

# DICOM & XDS

## All the help and tools you'll need

Medical Connections has been providing toolkits for developers who need to use DICOM in their products for 15 years, and has a large and enthusiastic group of customers around the world.

We pride ourselves on providing expert technical assistance, which includes help with the underlying standard itself, as well as support for the toolkit. A similar product for the IHE XDS family of profiles has also recently been introduced.

Medical Connections is owned and managed by Dr David Harvey, a radiologist and expert in the field, ensuring that the standards are properly followed. Both toolkits are available for free trial download, and are normally provided on "royalty-only" terms, meaning that there is no charge for your use of the toolkits during development.

### + DicomObjects

DicomObjects is a toolkit which allows you to incorporate DICOM into your programs. It is available for either the ActiveX/COM environment, or as a native .NET DLL.

DicomObjects is designed to make DICOM development very simple, hiding most of the complexities within the toolkit, giving you a simple high-level API which can be used for any DICOM type of application, whether that is a simple viewer, a worklist server, or a full-scale PACS. All have been accomplished many times with DicomObjects, and examples for these, and many more applications are available for download. It can be used in many development environments, such as Visual Studio, Delphi, Access, or even web pages.

3D capabilities (MPR, MIP and VR) have recently been added.

### + XdsObjects

Following the success of DicomObjects for DICOM, Medical Connections introduced XdsObjects, a similar toolkit to simplify the development of applications which conform to the IHE XDS family of profiles.

It allows easy construction of document sources and consumers, as well as infrastructure services such as gateways and repositories. As ever with Medical Connections toolkits, the hard work of formatting and interpreting the native XML data is handled within XdsObjects, allowing you to concentrate on the user interface and functionality of your own program.

Applications built using XdsObjects have been tested at the last three European Connectathons, passing all profiles tested on each occasion.

### + Support and consultancy

The support staff at Medical Connections are used to helping those "new" to DICOM, or XDS and we pride ourselves on getting new developers introduced to the subtleties of DICOM and XDS. We are also happy to use those skills to assist anyone else needing help using these standards, so commercial consultancy, and custom program development are available – contact us as below for details.



*BridgeHead Software provides Healthcare Data Management solutions that enable hospitals to store, protect and share their clinical and administrative data. Medical Connections have, and continue to be, a real asset – specifically with regard to our medical image management solutions. Their expertise and knowledge, in conjunction with their software toolkits, has effectively made Medical Connections an extension of our team.*

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