

NEW

**MEDICSERVER
CENTRALISING PROVEN CAD
TECHNOLOGY FOR
MORE EFFICIENT WORKFLOW**

MEDICSIGHT
MEDICSERVER™



MEDICSIGHT® - A GLOBAL LEADER IN CT COLONOGRAPHY AND CAD.

In recent years, the radiology community has embraced the potential offered by the fast developing world of CT Colonography (CTC), since it offers an accurate, rapid and minimally invasive means of imaging the large bowel. This improvement is not without its issues. The increase in visual data has resulted in radiologists reading and analysing an increasingly large number of images (up to 2,000 slices per patient). This is not only time-consuming and exhausting, but can lead to abnormalities being missed. This is further complicated by reader variability and experience.

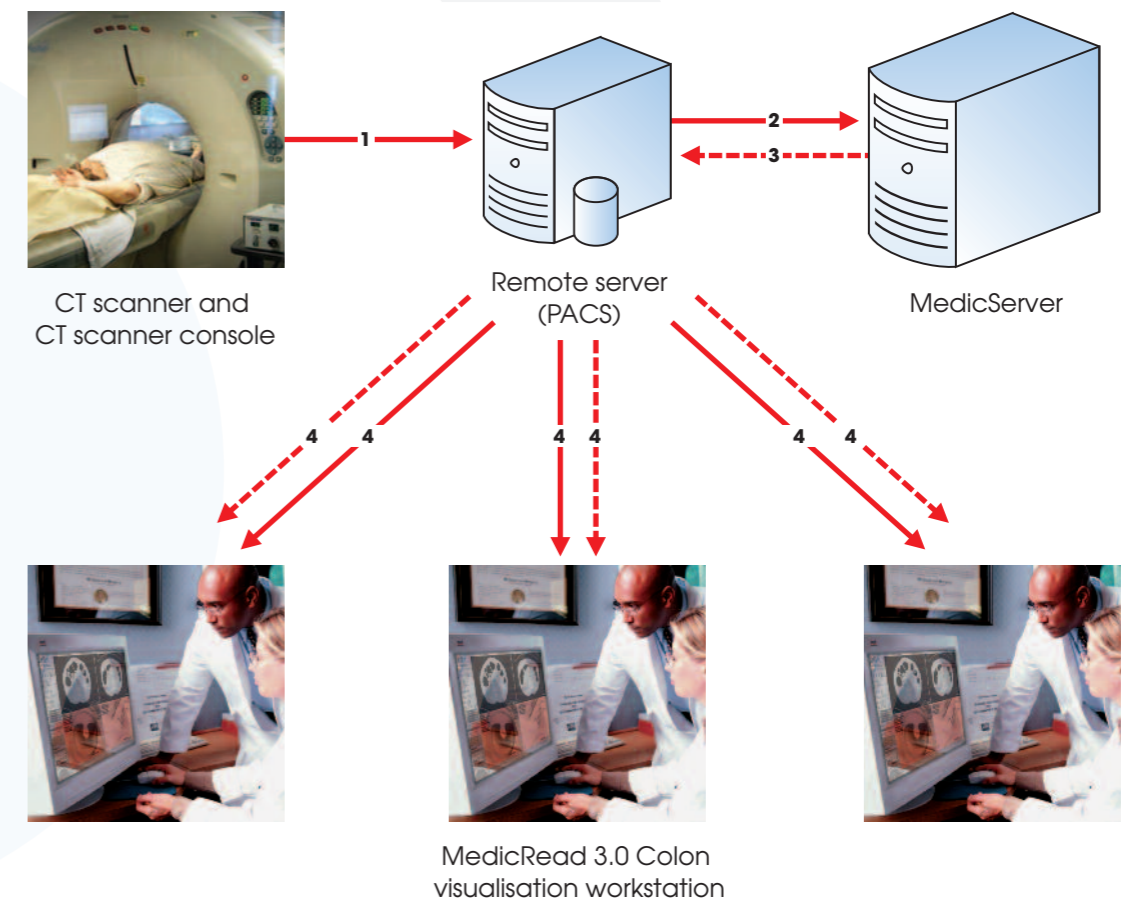
To address this, Medicsight has developed the industry-leading ColonCAD™. This advanced Computer-Aided Detection (CAD) algorithm analyses CT scan data and automatically highlights potential lesions for the radiologist to review. These lesions could be the early precursors of potential life-threatening disease.

Now, as part of their ongoing commitment to radiologists and to improving the early detection of colorectal cancers, Medicsight have developed MedicServer™ - a server-based Windows® application specifically designed to optimise workflow through centralised pre-processing of CT scan data.



MEDICSERVER™ - FAST, EFFICIENT DISTRIBUTION OF DATA ACROSS PACS NETWORKS.

MedicServer™ offers a valuable centralised pre-processing platform that accepts DICOM CT image data from either the CT console or PACS system. Once processed, the results can be quickly and efficiently distributed for interpretation at any number of workstations across the same PACS network as shown below*.



*3D advanced visualisation software must be integrated with ColonCAD™ to show the centralised pre-processed results.

MEDICSERVER™ - OPTIMISING THE WORKFLOW OF CTC.

MedicServer™ streamlines the process of CTC by:

- Automatically receiving and processing DICOM CTC data.
- Enabling full DICOM communication (query/retrieve, push/pull).
- Automatically post processing CTC data.
- Delivering CAD results to PACS or workstations.
- Providing an interface for License Management and Status Queries.

MedicServer can be installed quickly and simply.

- MedicServer can be deployed as an independent server.
- No change to CT hardware architecture or configuration is required.

System Requirements.

MedicServer must be run on a computer that meets the following minimum hardware requirements:

HARDWARE REQUIREMENTS	SOFTWARE REQUIREMENTS
Pentium®# 4-class 2 GHz processor.	Windows®* XP / Windows Vista (with Service Pack 2).
50 GB of free hard drive space.	Microsoft Internet Information Services (IIS).
2 GB RAM.	Microsoft® Internet Explorer®* (IE) 7.
DVD-ROM drive.	Microsoft® .NET Framework 2.0.

To find out more about MedicServer visit www.medicsight.com

* Windows XP, Windows Vista, Internet Explorer and .NET Framework are registered trademarks of Microsoft Corp Inc.
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