information, fostering a collaborative environment that optimizes team coordination and contributes to successful surgical outcomes.



Processing Overloaded Data and Information

SOLUTION:

CureVision's data management capabilities allow for information consolidation and efficient storage. The system provides a structured storage environment, facilitating easy access to consolidated data.

BENEFIT:

Efficient data management ensures healthcare providers have timely access to critical information, enhancing operational efficiency. The system's structured storage environment allows for quickly retrieving consolidated information, minimizing data overload. This streamlined approach improves workflow efficiency and contributes to a more effective healthcare environment.



Fragmented Information

SOLUTION:

CureVision addresses fragmented information by consolidating all critical components and data sources under one unified control interface. The system employs a centralized database architecture for seamless data management.

BENEFIT:

Consolidation of information leads to a unified and organized system, reducing errors and improving the overall flow of information. The centralized database architecture ensures data integrity and consistency, promoting efficient data management and minimizing the risk of miscommunication or data fragmentation.



Lack of Evidence in Malpractice Lawsuits

SOLUTION:

CureVision aids in providing evidence for malpractice lawsuits through its comprehensive recording and archiving features. The system stores data securely in PACS (Picture Archiving and Communication System), ensuring a reliable and organized repository for critical information.

BENEFIT:

Improved legal preparedness with accurate and detailed records enhances a healthcare facility's ability to defend against malpractice lawsuits. The system protects healthcare providers and the organization by providing a secure and accessible archive of critical data.

Elevate your surgical capabilities
with the
CureVision Operating Room Integration System
where precision meets innovation,
and excellence becomes standard practice.

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