Consultancy, Testing, Training and Development

With over 15 years of experience of providing DICOM toolkits and assisting their users to connect to multiple other systems, Medical Connections is in a unique position to understand the pitfalls of medical data integration. Combined with the Managing Director's 12 years practice as a radiologist, and experience as IHE monitors and demonstration organisers, we can use that experience to help both vendors and end-users to improve the quality of their implementations.

✚ DICOM & XDS Consultancy

Many end-users and even some vendors need help to advise them on how best to use the available international standards to achieve their desired goals, and Medical Connections has extensive experience in advising hospitals, governments and equipment suppliers on the provision of such systems.

✚ DICOM & XDS Testing

Unfortunately, many commercial vendors have significant errors in their implementations, some of which can cause significant problems, often years after initial installation. This can lead to disagreements between vendors, and in such cases a neutral expert can help to arbitrate between the vendors.

Medical Connections' staff have the expertise to help in these situations, including the following services:

• Passive analysis of logs, files and captures of network traffic to confirm whether they conform to the rules for the chosen service, including checking that all mandatory data is offered and supported.

• More extensive active testing, checking the tolerance of applications to minimalist or faulty data received from other sources.

All the above services are available to both vendors, for assessing the market-readiness of their applications, and also to prospective buyers, before committing to purchase. In most cases such analyses can be performed remotely over the Internet.

✚ Training

Training packages covering almost any area of DICOM and/or XDS are available, and can be tailored to your requirements.

✚ Custom Development

Although DicomObjects and XdsObjects have been used by over a thousand developers around the world, the greatest source of expertise and knowledge about them is found at the source, here at Medical Connections. Whilst we have a strict policy of not selling finished products to end-users, we do have sufficient spare capacity to write applications for those who wish to sell them on to others, but who may not have the time, experience or resources to write their own applications from scratch. Such applications are always provided as source code, using DicomObjects and/or XdsObjects, allowing you to modify and enhance them as you wish.

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The HSE engaged with Medical Connections to provide XDS expertise for the NIMIS Project (one of the largest IT projects in Irish healthcare installing PACS/RIS across 80% of the publicly funded hospitals in Ireland)... which proved very successful... and in a rapid and cost effective fashion to meet our tight schedules.

Prof Neil O'Hare – NIMIS Programme Lead, Health and Safety Executive Ireland