



Operating Room Integration System

One platform. Every layer of the
operating room.



Most OR technology projects stall because of one problem

Too many vendors. Too little accountability.

Imaging from one supplier. Software from another. Hardware from a third. When systems don't work together, resolving issues becomes everyone's responsibility—and no one's.

CureVision brings everything together in one integrated platform with a single point of responsibility.

Content

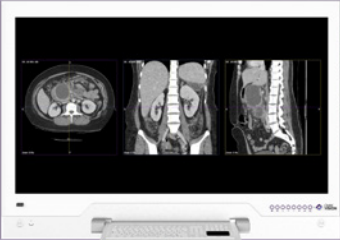
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CureVision

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FIVE PRODUCT GROUPS



CURECONSOLE

OR Console
Medical-Grade Windows PC

HIS & PACS access from inside
the OR



CURELINK

**Surgical Recording
& Telemedicine System**

Record · Stream · Consult
remotely



ORC SERIES

OR Control Panel
Environmental Management

One panel controls the entire
OR environment



SM - 320

Surgical Monitor
HD OR Display

Displaying mirrored or
independent images from any
OR video source



CUREIQ AI

**AI Surgical
Assistant**

Voice control · Auto reports
· Live monitoring



WHY HOSPITALS CHOOSE CUREVISION



One Vendor. Zero Integration Headaches.

OR console, recording, AI, environmental control – all from a single certified vendor. One contract, one support line, no compatibility gaps.



Works With What You Have.

Compatible with existing HIS, PACS, and DICOM infrastructure. No rewiring. No full system replacement. Modular – deploy room by room.



From Setup to AI – One Platform.

From OR environmental control and surgical recording to voice-activated AI documentation. One ecosystem that grows with your OR.

ABOUT CUREVISION

Engineered for the OR. Built to Last.

CureVision is a medical device manufacturer founded in 1994 — headquartered in Montreal, Canada, with manufacturing and R&D in Istanbul, Türkiye. Every product in our OR Integration System portfolio is designed, engineered, and certified in-house by a team of 50+ specialists across hardware engineering, software development, and clinical implementation.

Integration isn't something we add later. It's how CureVision is built.

We design the hardware, develop the software, build the intelligence, and validate the complete platform.

So when it's installed in your operating room, every component works together as one system.

- **Founded 1994** — 30+ years in technology
- **In-house design, manufacturing & certification** — end to end
- **50+ specialists** — hardware, software, clinical implementation
- **Offices on 2 continents** — Canada & Türkiye
- **Global Business Partners** — global reach, local support
- **MDR Class I certified** — across all OR Integration products
- **IEC 60601-1 compliant** — medical electrical equipment standard





THE CHALLENGE

The modern OR runs on coordination — but most facilities still operate with disconnected systems, manual workarounds, and fragmented vendor relationships. The result is friction that costs time, increases risk, and falls on the surgical team to absorb.

1

Systems that don't speak to each other — imaging, documentation, environmental controls, and monitoring managed from separate interfaces, forcing surgical teams to context-switch mid-procedure

2

Critical patient data — PACS images, HIS records, surgical notes — accessed outside the sterile field, creating unnecessary movement and delays at decisive moments.

3

Surgical procedures recorded manually or not at all — no reliable archive for training, peer review, legal compliance, or post-op analysis.

4

Remote expertise unavailable when it matters most — complex procedures delayed because there is no reliable way to bring a specialist into the OR in real time.

5

Multi-vendor complexity — different support contracts, compatibility gaps between components, and no single point of accountability when something goes wrong.

