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[www.or-tv.net](http://www.or-tv.net)

ornetworks 

**OR Networks are exclusive distributors for:**

National Display Monitors Inc.  
ITD (gmbh) medical carts

**And specialist medical distributors for:**

Vbrick Systems Inc.  
Crestron Electronics  
Sony Medical

**ORTV is installed in nearly 100 UK hospitals, recent UK projects include:**

Wrightington Hospital  
St Mary's Hospital  
Royal Bournemouth Hospital  
Hexham General Hospital  
North Tyneside General Hospital  
Wansbeck Hospital  
Walsall Manor Hospital  
John Radcliffe Hospital  
BMI Group  
St Cross Hospital

**ORTV is installed in the following European hospitals:**

Casa di Cura -Fratte Sole, Florence  
Ospedale Silvestrini - Perugia  
Clinique Chirurgicale Merignac - France  
Casa di Cura - Civitanova Marche  
Keil - Germany  
Avidovre Hospital - Copenhagen  
Palermo - Italy  
Maria Middelaes - Deurne  
Clinique General - Annecy - France

**ORTV is also installed in the Entabini Hospital - South Africa**

'...possibly the world's leading  
theatre communications network'

# whatwedo

OR Networks offers a suite of high-quality video and communication tools enabling surgeons to view all aspects of a procedure in the operating theatre and share them live and interactively at the touch of a button.

Designed by specialist broadcast engineers and leading surgeons, **OR Networks** systems are now installed in hospitals throughout the world.

**ORTV** enables monitors to be placed in the sterile field or around the theatre to display any image the surgeon wishes, whether endoscopic, x-ray, PACs, EPR, pathology or patient monitoring.

The images to be displayed on each monitor are selected by pressing an icon button on the **ORTV** touch panel.

**Virtual Stack** incorporates touch-panel controls for additional devices such as zoom cameras, surgical operating lights, tables and laminar airflow systems.

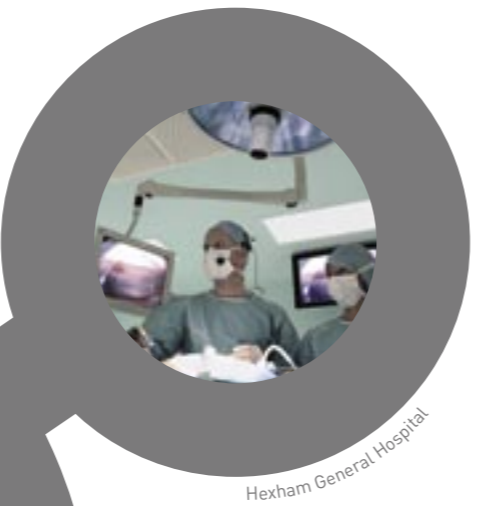
“The levels of service and attention to detail were so well performed by OR Networks that the distance from the UK was no obstacle. We look forward to upgrading our remaining two theatres to the same standard”

**Andrew Baker MBChB, FRCS (Orth), FCS (Orth) SA**  
Entabeni and Albert Lethuli Hospitals  
Durban, South Africa



# howitworks

**OR Cast** is a unique system that enables surgical teams in different locations to instantly communicate with each other during surgical procedures or to delegates and trainees in remote lecture theatres.



Hexham General Hospital



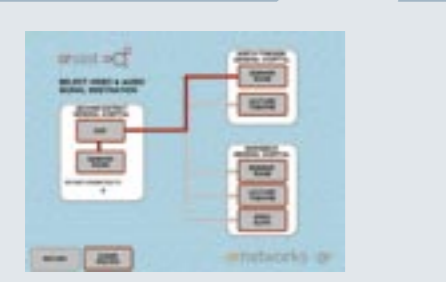
Crystal-clear images can be transmitted from the operating theatre to a nearby room, educational facility or another hospital thousands of miles away, whilst, with equal clarity, the surgeon can discuss the procedure with the remote viewer as if they were standing by their side.

Specialist in-theatre medical video equipment enables an entire procedure or key moments to be captured on digital video recorders, still recorders and video printers, providing the best possible images for use in training.

**OR Networks** provides comprehensive on-site learning.

“OR Networks has installed a superb communications facility into our network of operating theatres at three hospitals. This allows us to provide telementoring, telepresence teaching and integrate our training courses with live operative tuition on multiple sites ”

