ONE World

Unifying Technologies, Enterprise Scale

OR1
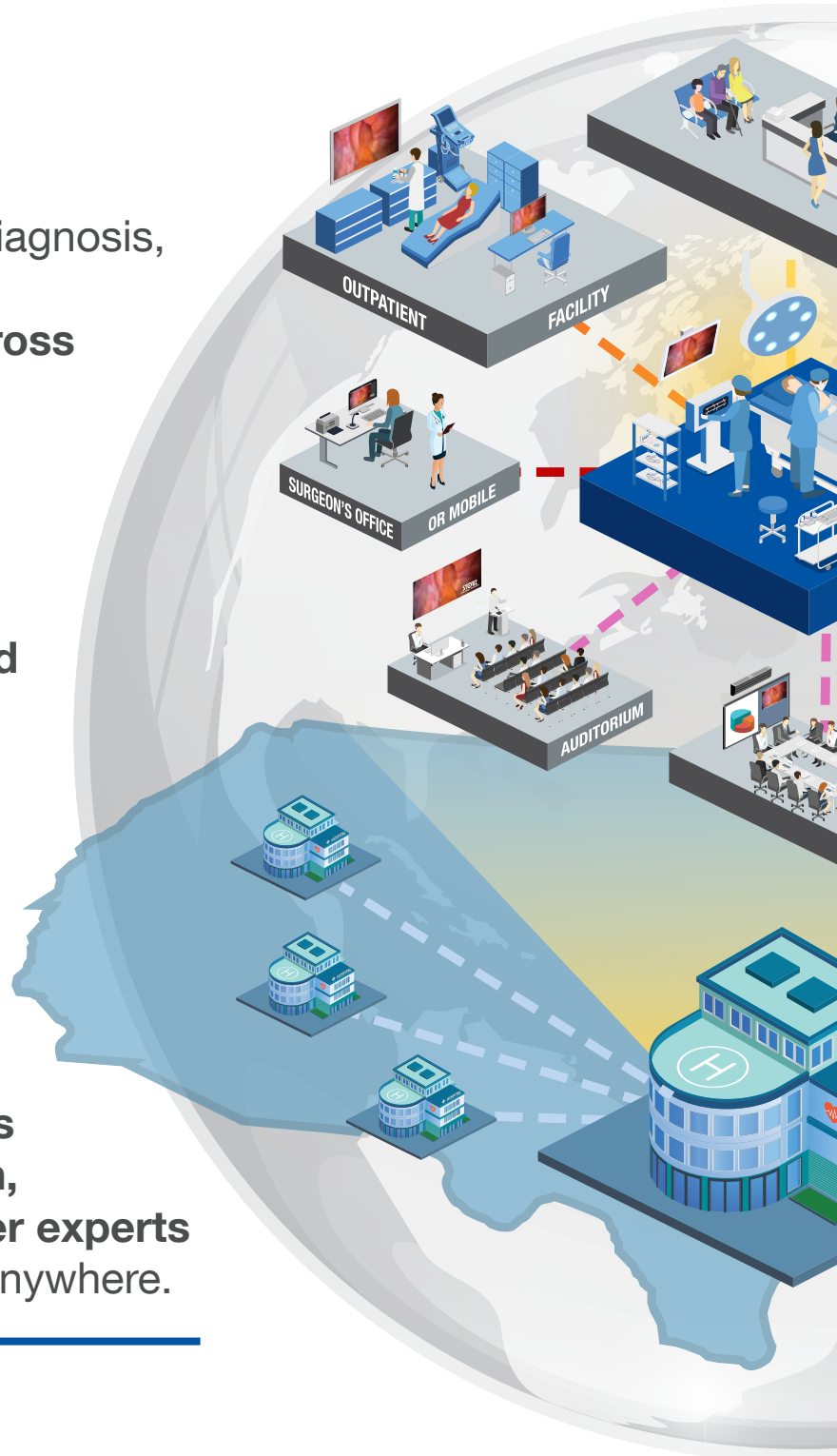
KARL STORZ—ENDOSKOPE

STORZ

KARL STORZ—ENDOSKOPE

ONE World

The Problem

Your patients require diagnosis, treatment, and care at **multiple locations across your enterprise.**

You need **standardized care and process** for consistent and optimal outcomes.