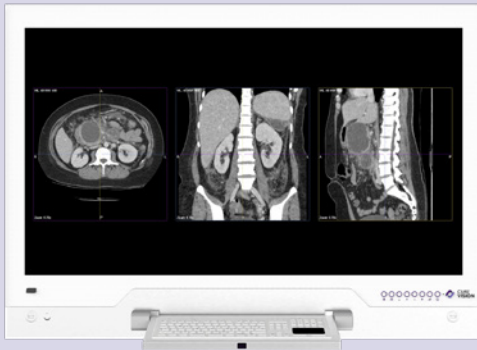
OR INTEGRATION SYSTEM CURECONSOLE

CURECONSOLE

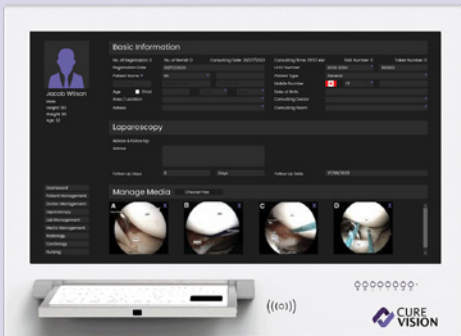
OR Console — Medical-Grade Windows PC, Inwall & Onwall

CURECONSOLE is a Windows-based medical-grade all-in-one PC purpose-built for the OR environment. Available in inwall and onwall configurations, it gives surgical teams direct access to PACS imaging, HIS records, and nurse station functions without leaving the OR — running standard clinical software on a certified, sterile-compliant platform.

49"



46"



17"



24"



Key Features

- **Windows-based medical PC**
runs standard hospital software natively — no proprietary OS
- **PACS & HIS access**
patient records, imaging, and clinical data available inside the OR
- **Barcode & RFID reader**
accurate patient identification and consumable tracking at the point of care
- **Antibacterial surfaces**
IP65-rated front panel, disinfectable with standard hospital agents
- **Modular design**
easily upgradeable; add RFID, webcam, Wi-Fi as needed
- **Continuous operation**
industrial-grade components rated for 24/7 clinical use

Models & Configuration

- 417 – 17" Compact Inwall – Minimal Wall Footprint
- 424 – Inwall — Space – Efficient OR Workstation
- 424A – Onwall Installation — No Structural Modification Required
- 46 – Full HD Inwall / Onwall – Large – Format OR Visibility
- 49 – 4K Inwall / Onwall – Maximum OR Visibility

All models

- Full HD or 4K display
- IPS panel, all-round viewing angle
- Integrated power supply
- DICOM calibrated D55 / D65 / D93

Fields of Application

- Operating Room
- Nurse Station
- ICU / Intermediate Care
- Intervention Area
- Recovery Room

Certifications

- MDR Class I
- IEC 60601-1
- IP65 Front Panel
- ISO 17025 Hygienic Design
- Antibacterial Surfaces

OR INTEGRATION SYSTEM CURELINK

CURELINK

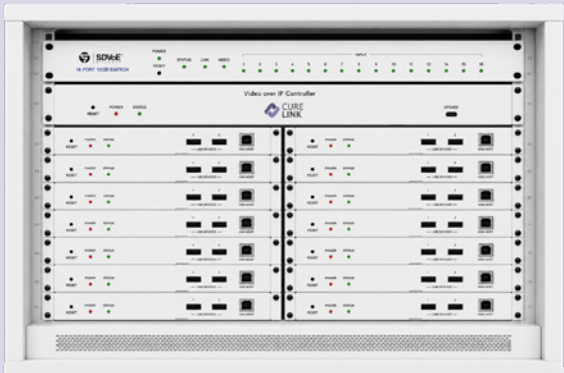
Surgical Recording, Digital Negatoscope & OR Telemedicine — Three-Layer System

CURELINK is not a single product — it is a three-layer integrated system covering the software platform that runs the OR, the hardware terminals that display and capture surgical content, and the network infrastructure that distributes 4K video across multiple OR rooms. Each layer is purpose-built; all three work as one.

