DiaWEB System Requirements

Web Server

Hardware

Most modern single CPU servers meeting the minimum hardware requirements for the Operating System will be sufficient for the majority of Diabetes Education and Disease Management Teams. Even for a very large health care system, the estimated server performance resource requirements (processor, memory, hard drive speed) are likely to be very low because of the finite number of patients seen by the multidisciplinary team per day resulting in a limited amount of patient information being processed at any given time.

Do not run DiaWEB on a server which is also running a large enterprise application such as Microsoft Exchange or Microsoft Sharepoint.

Windows Server 2008

Dependencies for installation are:

- IIS7.0
- Windows Installer 3.1
- MSXML 6.0
- .Net 2.0 with Service Pack 2
- .Net 3.0 with Service Pack 1 and 2
- .Net 3.5 with SP1

Either links to the dependency installation files or the installation media itself will be provided with the setup.

Database Server

Physical Server

The database server can be located on the same physical server or on a separate server than the DiaWEB application server. If the database server is located on a separate physical server, there is no software installed or required other than Microsoft SQL Server and the DiaWEB database catalog.

Minimum hardware requirements are the same as those of the SQL Server version used to house the database catalog.

The catalog can be hosted in both cluster and virtual server environments.

Hard Drive
- Minimum for Installation: 1   GB
- Recommended: 10 GB

Microsoft SQL Server (2005 and 2008)

Microsoft SQL Server is a commercial, industrial strength database which will scale to virtually any size multidisciplinary team and allows for unlimited document storage. It requires a license from Microsoft and makes DiaWEB work faster and more reliably for larger teams. There is a free version called SQL Server Express which also works with DiaWEB. However, because SQL Server Express has limited size capacity of 10GB, document storage in DiaWEB must be closely monitored.

Database Catalogs

When you install DiaWEB, there are two database catalogs installed:
- DiaWEB: This database catalog holds all of the enterprise, user, and patient records.
- DiaWEB_Attachments: This database catalog holds only the uploaded documents in a compressed and encrypted format with an identifier linking it to the associated DiaWEB parent record.

The database supports the Latin1 General database collation.

Client Dependencies

Internet Explorer 7, 8, 9 or higher
Microsoft Silverlight 3.0 or higher for reports and attachment upload.

Questions?

Please direct all technical questions to Aaron Smith at 214.227.2722 or aarons@chirondata.com.