Doctors require **access to clinical information, visualization and other experts** on demand and from anywhere.
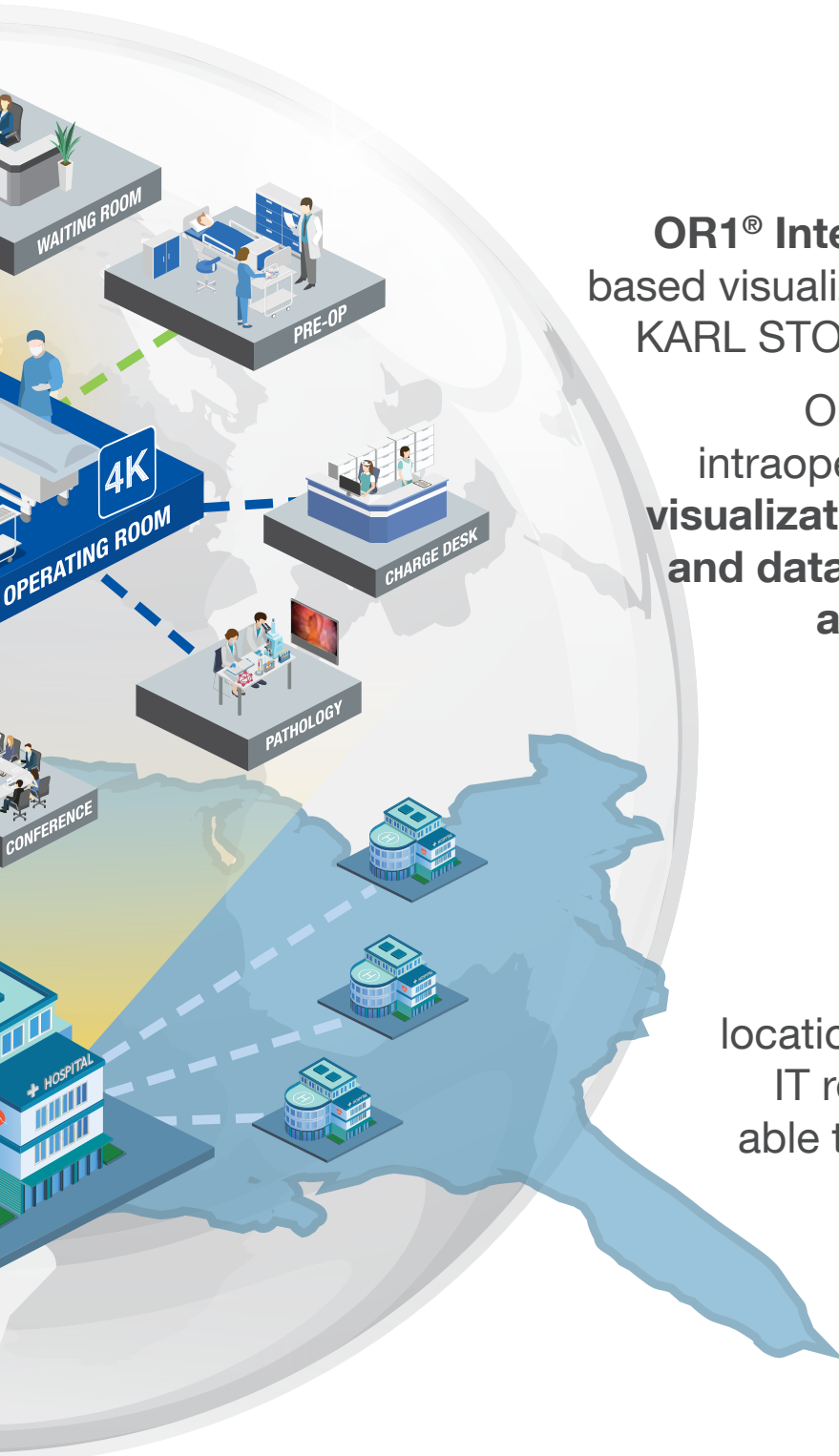
Unifying Technologies, Enterprise Scale

The Solution

OR1® Integration is the network based visualization backbone of the KARL STORZ enterprise solution.