49"



24"



LAYER 1 — SOFTWARE > CureLink OR Software Platform

OR Application	Windows desktop app — auto-starts at boot on the OR console. Displays up to 4 simultaneous surgical video channels (HDMI/SDI). Manages live recording, streaming, and HIS-linked patient data from a single screen.
Management Panel	Browser-based admin interface — no client installation required. Remote monitoring of all OR rooms, live broadcast access, video call management, user permissions (17 types), and operation records — from any networked device.
Platform Capabilities	4-channel simultaneous recording & streaming · HIS-linked patient-operation records · OSD text/image overlay · MultiView drag-and-drop · PACS-compatible export · 5 language support (EN, TR, ES, PL, FR)

LAYER 2 — HARDWARE TERMINALS > Choose Your Installation Format

GP49 Inwall / Onwall Series	49" 4K surgical imaging system. DICOM preset, up to 4-channel video input, RFID reader option, IP65 front panel. Runs OR Software natively.
GP46 Inwall / Onwall Series	46" Full HD surgical imaging system. DICOM preset option, up to 4-channel video input, IP65 front panel. Runs OR Software natively.
GP-424A Onwall Series	24" Full HD onwall surgical workstation with CureLink software. DICOM preset option, RFID reader option, IP65 front panel. Compact format for space-limited ORs, retrofit installations.
VPC-240C Series	24" fanless panel PC. Runs CureLink OR Software directly on-screen. Suitable for ORs, ICU, and nurse stations. IP65-rated, disinfection-ready device
CUREIQ Telemedicine Cart	Mobile configuration. Full CureLink capabilities without permanent installation — moves between ORs, procedure rooms, and clinical areas. Recording, PACS access, and live telemedicine wherever needed.

LAYER 3 — NETWORK INFRASTRUCTURE > Multi-OR Signal Distribution

4K Surgical Video Router	Routes 4K surgical video signals between multiple OR sources and displays. Central switching without signal degradation.
SDVoE Transceiver	Uncompressed 4K video distribution over standard 10G Ethernet. Near-zero latency — no proprietary cabling. Scales across OR rooms and floors.
Video Over IP Controller	Centralized management and routing of all video-over-IP streams across the facility. Hospital-wide surgical video distribution from a single control point.

OR INTEGRATION SYSTEM

ORC SERIES

ORC SERIES

OR Control Panel — Complete Environmental & Systems Management

The ORC Series is the centralized command panel for the operating room environment. Mounted directly inside the OR, it consolidates monitoring and control of all environmental systems, safety infrastructure, surgical equipment, and communication into a single capacitive touchscreen — eliminating the need for separate controls, external systems, or manual adjustments mid-procedure.

17"

19"



21"



Key Features

- **HVAC & air handling**
airflow, half-damper, economic standby — real-time temp, humidity, and differential pressure
- **Medical gas alarm**
continuous monitoring of all OR gas lines with audible and visual alerts on pressure deviation
- **Isolation power**
monitoring real-time leakage, temperature, and current breach detection with alarm system
- **Surgical light control**
adjusts surgical lights and 4 independent armature groups with individual dimmers
- **Anesthetic gas purging**
controlled purging system with status monitoring
- **Hands-free video**
intercom communication with any hospital department without leaving the OR
- **Digital negatoscope**
control integrated management of digital x-ray viewing
- **OR audio & music**
system room audio management for surgical environment comfort
- **Digital clock & chronometer**
procedure timer displayed on-screen for critical phase timekeeping
- **Trend graphs & archiving**
historical parameter data for compliance documentation and regulatory reporting
- **BMS integration**
connects to Building Management System for facility-wide coordination

Models & Configuration

- **ORC-417** — 17" resistive touch
- **ORC-419** — 19" resistive touch
- **ORC-421** — 21" capacitive touch

All models

- IP65 front panel
- Slim Radial Fan
- Password-protected access levels
- Flush wall installation
- Disinfectable with hospital agents

Fields of Application

- Operating Room
- Intervention Area
- Hybrid OR
- Clean Room

Certifications

- MDR Class I
- IEC 60601-1
- IP65 Front Panel
- BMS Compatible
- Hygienic Design Approved

