



## PRESS RELEASE

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# Axis Cameras Aid Medical Training

**Axis Communications, the global leader in the network video market, and leading surveillance solutions provider Cybertronix, have installed an IP-surveillance system in a brand new education suite at the Royal United Hospital in Bath.**

The hospital provides acute treatment and care for a catchment population of around 500,000 people. The simulation suite, which features a state-of-the-art mannequin, will be used to train both hospital staff and external medical professionals to deal with specific scenarios.

Dr Mark Tooley, consultant clinical scientist and head of medical physics at the hospital, brought in Axis partner Cybertronix to design a bespoke system and software which would allow trainees to view and analyse procedures taking place.

Ionet Systems installed three AXIS 212 PTZ Network Cameras, which give a full overview, with one-click pan/tilt/zoom functionality, in the suite itself and a further one in the adjoining teaching ward.

Software designer and system specifier, Stuart Box of Cybertronix, explained: "IP offers improved quality and flexibility, and is a far more cost effective solution than using traditional motorised dome cameras when installing an audio video facility.

"We were able to create a bespoke solution which met the hospital's specifications. The result is a user-friendly, easy to operate system which produces high quality images, and allows lecturers to quickly and easily refer to identified incidents, without having to scroll back through the footage."

Students can view live feeds in the debrief room or watch back, zoom in on and analyse their reactions in previously recorded simulations.

The whole system, including the mannequin, which is attached to a monitor and can be programmed to show body signals including pulse and breathing, is controlled from an observation room. The operator controls the three cameras, selecting which image will be projected into the debrief area and marks any salient points in the procedure using bespoke Cybertronix Software which in turn uses the Axis' freely available software development kit (SDK).

Dr Mark Tooley, head of medical physics, Royal United Hospital commented: "An IP solution proved the most cost effective and innovative, giving us a simple to operate system which can be used with minimal training.

"The suite is a great training tool and unlike other options, which once installed remain static, IP gives us the flexibility to grow, enhance and develop the system and software as we require."

Phil Doyle, managing director, Axis Communications (UK) Ltd commented:  
“This is one of a number of scenarios where IP systems are being used in an educational environment due to the quick and easy identification and viewing of incidents. The fact that Axis’ cameras are open allows bespoke programming, to enable configuration to meet specific briefs, from automatic number plate recognition and movement and heat detection to a virtual film studio, as shown here.”

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**About Axis**

*Axis is an IT company offering network video solutions for professional installations. The company is the global market leader in network video, driving the ongoing shift from analogue to digital video surveillance. Axis products and solutions focus on security surveillance and remote monitoring and are based on innovative, open technology platforms.*

*Axis is a Swedish-based company, operating worldwide with offices in more than 20 countries and cooperating with partners in more than 70 countries. Founded in 1984, Axis is listed on OMX Nordic Exchange under the ticker AXIS. For more information about Axis, please visit our website at [www.axis.com](http://www.axis.com)*

**About Cybertronix**

*Cybertronix Limited was formed in 1992 and has now built up an extensive installed base of IP-CCTV, broadcast, multimedia and intelligent video systems. It has developed one of the leading IP-CCTV camera control and software recording/playback suites in the industry called ‘CCTV Software Suite version 2’. The company can also develop bespoke systems to order that meet the customer’s individual needs. Cybertronix has a wide and varied client base including the BBC who it lists as amongst their current customers. (Regional Weather Camera System).*

**For further information about Axis Communications in the UK and Ireland, please contact:**

*Phil Doyle, managing director, Axis Communications (UK) Limited  
Tel: +44 (0)1462 427910. Email: [phil.doyle@axis.com](mailto:phil.doyle@axis.com)*

**For all Axis Communications UK and Ireland media enquiries, please contact:**

*Miles Clayton / Simon Bennett, Agility PR Limited  
Tel: +44 (0)1992 586190. Email: [miles@agilitypr.co.uk](mailto:miles@agilitypr.co.uk) / [simon@agilitypr.co.uk](mailto:simon@agilitypr.co.uk)*

**For further information about Cybertronix, please contact:**

*Stuart Box, Cybertronix  
Tel: +44(0) 118 958 5900. Email: [sbox@cybertronix.co.uk](mailto:sbox@cybertronix.co.uk)*

**For Royal United Hospital media enquiries, please contact:**

*Helen B Robinson-Gordon, Head of Communications & External Relations, Royal United Hospital Bath NHS Trust  
Tel: +44 (0)1225 825849*