PROLIS™
Hardware

Version 4.0

PROLIS HARDWARE REQUIREMENTS

Prolis 4.0 being a client server Windows application, has the following hardware requirements to perform its functions. Though a lot of comparables can be used with Prolis 4.0 but an optimal performance can be obtained by strictly acquiring the recommended hardware.

Database Server

Prolis 4.0 has employed MS SQL Server 2005 as its database. The laboratory may acquire a server machine with the MS Windows 2000 server or higher, as an operating system with the required number of user's licenses and MS SQL Server 2005 engine with required number of licenses.

MS Windows Server 2003 is recommended.

Web Server

Laboratories employing Prolis Outreach, may optionally use the Database server as the Web Server as well or acquire a dedicated web server for an added security and protection against accidental Prolis downtime.

A dedicated database server and a dedicated Web Server is recommended.

Fax Server

Prolis 4.0 utilizes the fax service provided by the operating system. The laboratory may acquire a machine with the required number of fax modems and MS Windows Server 2003 as operating system, to be used as a dedicated fax server or the database server with the required number of fax modems.

It is up to the laboratory to have a dedicated Fax Server or use the faxing service of the database server. We recommend to base your decision on the expected usage of the fax service. Obviously, a heavier usage suggests a dedicated fax server.

Client PCs

Client PCs of the network may have any MS Windows 2000 or up.
We recommend MS Windows XP professional.

Accession PCs

Any computer that is a part of the network, can be used to accession specimens and Receive remotely accessioned specimens. If the laboratory has employed barcodes, it is suggested to assign a required number of PCs equipped with recommended barcode printers, for accessioning.

Interface PC

A computer with the required number of serial ports or a multi-port serial card installed with Male DB9 connection. Conventionally a maximum number of ports supported by a computer is 16. Considering the limitation of recommended serial cable length by various equipment manufactures, we recommend only 6 equipments be interfaced per PC. So, the interface PC should have the higher of number of interfaces required or 6.

Interface Cable

Please provide us an exact distance between each Equipment to be interfaced and the Interface PC.