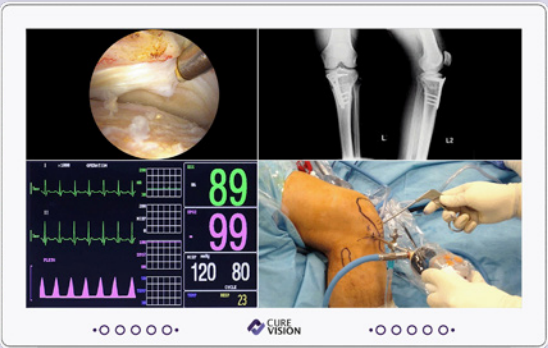
OR INTEGRATION SYSTEM

SM-320

SM-320

Surgical Monitor — High-Definition OR Display

The SM-320 is a 32-inch Full HD medical-grade surgical monitor designed to extend the OR imaging environment — displaying mirrored or independent images from any connected OR video source, including CureLink, CureConsole, endoscopy systems, patient monitoring, or surgical cameras.



Key Features

• **Full HD Display — OR-Grade Clarity**
32-inch Full HD medical display delivers sharp, consistent imaging for surgical video, endoscopy feeds, and patient data — visible to every team member in the OR without repositioning or screen sharing.

• **Image Cloning & Multi-Source Display**
Mirrors or independently displays images from any connected OR video source — CureLink, CureConsole, endoscopy systems, patient monitoring, or surgical cameras.

• **Full-Featured Image Control**
Comprehensive image adjustment controls allow brightness, contrast, and display parameters to be fine-tuned directly on the SM-320 — independently of the source system.

• **VESA compatible flexible**
mounting for ceiling arms, booms, or wall brackets

Models & Configuration

• **SM-320** — 32" Full HD

Inputs

• Multisource

Fields of Application

- Operating Room
- Radiology
- Endoscopy Suite
- Microscopy
- Intensive Care

OR INTEGRATION SYSTEM

CUREIQ AI

CUREIQ AI

AI-Powered Surgical Assistant — Voice Control, Auto Documentation & Real-Time Support



CUREIQ AI is CureVision's surgical intelligence layer — combining speech models, vision models, and large language models trained specifically on surgical workflows. It operates in the background of the OR, giving surgical teams a real-time digital assistant that transcribes, documents, monitors, and supports without taking control away from the surgeon. All processing runs on-premise: no data leaves the hospital.



Key Features

- **Voice-activated OR**
control hands-free management of OR systems in any language — sterile field never compromised
- **AI-generated post-op**
reports automated procedure documentation from live data or recorded surgical video
- **Real-time live monitoring**
watches procedure progress, interprets surgical context, and flags anomalies as they occur
- **Procedure-specific AI training**
models trained on surgical workflows not generic data — for contextual accuracy
- **On-premise processing**
no external data transfer; full GDPR and HIPAA compliance by architecture
- **HIS, PACS & device integration**
connects to existing hospital infrastructure; no proprietary lock-in
- **Multilingual capability**
supports multinational surgical teams and international deployments
- **Surgical stage tracking**
automatically labels pre-op, intra-op, and post-op phases in real time — structuring captured data for accurate documentation
- **Draft epicrisis & operative report generation**
complete clinical documentation auto-generated at procedure end, ready for surgeon review and approval — no manual reconstruction
- **Clinical validation**
pilot deployment in progress with Akdeniz University Hospital

- **OR workflow analytics & bottleneck detection**
identifies delays, utilization gaps, and variation patterns across procedures giving OR managers actionable efficiency data without manual collection
- **Quality benchmarking & outcome tracking**
structured timestamped data for every procedure supports accreditation, value-based care reporting, and surgical improvement programs

Models & Configuration

- **CUREIQ AI — Software Platform**

Deployment

- On-premise
- Cloud-ready option available

AI Models

- Speech (voice transcription)
- Vision (live video analysis)
- LLM (report generation)

Integration

- HIS, PACS, CURELINK, IoT devices

Fields of Application

- Operating Room
- Robotic Surgery
- Hybrid OR
- Medical Education
- Post-Op Workflow

Certifications

- GDPR Compliant
- HIPAA Compliant
- On-Premise Architecture
- MDR Class I (platform)
- Clinical Validation Ongoing

THE INTEGRATED SYSTEM

Why It Works Together

The real advantage of CureVision is not any single product — it is the integration. When CURECONSOLE, CURELINK, ORC, SM-320, and CUREIQ AI operate as one certified platform, they eliminate the friction that multi-vendor environments create.

