



Advanced  
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## **Doctor in the house**

The Saltaire, West Yorkshire based research and development organisation, The Advanced Digital Institute (ADI), is pleased to announce it is leading a £1.5 million research project to develop a leading edge Tele-health Consultation System. The innovative new healthcare technology will revolutionise the way patients will be able to receive advice and support by providing direct 'live' communication with experts from the comfort of their own armchair. It will help doctors and carers talk with patients in their own homes, reducing the number of patients having to travel to and from hospitals. It will also make the service much more personalised, convenient and timely for the patient.

The Tele-health Consultation System which will be a TV based video telephony solution, will be developed in conjunction with a number of partners including Red Embedded Design, a Bradford based company that has been developing a TV-based videophone telephony service. Other partners include BTL, also a Bradford based technology company that is developing interactive e-learning applications for the service.

The revolutionary system, which will initially be deployed by another of the partners in the consortium, the Airedale NHS Trust, will supply affordable in-home two-way video services for tele-support, health advice and information as well as direct 'live' tele-consultations with its health professionals. It is envisaged that once trialled by the Airedale NHS Trust, the solution could be deployed more widely across the NHS and elsewhere.



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John Eaglesham chief executive officer of ADI said, "This is an exciting project which will change the way patients receive care in the home whilst also providing numerous economic and social benefits."

The seven figure research project will involve further developing the technology to provide a highly interactive consultation experience for the patient and doctor, including cameras with zoom and pan controls, and connection to a streaming video server providing video information clips to patients.

The project is being supported with funding from the UK Technology Strategy Board under their Assisted Living Innovation Platform programme. Explaining the Technology Strategy Board's support for the research their Assisted Living specialist, Jackie Marshall-Cyrus, said: "Through our Assisted Living Innovation Platform, we are investing in the development of technology-based solutions that address health and care challenges caused by the welcome impact of living longer, but the increasing demand for care for people with long term conditions. Once developed, this system will have the potential to bring social and economic benefits to the UK, and could be used around the world. We are delighted to offer our support."

Ends

#### **About Advanced Digital Institute**

Based in Saltaire, West Yorkshire, The Advanced Digital Institute (ADI) is the UK's first independent research and development organisation dedicated to supporting high-tech companies maximise the exploitation of innovative product ideas and the intellectual property rights attached to them. Working directly with industry it will also collaborate with universities.



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The ADI is funded by a £2M Yorkshire Forward contract, Bradford Metropolitan District Council, Airedale Partnership, and EU Regional Fund support. For further information on ADI visit [www.adi-uk-com](http://www.adi-uk-com).

#### **About Red Embedded**

Red Embedded Design, based in Bradford, UK, is a leading provider of embedded video technology for videophone, IPTV and mobile devices. There is a separate business unit offering high calibre consultancy. Contact Red Embedded Design by e-mail on [press@RedEmbedded.com](mailto:press@RedEmbedded.com) and by telephone on +44 870 747 3608. For information please visit [www.redembedded.com](http://www.redembedded.com)

#### **About Airedale NHS Trust**

Airedale NHS Trust is the Dr Foster's Small Trust of the Year 2008 and is committed to the development of innovative solutions that allow the Trust to deliver the highest quality of care to users of its clinical services. It has lead the development of telemedicine solutions within the Prison Service in England and has considerable expertise in the delivery of clinical opinions using new technologies.

#### **About BTL**

BTL is a leading UK owned e-Assessment development and delivery company. With over 1 million certified exams powered by BTL, BTL's content development and delivery tools are helping some of the UK's largest agencies face the challenge of onscreen delivery. Since 1985, BTL has been successfully helping customers exceed their assessment and learning expectations. For further information about BTL and its product offerings visit [www.btl.com](http://www.btl.com)

#### **About The Technology Strategy Board**

The Technology Strategy Board is a business-led executive non-departmental public body, established by the government. Its role is to promote and support research into, and development and exploitation of, technology and innovation for the benefit of UK business, in order to increase economic growth and improve the quality of life. It is sponsored by the



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Department for Innovation, Universities and Skills (DIUS). For further information please visit

[www.innovateuk.org](http://www.innovateuk.org).

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