

POLYGRAM NET™



Medtronic

POLYGRAM NET™

Increasing efficiency through enhanced data access

Server and Client Requirements

The server functions both as a Database Server and as a Business Server. The question of whether to use one or two servers depends on the number of concurrent users. In the case of performance problems with a single server, however, a second server can be installed at a later date to share the operational load.

Number of users

The number of licenses for both for the Microsoft SQL Server 2000 and the Windows 2000 Server must be sufficient to support the number of network users with access to the POLYGRAM NET™ Business & Database Servers. The POLYGRAM NET™ Business & Database Servers can be installed on separate machines, depending on the number of concurrent users. The actual number of licenses needed depends on the local policy for license usage and the number of users.

Hard Disk size

The Hard Disk size should match the expected number of users and studies to be stored on the relevant server. A guideline for the size in Gigabytes is the number of POLYGRAM NET™ Diagnostic Workstations multiplied by the number of studies per week, multiplied by the number of years of expected operation.

Safety

A backup system and a RAID level adequate for the local security policy are recommended on top of the above specifications.

Access Control

A server controlling user access to the POLYGRAM NET™ Business & Database Servers is recommended, e.g. Active Directory Service (ADS). The Access Control imposed by POLYGRAM NET™ is performed through integrated windows authentication.

Network requirements, minimum

10 Mbit Windows 2000/XP Supported Network

Server requirements, minimum

Windows 2000 SP1 / SQL Server 2000 Standard Edition / IIS 5.0 / 600 MHz processor / 512 MB RAM / 200 GB HD (see Hard Disk size above) / CDROM drive / Network Card 10 MBit

Client requirements, minimum

Windows 2000 SP2/XP Professional / 600 MHz processor / 128 MB RAM / 4 GB HD / IE 6.0 / Network Card 10 Mbit

POLYGRAM NET™ connects users through the entire study workflow, from initial data capture during an examination to review, reporting and distribution. Based on tried and tested Microsoft technology, POLYGRAM NET™ is the safe, secure and reliable way to access and work with study data across and beyond departments and physical boundaries.

With POLYGRAM NET™ you can

■ Save time and increase efficiency

Simplify your workflows and daily routines by automating many processes and providing access to centrally stored study data at the click of a mouse.

■ Achieve greater flexibility and extended reach

Access your data anytime, anywhere and combine them with input from other sources and applications

■ Increase security and reduce costs

Control access, ensure data integrity, and lower maintenance costs through central management of study data with single source access.



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The POLYGRAM NET™ solution is supplied exclusive of network hardware and software, workstation hardware and application software, and operating system software. Data subject to change without notice.

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One Source, Many Solutions



Introduction

Revolutionize the Way You Work

The principle behind POLYGRAM NET™ is that information is available to all authorized online users the moment it is recorded in the system. Changes apply from the moment they are registered to all data accessed by any user. This puts you in total control over the integrity of your data, studies and reports at all times. POLYGRAM NET™ enables you to simplify many routines by providing access to the same study data at a number of different locations. The only computer skill required is the ability to use a standard web browser.

From study to presentation and report

The Diagnostic Workstation captures data during the examination, transferring them to the system database. As soon as an examination is completed, the physician can access and review studies from the comfort of the office to generate reports, prepare presentation material etc. Nursing staff can access and review relevant information from any terminal connected to the system. Secretaries always have the relevant information at their fingertips when preparing doctors' reports or printing material for distribution, and enter patient and study details. The physician can access presentations for display directly on an online terminal in the conference room. A server-based solution can also be used to access studies and reports from home or even a hotel room on the other side of the world.

Safety and reliability from global partners

POLYGRAM NET is based exclusively on Microsoft technology. Medtronic is a Certified Microsoft Partner.

Save time and increase efficiency

Simplified workflows and daily routines enhance effectiveness:

- Intuitive user interface using a standard web browser
- Easy and secure access to patient information across departments
- Straightforward retrieval of studies for review and report generation
- Standard office applications for easy text editing and formatting
- Simple distribution to staff and colleagues

Achieve greater flexibility and extended reach

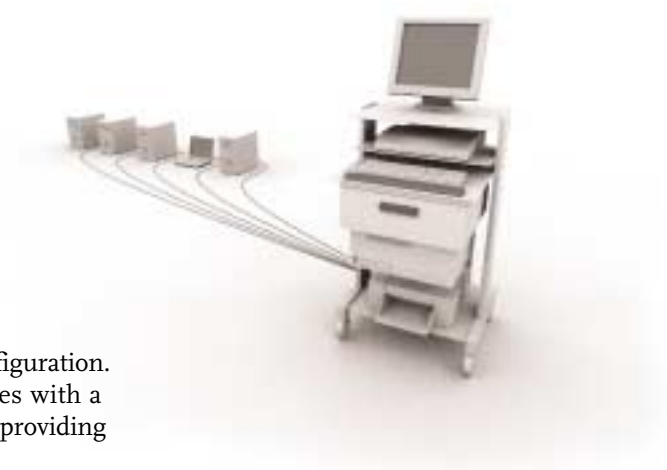
Straightforward access for authorized users at any time and from anywhere:

- Web access from the office, the home or even a hotel room
- Automated data sharing and distribution of final results to authorized users
- Access to studies and patient data from multiple sources such as an endoscopy program, report generator, a Patient Data Management system, or a Hospital Information system

Increase security and reduce costs

A single source of data boosts security and removes complexity from the desktop:

- Individual password protected access
- System-wide support procedures for safekeeping of data and data handling policies
- Information integrity through online access to a single master instead of distribution of separate copies for editing
- Lower maintenance costs through single location data management and access



Non-server system

POLYGRAM NET is also available in a local network configuration. This configuration is often the preferred solution at sites with a single Diagnostic Workstation containing a database and providing access to relatively few users.