Surgical data flows automatically between components. Environmental parameters monitored and displayed directly on the ORC panel. AI-generated reports pull from CURELINK recordings without manual export. There are no compatibility gaps, no conflicting support contracts, and no integration projects to manage after go-live.

- **One vendor, one support contract** — no split accountability when something needs fixing
- **Shared data layer** — patient records, imaging, recording, and AI documentation linked to every operation
- **Scales across ORs and campuses** — add components without re-engineering infrastructure
- **Works with existing HIS & PACS** — API integration, no proprietary lock-in, no rewiring
- **CUREIQ AI adds to existing CURELINK** — no hardware replacement required
- **Modular deployment** — room by room, wing by wing — at your pace

Starting with two ORs and expanding later? Inwall installation not structurally possible? Existing HIS already in place? CureVision is configured around your constraints — not despite them.

A System in Action

During a laparoscopic procedure, the surgical team operates in a fully controlled environment — temperature, airflow, and gas levels monitored in real time on the ORC panel. The surgeon views endoscopy, PACS imaging, and patient vitals simultaneously on the GP-449 — without leaving the sterile field. At the nurse station, the scrub nurse tracks instruments and consumables from the GP-424. CURELINK records all four video channels automatically, tagged to the patient record. A remote specialist joins live via the Management Panel, reviews the surgical feed in real time, and consults without entering the OR. CUREIQ AI transcribes the procedure and generates the post-op report before the team leaves the OR.

Compatible with existing HIS, PACS, and DICOM infrastructure — no full system replacement required. Modular by design: deploy room by room, at your own pace.

COMPLIANCE & CERTIFICATIONS

Every CureVision OR product ships with complete regulatory documentation. Your procurement, biomedical, and legal teams can approve with confidence — one vendor, one compliance package, no gaps.



MDR Class I

Certified



**IEC 60601-1
IEC 60601-1-2**

Compliant



GDPR & HIPAA

CUREIQ AI



IP65

All Models



In-House Mfg.

End-to-End



Est. 1994

30+ Years

- **OR Environmental Conditions Approved** — all products
- **ISO 17025 Hygienic Design** — CURECONSOLE & ORC series
- **BMS Integration Certified** — ORC Series

- **Clinical Validation Ongoing** — Akdeniz University Hospital — CUREIQ AI
- **DICOM Preset Capable** — CURELINK GP series & SM-320
- **PACS & HIS Compatible** — all system components



WHO THIS IS FOR

Hospitals & Surgical Centers

Eliminate multi-vendor complexity. One certified platform covers every OR layer — one integration, one support contract, one compliance package. Scales room by room without infrastructure overhaul.

Surgeons & Medical Specialists

Full access to PACS imaging, HIS records, and patient history without leaving the sterile field. Voice-activated documentation keeps hands free. AI-assisted reporting eliminates post-op paperwork.

Surgical Nurses

Automated documentation and centralized controls reduce room setup time between procedures. Fewer verbal handoffs, single interface for all patient data, quieter and more focused OR environment.

Perioperative & OR Management

Automated documentation and real-time coordination reduce OR turnover time between procedures. Barcode & RFID instrument tracking generates audit-ready traceability records without manual logging. Unified platform connects surgeons, nurses, anesthesia, and coordinators — everyone works from the same system.

IT & Biomedical Teams

Integrates with existing HIS, PACS, and DICOM infrastructure via API — no rewiring, no proprietary lock-in. Modular, low-maintenance architecture with full local and remote support options.

Healthcare Risk & Compliance

Complete surgical video archives for audit, oversight, and medico-legal documentation. On-premise data processing for CUREIQ AI. Full regulatory documentation from a single vendor.



Ready to Transform Your OR?

Request a demo tailored to your OR environment, surgical specialties, and HIS infrastructure.

curevision.ca