OR1® not only integrates intraoperatively, but **connects visualization, communications, and data management across all operative locations.**

By connecting these locations and utilizing shared IT resources, hospitals are able to **minimize costs and standardize care delivery processes.**

WAITING ROOM

PRE-OP

4K

OPERATING ROOM

CHARGE DESK

PATHOLOGY

CONFERENCE

+ HOSPITAL

Your World:

Mastering

Enterprise Efficiency

Realize maximum efficiency and care coordination across office, clinic, and operative care locations by leveraging shared IT resources, care processes, and equipment standardization.

$1.5M

Average HIPAA Fine

Reduce Risk

In 2019, the **average HIPAA fine was $1.5M**. Forget about portable USB's in the OR. Secure patient data with an EHR integrated content management system.

Justify Spend

Knowing the utilization of surgical devices helps you justify (or not) replacement. Manage more than just KARL STORZ devices with **vendor agnostic device tracking and utilization.**

50%

of hospitals have negative margins*

*Kaufman, Hall & Associates, The Effect of COVID-19 on Hospital Financial Health, July 2020

Integrated

Your KPI's

21%
Shortfall of Surgeons

Empower Education

It's predicted by **2050**, there will be a **21% shortfall** in the surgeon workforce.* Be part of the solution with technology that empowers remote education.

Journal of Surgery, Volume 164, Issue 4, 2018, 726-732

Reduce Spend

Integration is an initial capital purchase plus 5-8 years of service and maintenance. KARL STORZ's total cost of ownership is **14% less according to 3rd party data sources.***

14%
Less than Competitors*

ECRI Market Intelligence Report —OR Integration Systems, Q3 2020

97%
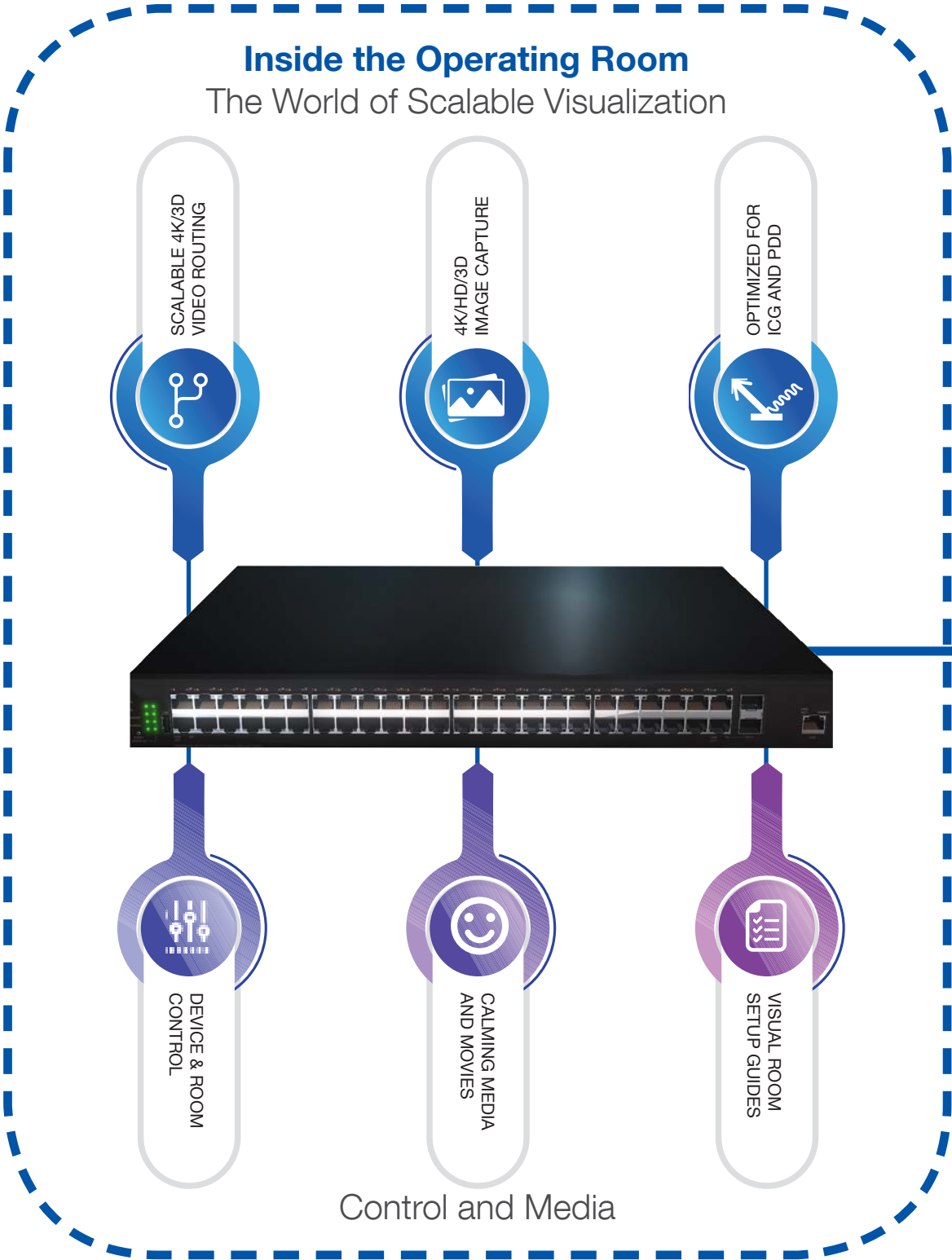**of participants had lower anxiety**

