

## Knowledge Exchange System

An endoscope reprocessing record and image management enterprise solution.



# What is the Olympus Knowledge Exchange (KE) System?

**KE is a next generation software platform offering facilities centralized reprocessing record and image management through expanded connectivity of Olympus devices.**

The KE modular platform is built around standard communication protocols HL7 and DICOM which provide interoperability with most modern EMR, RIS and PAC systems.

When the KE communication and reprocessing management modules are used together, patient and procedure data flows seamlessly between the procedure and reprocessing rooms.



## In the Procedure Room

### ■ Streamlined data entry

The KE system streamlines error prone keyboard and mouse data entry by allowing users to use an easy search function in the Olympus CV-190 interface. Users can save time and reduce data entry errors by retrieving exam and patient information from their RIS or EMR system(s) with the KE HL7 or DICOM modules.

### ■ Unmatched image quality

With propriety knowledge of the Olympus CV-190 video processor, KE HL7 and KE DICOM offers the ability to transfer procedure images to a PAC or EMR system at the highest resolution available.



## In the Reprocessing Room

### ■ Quality reprocessing outcomes start with quality data

The KE Reprocessing Management Module (KE RMM) is critical to achieving quality outcomes in the reprocessing room. An OER-Pro outfitted with KE RMM offers users the technology to electronically track reprocessing outcomes and identify quality issues that can adversely affect patient safety.

### ■ Demonstrate a commitment to reprocessing compliance

The KE RMM data architecture makes merging patient, procedural and reprocessing records possible. By merging this disparate data together, KE RMM allows users to demonstrate compliance with regulatory and accreditation agency standards.

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