



Info HQ Manager  **v2.1**

SPECIFICATION SHEET

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1 - Specification sheet

1.1 Product overview

Info HQ Manager is a web-based software application that enables healthcare professionals to manage and share results from diagnostic testing throughout a healthcare system.

Info HQ Manager provides connectivity and interfacing for Abbott's i-STAT 1 and i-STAT Alinity over a facility's IT network. It can exchange data with other information systems including an LIS or HIS/EMR.

Info HQ Manager helps maintain regulatory compliance with a unique set of features specifically designed to simplify operator management processes, quality control, and system maintenance.

The Info HQ Manager system is designed to be deployed on a healthcare organization's intranet, within its internal firewall. As such, the Info HQ Manager system, although a browser-based application, does not transport any data over the external Internet.

1.2 Technical specifications

The Info HQ Manager application can be installed on a system that meets the minimum requirements listed in the following tables.

Computing environment

Table 1-1: Computing environment

Component	Requirement
Processor	Intel Core 2 duo processor (4 cores), or any processor with at least 4 cores but no more than 16 cores
RAM	8 GB or greater
Hard drive	Available free space: 300 GB or greater
	Rotational speed: 10,000 RPM or greater
Network	Standard 10/100/1000 Ethernet Network Interface Card
Disk/DVD Drive	DVD ROM or DVD RW drive or shared access to a DVD ROM/RW drive
Screen resolution	Standard video card capable of 1024 x 768 / 1280 x 1024 resolution

Software requirements

Table 1-2: Software requirements

Component	Requirement
Operating system	Windows Server 2008 Standard Edition R2 (64 bit) ¹ or Windows Server 2012 Standard Edition R2 (64 bit) ¹
Operating system supporting components	.NET Framework 4.5.1 IIS 7.0/7.5 (Windows Server 2008), or IIS 8.0/8.5 (Windows Server 2012)
Database management system	Microsoft SQL Server 2012 Standard Edition ²
Data protection	Antivirus software (not included)
System maintenance	Disk defragmenting tool (not included)
Protocols and standards	Supported: HL7 2.6, TCP/IP, LOINC®, XML
Browser requirements	Windows Internet Explorer 11 (included with installer) with active scripting and JavaScript enabled for the Intranet security zone (Tools > Internet options , Security tab, Custom level button) Note: Active scripting and JavaScript are disabled by default.
PDF Reader	Adobe Reader version 8.0 or higher

Info HQ Manager v2.1, i-STAT/DE v2.8 and JResultNet can be installed on a single server or multiple servers. If these components are installed across multiple servers, all server time zone settings must be the same.

¹ Operating system must be provided by customer.

² A default instance of SQL Server is required to host the Info HQ Manager database. Microsoft® SQL Server Standard Edition is licensed with unlimited user and device CALs. The use of customer-acquired Microsoft SQL Server licensing or existing installations of Microsoft SQL Server is not permitted.

Requirements for vendor remote support

Table 1-3: Requirements for vendor remote support

Component/System	Requirement
Connection speed	1 Mbps or greater
Remote access system	Software or site-to-site VPN connection
Remote control software	Remote Desktop installed/enabled on Info HQ Manager server
User account	Administrator level account on Info HQ Manager server

Client hardware and software requirements

Info HQ Manager is a browser-based application. Therefore, any Windows-based PC or workstation with Internet Explorer 11 that has access to the organization's LAN/WAN can access Info HQ Manager. Microsoft® Excel® is required on all client computers to edit template files in .csv format or to view reports saved as Excel/.csv.

1.3 Database sizing and growth

The capacity of the server disk must be able to accommodate the growth of the Info HQ Manager database.

When first installed, the size of the Info HQ Manager database is about 10.7 MB. The database grows according to the number of patient and QC test results that are added to it. Other activity — such as archiving the database, receiving data from the devices and ADT, tracking system activity through audit trails, and adding comments to test results — also affects the size of the database.

As a general rule, adding 500,000 records will increase the database size by about 6 GB. The figures in this table are approximate and should be used for planning purposes only.

Table 1-4: Estimated database growth

Initial database size	Number of records	Approximate database size (range)
10MB	100,000	1 GB - 5 GB
	500,000	5 GB - 10 GB
	1,000,000	12 GB - 15 GB
	2,000,000	20 GB - 30 GB