Improve Satisfaction

97% of participants in a recent clinical study reported that **receiving text messages on surgical status reduces anxiety.***
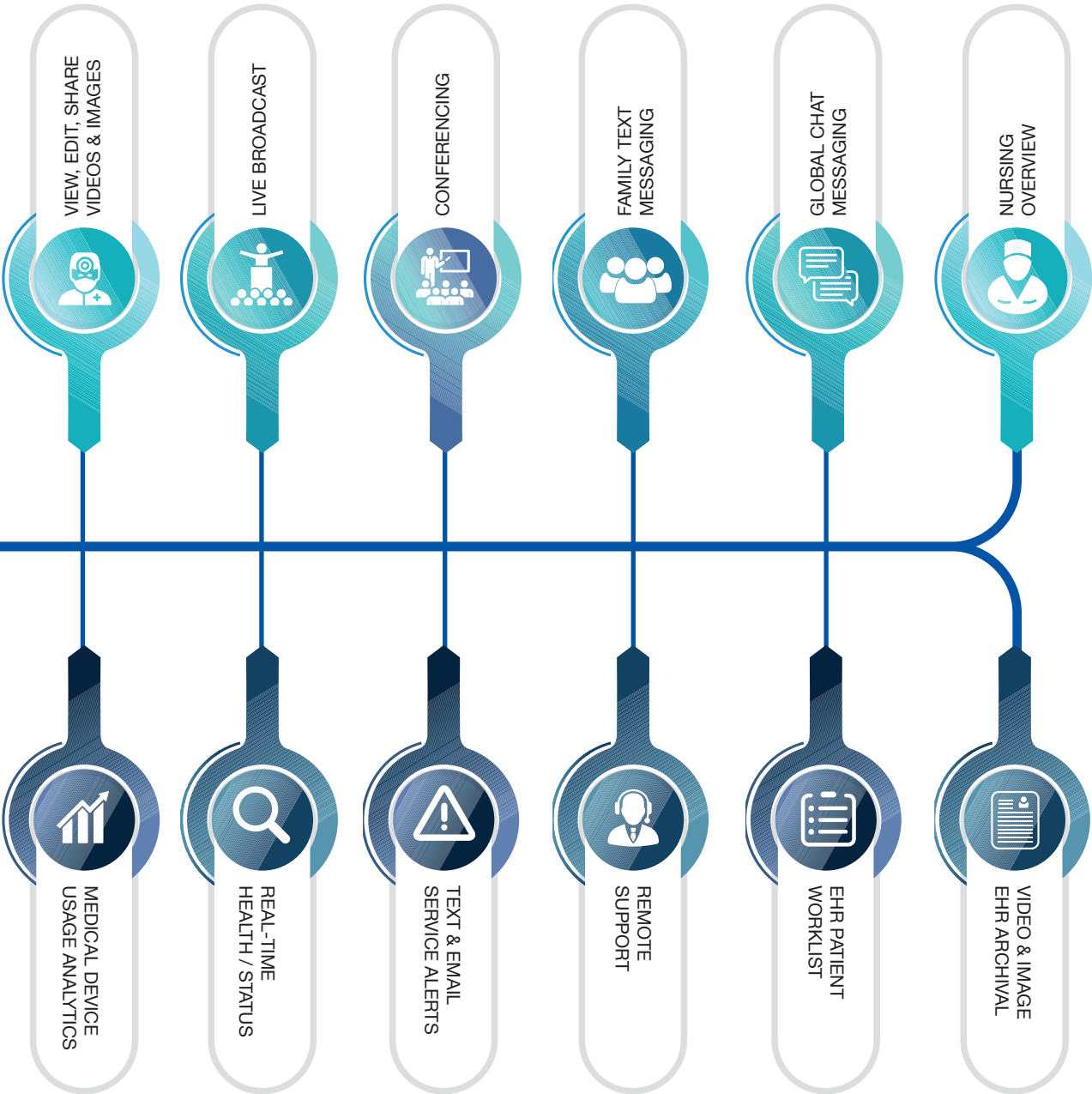
Huang F, Liu SC, Shih SM, et al. Reducing the anxiety of surgical patient's families access short message service. AMIA Annu Symp Proc. https://www.ncbi.nlm.nih.gov/pmc/articles/ PMC1839580/

