

### BRINGING ALL THE DETAILS TOGETHER

4K and 3D Integration – Prepare to be Amazed



# PREPARE TO BE AMAZED

Olympus 4K and 3D imaging systems sit at the forefront of surgical imaging, offering amazing visibility and outcomes. Yet achieving such incredible detail brings a need to manage, integrate, and share a large amount of data, both inside and outside the operating room (OR).

### Get Connected with Olympus 4K and 3D Integration

With Olympus 4K and 3D integration, there is all the state-of-the-art equipment available to do the following:

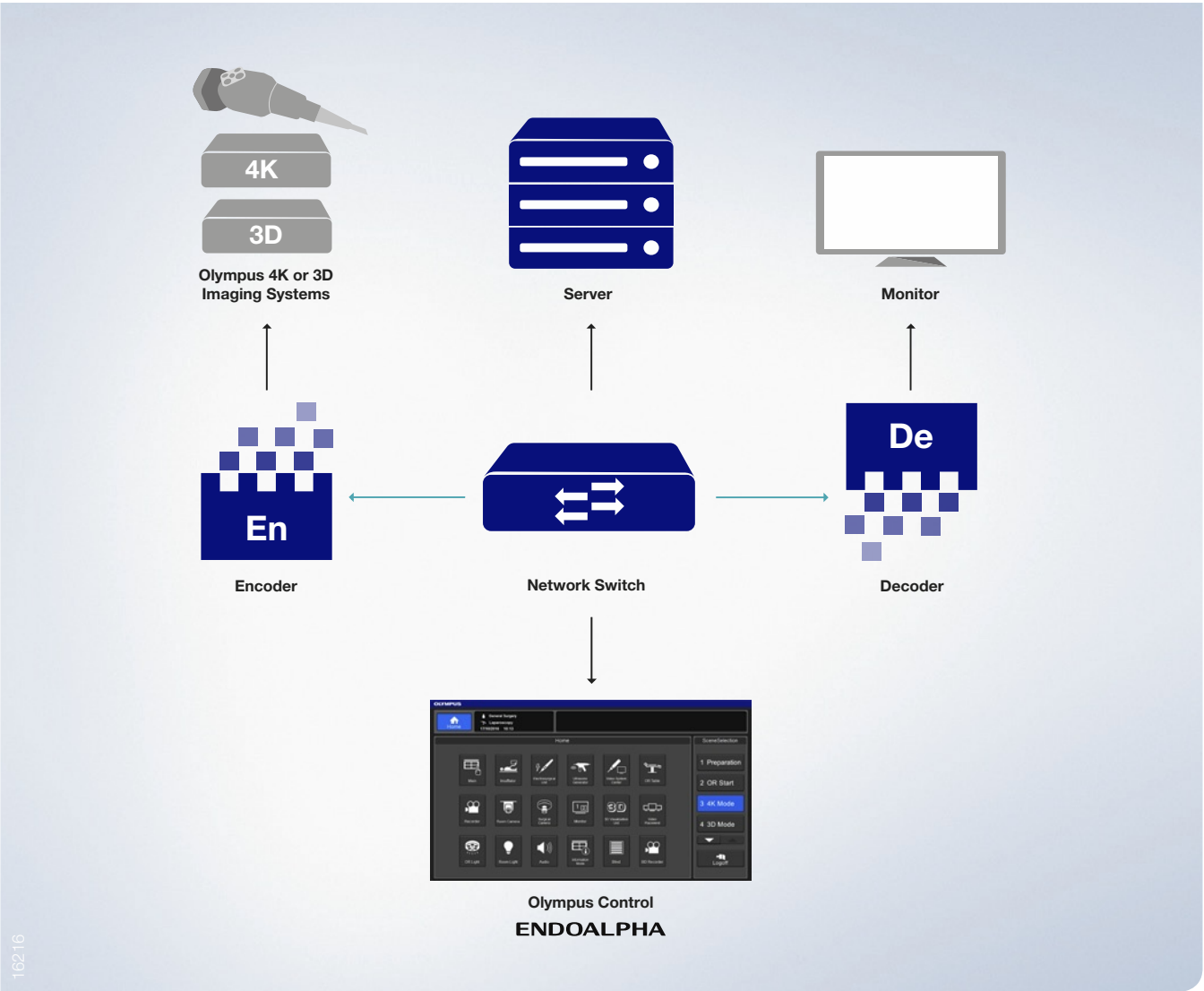
- Handle high-quality images and videos, now and in the future
- Improve OR efficiency
- Collaborate and teach within and beyond the OR

### Olympus Imaging with Olympus ENDOALPHA

ENDOALPHA, our latest state-of-the-art control and video management solution, already incorporates 4K and 3D devices for intuitive and seamless integration. This allows simplification of the workflow in the entire OR, while accessing, recording, and streaming images and videos all around the hospital at the very moment they are required.



### Connecting ORs to the Future



— Optical Cable  
— Standard Video Cable

When choosing all the amazing benefits of Olympus 4K and 3D integration, prepare to be amazed.