**Stephen Attwood MCh, FRCS, FRCSI**  
Clinical Director for General Surgery  
Northumbria Healthcare Trust

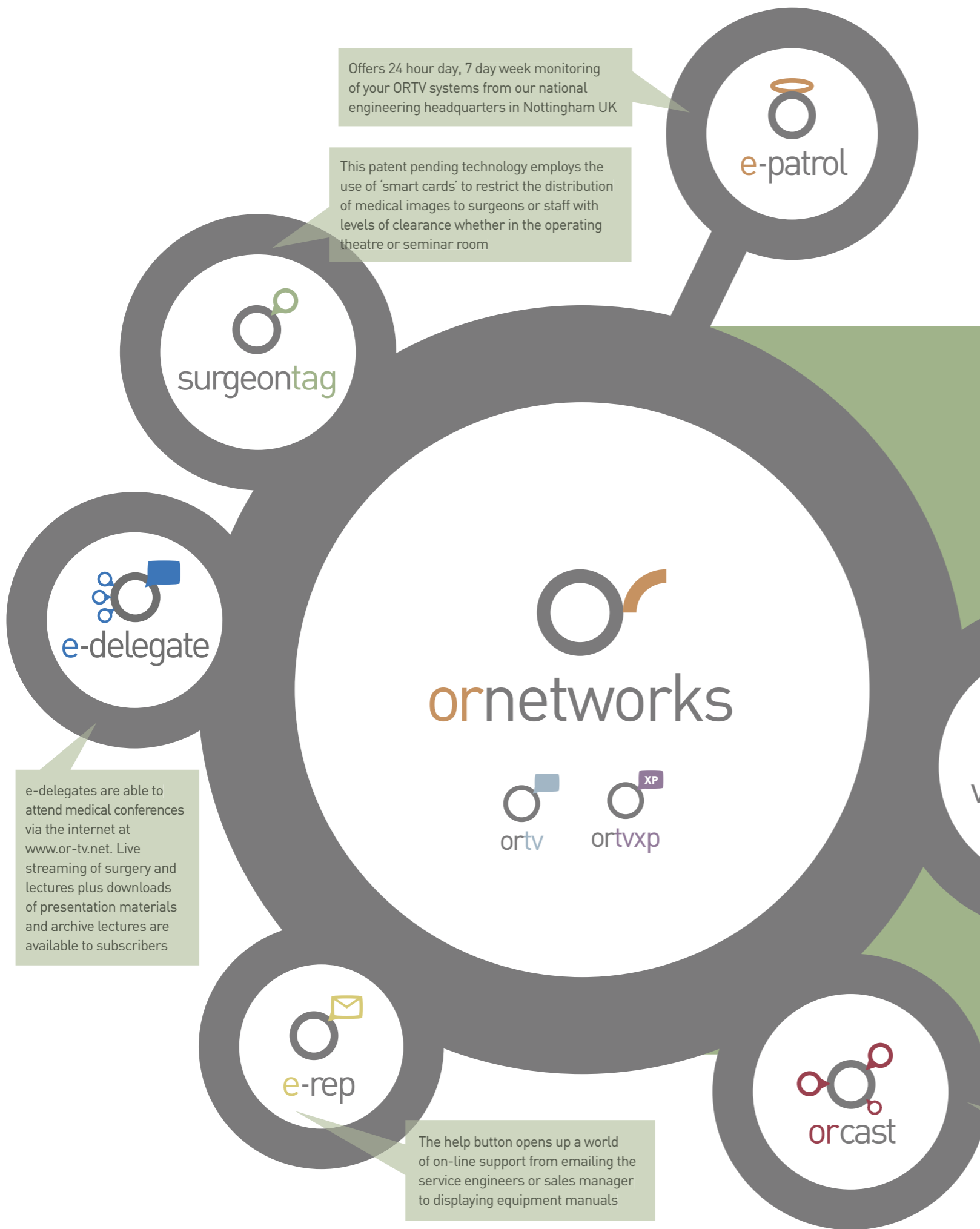


Surgeons operating here have the freedom to observe any medical image on any monitor and to record key moments on video clips or stills. In teaching applications, the surgeon is in two way audio contact with a group of delegates in a remote lecture theatre



Delegates or trainees in a local lecture theatre or thousands of miles away, can watch the entire procedure live, whilst having the opportunity to discuss aspects of the case with the surgeon interactively





Offers 24 hour day, 7 day week monitoring of your ORTV systems from our national engineering headquarters in Nottingham UK

This patent pending technology employs the use of 'smart cards' to restrict the distribution of medical images to surgeons or staff with levels of clearance whether in the operating theatre or seminar room

e-delegates are able to attend medical conferences via the internet at [www.or-tv.net](http://www.or-tv.net). Live streaming of surgery and lectures plus downloads of presentation materials and archive lectures are available to subscribers

The help button opens up a world of on-line support from emailing the service engineers or sales manager to displaying equipment manuals

This feature allows the user to control surgical equipment, such as operating tables, lights, surgical cameras and laminar airflow systems, subject to suitable control ports

A permanent installation, seamlessly integrated into the hospital infrastructure enabling distribution of video and audio from numerous operating rooms to lecture theatres locally or world-wide

## ourphilosophy

OR Networks' philosophy is simple: to allow surgeons to view on flat panel video monitors any image they wish to see, at the highest quality, enabling surgeons to share this image with other people, live and interactively, at the touch of a button.

All modern theatres demand high efficiency and minimum disruption. **OR Networks** has developed two new tools to assist in the smooth running of the operating theatre:

**e-rep**, which offers instant on-line help and support to any member of staff.

**e-patrol** a 24/7 monitoring system providing up-to-the-minute status reports on theatre systems to **OR Networks'** UK engineering headquarters based in Nottingham.

Security is an issue that **OR Networks** takes seriously, particularly with the proliferation of Internet use and wi-fi LANS and the system's ability to display and record confidential data, images and video clips.

Its patented **surgeontag** is a unique smart card based system that locks out unauthorised users, preventing unwanted viewing, recording or distribution of confidential information.

Each surgeon carries an individual **surgeontag** card, which can have customised settings for the theatre arrangement and pre-sets for equipment and monitoring.

"We have worked closely with OR Networks for many years and as our audio-visual partners, they have enabled us to deliver high quality solutions in the operating theatre"

**Serge Exshaw**  
Managing Director Maquet Limited

