



VISION IN HEALTHCARE

## **MEDISCAN**

Clinical Information System

**Quality, Expertise, Service, Trust**



MediScan is a leading edge, full clinical information solution. Designed with input from clinicians, it has been in use for over a decade in hospitals in the UK and Eire, continental Europe, North America, and the Asia Pacific region. It is stable and standards-compliant, compatible with technology such as HL7.

It connects to all recent standard and high definition camera systems. It gives users the ability to store images and/or video together with patient clinical data against a patient visit. It is ISO 13485 compliant allowing it to be placed at the clinical point of care such as operating theatres or clinics.

There are 3 different ways that the MediScan system can be used:

- Imaging only stand alone system
- Clinical data management with imaging
- Fully networked MediScan with clinical data management and imaging

## Benefits of Clinical Data Management with Imaging Setup

The hardware for this set up remains the same as the imaging-only solution above. Data specific to the speciality is stored on the appointment together with the images and videos. A single patient record can contain appointments from one or more specialties (e.g., a colposcopy appointment followed by a hysteroscopy appointment).

MediScan has been designed to accommodate any specialty. Customisations required are cost-effective and risk-free, as the core software will usually not need to be altered. Datasets can also be customised after the template has been installed.

Currently full data templates are available for:

- Colposcopy • Hysteroscopy • Laparoscopy • Dermatology • ENT • Oncology • Paediatrics • Sexual Assault

Here are some examples of the colposcopy and hysteroscopy templates:



(Colposcopy dataset with images attached)



(Hysteroscopy dataset)

Features include:

- Reports such as Failsafe (to confirm follow-up and discharge procedures are being carried out correctly) and Attendance are included. We can implement additional reports as required. MediScan is also able to connect to third-party reporting tools such as Cyres, Crystal Reports, or Business Objects.
- Automated letters can be set up to include patient data and images without the user having to enter the information again. A full summary letter is provided as standard.
- Security of data entry: Access is controlled via logon id/password. User rights range from administrator access, to read-only. There is a full audit trail recording altered or deleted patient data.
- Ease of data entry: MediScan accommodates users at all skill levels. Data may be entered directly into the template. There is also the option available for the user to enter details by responding to a (customisable) series of questions.
- Data validation: Mandatory fields may be set up on the data entry templates so the user is obliged to enter required data before proceeding to the next task.

# Benefits of Imaging Only MediScan

Using MediScan as an imaging only solution gives the user the ability to:

- Store images against patient visits
- Store video against patient visits
- Compare multiple images from a previous appointment or a different patient side by side
- Label and annotate images
- Zoom and Pan in on images
- Burn images/video directly to CD, DVD, or USB drives within MediScan
- Export images/video to another folder on the PC
- Import images/video into a patient record from a different folder on the PC

All images and videos captured within MediScan are, by default, stored on the local hard disk drive. There is also the option of configuring MediScan to store patient data on an external networked server.

The imaging machine is compatible with data encryption software such as TrueCrypt.



(Labelling and drawing on image)

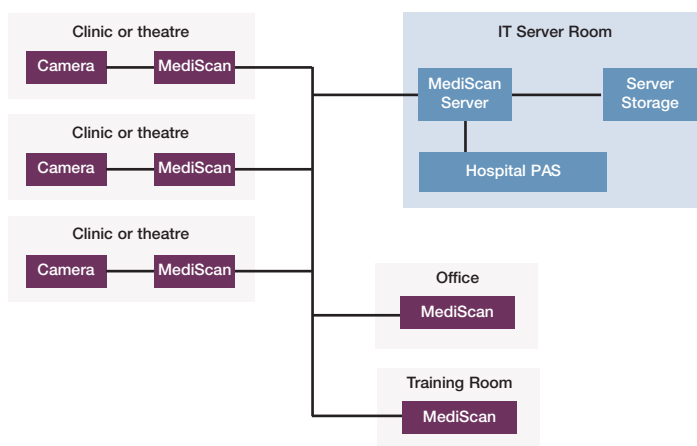


(Viewing multiple images side by side)

## Full MediScan Networked Solution

In this setup, MediScan is fully integrated into the clinic's workflow.

- Administrative staff enters patient demographic data and appointment bookings on PAS, which then triggers appointment creation on MediScan via an interface. Double-entry of data is avoided, saving time and minimising risk. DP Medical can also provide interfaces to other hospital systems.
- The MediScan client software is installed on certain administrative staff's machines, enabling entry of data such as patient history, for appointments that will later contain images and video recorded in the clinic or theatre.
- One or more imaging machines are installed in the clinic and/or theatre at the point of care.
- Patient data is stored in a server, managed and backed up by the hospital's IT department. Either a virtual or dedicated server can be used.



MediScan is compatible with the latest technology – Microsoft Windows 2008 server and Microsoft SQL Server 2008 on the server; Windows 7 on the desktop, while also being able to make use of your existing investment in IT infrastructure. (Windows 2000/XP/Vista, Windows server 2000/2003 and SQL Server 2000/2005 are also supported)

## Support

MediScan is supplied with a two-year hardware warranty as standard. A one-year warranty is provided to cover issues that may arise with use of the software. Different levels of post-warranty support are available. Remote access, email, or telephone resolution is possible as a basic solution, while the next level of support includes on-site visits. The MediScan helpdesk is complemented by several field service engineers. An annual service visit is included.



**MediScan**

**DP  
MEDICAL**

DP Medical Systems Ltd  
15a Oakcroft Road  
Chessington  
Surrey  
KT9 1RH  
Tel: +44 (0) 208 391 4455  
Fax: +44 (0) 208 397 1262  
Email: [sales@dpmedicalsyst.com](mailto:sales@dpmedicalsyst.com)  
[www.dpmedicalsyst.com](http://www.dpmedicalsyst.com)