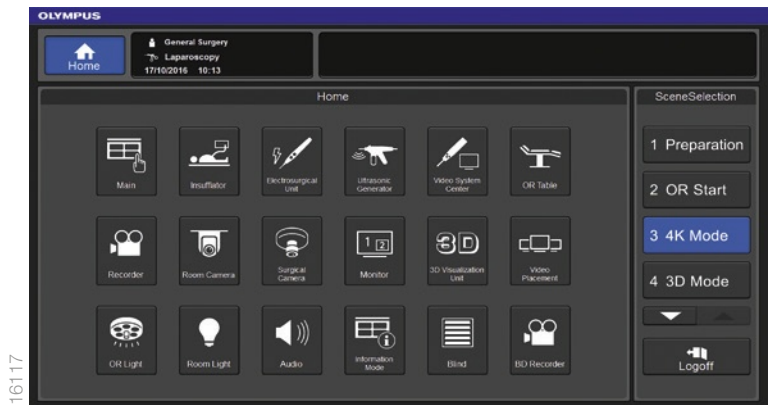
# BRING EVERY LITTLE DETAIL TOGETHER

## ENDOALPHA Provides Intuitive Solutions That Help OR Staff Stay in Control of the OR.

### Simple, Touch-Screen Navigation

The ENDOALPHA HomeScreen heralds a new era for convenient, intuitive OR control:

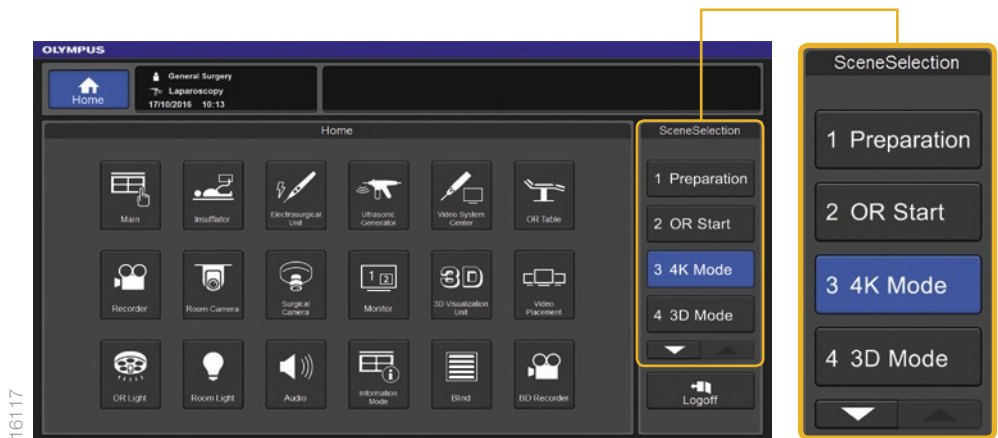
- Harmonizes all OR hardware and software
- SmartGuide navigation allows staff to rotate in and out without any cumbersome setup time or need for extensive training
- Share and record video
- Take control of all OR devices



### Intuitive and Fast Control

Integrate the entire OR with 4K and 3D imaging:

- SceneSelection allows easy preset and procedure selection, which improves operation time, reduces stress, and limits errors
- Easy switch between 4K, 3D, and HD
- Touch screen and voice control for direct control of settings out of the surgical field
- Flexible control of sterile and/or nonsterile areas, including devices such as insufflators, electrosurgical generators, video processors, or surgical lights, and tables



### Simple Video Management

Transforming ORs into multimedia hubs:

- Record and stream videos to improve collaboration and teaching throughout the hospital
- Adapts to the needs of OR staff: choose the features required, safe in the knowledge additional ones can be added later





# CONNECT SO MUCH MORE WITH SO MUCH LESS

## Flexibility Made Simple

More details and more data often mean a need for more of everything. But Olympus 4K and 3D integration requires a lot less than expected – less cabling, less space, and less confusion. In fact, Olympus integration requires just one type of cable per device and, through ENDOALPHA, just one moment to plug it in.

## Connect More – Plug and Play

Olympus integration utilizes Smart Detection, so new equipment is recognized the moment it is attached.

- No manual setup required because the ENDOALPHA system automatically detects the equipment and sends the right signal

