



# CardioPACS™ 5.0 Web Server

CARDIOPACS MODULE

CardioPACS 5.0 Web Server provides ubiquitous access to diagnostic-quality images on any compatible Windows PC. Users connect via the local area network, Internet or intranet.

## Benefits

- Provides **secure access** – data is transported over secure HTTPS connections using 128 bit encryption
- Integrates user accounts with **Microsoft® Windows Active Directory** for single sign-on capability
- Uses the latest **MPEG4 compression algorithms**, enabling:
  - ♦ **Compression of large DICOM images** into lightweight objects on-the-fly
  - ♦ **Quick access** to large images over narrow bandwidth connections with virtually **no loss in image quality**
- Provides remote users with **real-time access to images** – physicians can read images, on- or offsite, while a study is performed and images are acquired, eliminating delays and improving patient care
- Delivers **image access to third-party applications** such as physician portals and hospital EMRs using an easy-to-interface WebAPI

## Image Viewer Options

Diagnostic-quality or compressed images and clinical objects are viewed on the easy-to-use **CardioPACS 5.0 Web Viewer**. Web Viewer can be installed on any Windows PC; installation can be performed manually or bulk-installed on several hundred PCs using distribution engines such as SMS.

**CardioPACS 5.0 Diagnostic Viewer** offers users the ability to view diagnostic-quality images, and to perform advanced analysis, measurements and 3D-image post processing—from any location.

### System Requirements

Dual Intel/AMD Quad Core processor

4GB RAM or higher

2\*146GB UltraSCSI HDD (mirrored)

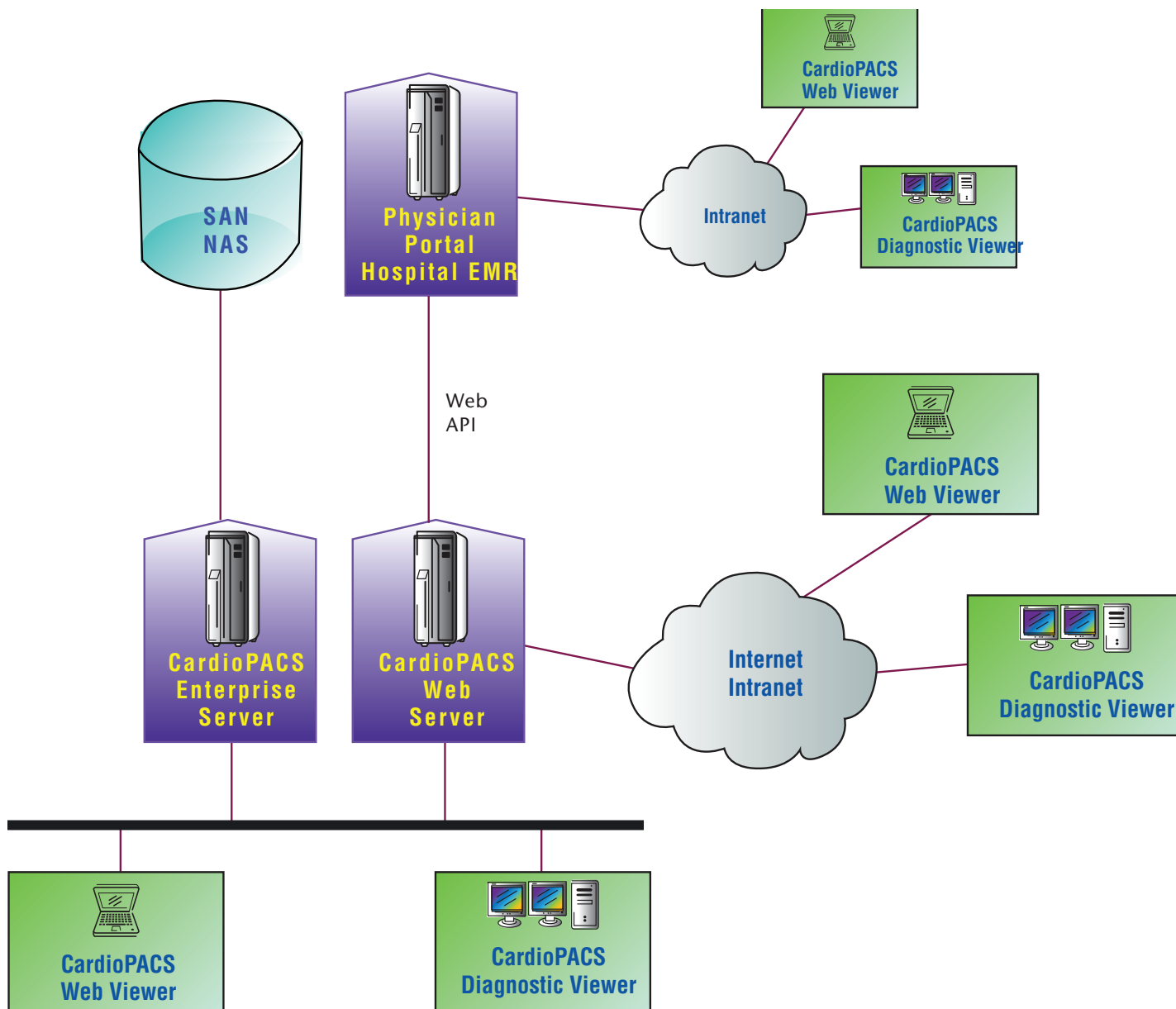
*(Two partitions needed, C: and D: – OS to be loaded on C:; application software and log files/application folders will be on D:)*

Dual 1 Gigabit NIC Cards (teamed)

OS: Windows 2003 Server

Web Server: Microsoft IIS with .NET framework 1.1 and above

# CARDIOPACS WEB SERVER: HOW IT WORKS



**About LUMEDX:** With over 500 heart center clients worldwide, LUMEDX is the market leader in fully integrated cardiovascular information and imaging systems and the No. 1 independent integrator of cardiology information solutions. LUMEDX offers the most proven, comprehensive package of clinical information tools, cardiovascular products, and services to help medical institutions enhance quality of patient care, reduce costs, streamline workflow, increase patient volume, and grow revenue.