Inside the Operating Room
The World of Scalable Visualization

SCALABLE 4K/3D VIDEO ROUTING

4K/HD/3D IMAGE CAPTURE

OPTIMIZED FOR ICG AND PDD

DEVICE & ROOM CONTROL

CALMING MEDIA AND MOVIES

VISUAL ROOM SETUP GUIDES

Control and Media

CYBERSECURITY BY DESIGN

Outside the Operating Room
The World of Collaboration

- VIEW, EDIT, SHARE VIDEOS & IMAGES
- LIVE BROADCAST
- CONFERENCING
- FAMILY TEXT MESSAGING
- GLOBAL CHAT MESSAGING
- NURSING OVERVIEW

- MEDICAL DEVICE USAGE ANALYTICS
- REAL-TIME HEALTH / STATUS
- TEXT & EMAIL SERVICE ALERTS
- REMOTE SUPPORT
- EHR PATIENT WORKLIST
- VIDEO & IMAGE EHR ARCHIVAL

The World of Data Modules

CYBERSECURITY BY DESIGN

WHAT
DEVICES

CRE
ONE W

AND
SOFTWARE

EATE
ORLD?

OR1® NEO® IP Integration

Network-based integration solution that features a scalable 4K visualization backbone, designed for any operative space.

Enterprise communications, data management, analytics and patient satisfaction modules scale to each operative suite's needs.

OR1® StreamConnect® Software

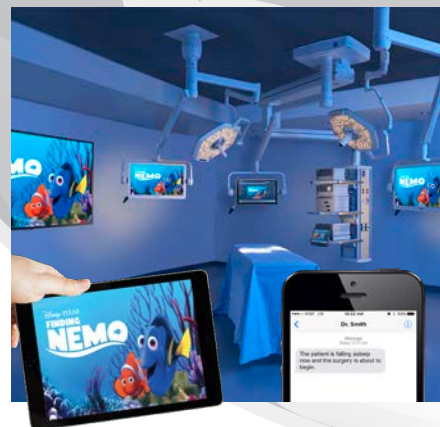KARL STORZ network services software featuring 7 modular applications in one implementation.

- Video on Demand
- EHR/PACS Interfacing
- Live Streaming
- Video Conferencing
- Nursing Overview
- Biomed Dashboard
- Device Utilization

OR1® ComfortOR1 Software

Network/cloud service featuring two modular patient experience apps:

- Instant communication with the patient's family through a multi-lingual text message application

- Patients watch the latest movies through their entire surgical journey from check-in to recovery

Featuring first run Hollywood movies.

OR1® CollaboratOR

Network connected interactive touch display that accesses data for efficient room setup, multi-windowing of live imaging, and embedded web conferencing (Zoom, Teams, Webex, Blue Jeans) for enterprise or global broad-casting.

AIDA® Bella Image Capture

Network connected 4K dual channel image capture and video recording. Built for the hospital and ASC with features like voice control, annotation, network archiving, optional EHR integration and the advanced cybersecurity controls based on NIST SP 800-53.

TELE PACK+ Compact Endoscopy System

Network connected all-in-one office and clinic video imaging system designed for endoscopic diagnosis and treatment, with built-in image capture, optional EHR integration and a full line of rigid & flexible endoscopes.

More than
75
Years

*Shaping the Future
of Endoscopy with you*

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STORZ
KARL STORZ—ENDOSKOPE

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