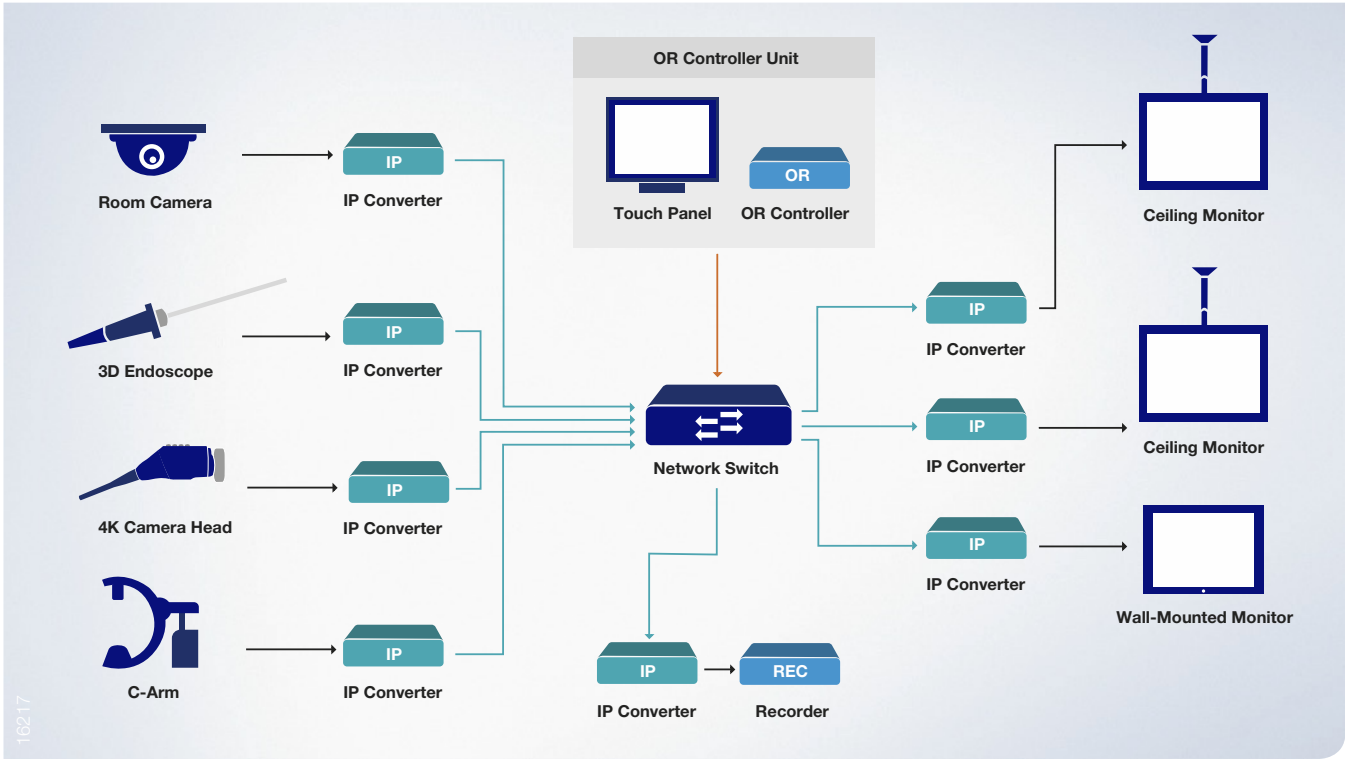
## Connect Less – One for All

Incorporating fiber-optic cables allows the following:

- A higher bandwidth to transfer more information faster
- Connection over longer distances to integrate more systems
- Future-proofing by being prepared for state-of-the-art 4K and 3D imaging systems
- More space in boom arms to integrate more equipment

## Galvanic Isolation of Cables

- Reduces interference and cross talk removing the risk of screen freezes and data loss



# BRINGING ALL THE DETAILS TOGETHER

## **Prepare to Amaze**

Combining Olympus 4K and 3D imaging systems with ENDOALPHA offers advantages beyond the OR, benefiting everyone from colleagues and students to biomedical specialists, technicians, and management personnel.

## **No Need to Scrub Out**

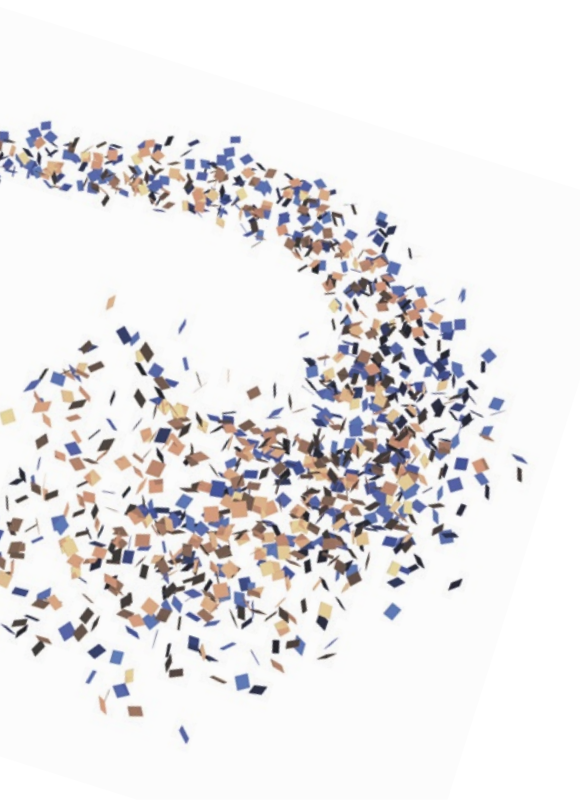
With HD imaging streamed live around the hospital and the opportunity for bidirectional communication, cases can be discussed with colleagues without anyone having to scrub in or out.

## **Improve Training**

Allow colleagues and students to watch live streams from the comfort of a lecture hall, or record video and store images for training at a later date.

## **Our Help from Design to Installation**

Olympus ENDOALPHA provides a range of products and services to help hospitals achieve state-of-the-art ORs. Contact us today to see how we can help.



Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

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