

QDR Cyber-Security Product Report

1.0 A Message to Our Customers

Hologic, Inc. continues its dedication and commitment to provide the highest quality products and services to help diagnose and treat your patients. We at Hologic are aware of the threat posed by malicious users and viruses. We would like to inform you of the efforts that we have put forth in evaluating the risks to our products caused by these malicious attacks and computer vulnerabilities.

Hologic's Response to Malicious Attacks, Viruses and Malware

Hologic recognizes the need to react quickly to new attacks that may affect your systems. Of greatest concern to us are "Zero Day" exploits. These are attacks that have not yet been acknowledged by vendors (via a patch or fix method). Hologic has recently introduced a number of actions to deal with existing and future malicious attacks. They include:

- Creation of a *Cyber Security Team*. This team regularly convenes to assess the effect recent security patch releases may have on our products.
- Release of *QDR Cyber-Security Best Practices Guide* to further minimize any harmful exposure. This guide may be found at <http://www.hologic.com/product-support/bone-densitometry/discovery/>
- Monitoring of recent vulnerabilities, including "proof of concept" testing.
Hologic's *Cyber Security Team* reviews and tests the recent exploits, assessing the potential for harm to Hologic products.
- Creation of a QDR CyberSecurity section accessible via our website at <http://www.hologic.com/product-support/bone-densitometry/discovery/>

2.0 Products Affected

This document pertains to the following product:

- QDR Systems running Windows XP

3.0 Anti-Virus

Hologic acknowledges your concern for obtaining virus protection. Therefore, we have evaluated QDR with anti-virus software. We have found the following anti-virus products to be compatible with QDR:

- Symantec Corporate Editions 9.0
- Symantec Corporate Editions 10.0
- McAfee 8.7i
- Trend-Micro Antivirus 11

Please contact your Hologic service representative for assistance with installation of these products. Instructions for installing and configuring these products can be found at Hologic's Cyber-Security Center: <http://www.hologic.com/product-support/bone-densitometry/discovery/>

4.0 Operating System Updates and Security Patches

Hologic performs risk analysis to determine the potential consequences of published exploits. We also analyze any potential risk to the system created by applying a security patch. Because your QDR system is a registered medical device, Hologic must validate the effectiveness of recommended security patches. Only Hologic validated critical security patches should be installed on your QDR system. Service Packs must be tested and validated by Hologic and cannot be customer validated.

All System Updates and Security Patches to Windows XP as of January 11, 2012 have been validated to work with QDR.

5.0 Installing Patches



Note Ensure the system has access to Microsoft's update webpage before proceeding

- 1. On the QDR computer, login to Windows as an Administrator.**
2. Install the patches as follows:
 - a. Exit QDR without shutdown.
 - b. Browse to <http://update.microsoft.com/windowsupdate/v6/default.aspx?ln=en-us>
A pop-up may appear. If so, click "ACCEPT from Microsoft". The Welcome to Windows Update page is displayed.
 - c. Click **Custom**. The message "Checking for the latest updates for your computer" is displayed. The Select High-Priority Updates page displays available patches for

your system.

If the message "We've made upgrades" is displayed, click **Download** and proceed as described in step c.

- d. Click **High-priority** in the left window.
 - e. Ensure that the patches that are selected have been approved by Hologic before proceeding. Uncheck any patches that are not on the approval list.
 - f. Click **Review and Install** updates. The Review and Install Updates page is displayed.
 - g. Click **Install Updates**. The message "The updates are being downloaded and installed" and the status of the updates are displayed in a dialog box.
 - h. Reboot the system.
3. Check that the patches you installed were downloaded.
 - a. Log in as an Administrator and browse to **Control Panel > Add/Remove Programs**.
 - b. Browse to the bottom of the list and ensure the patch you just downloaded is shown.



Note If the system does not have direct access to Microsoft's update webpage, download the update from a separate PC or SUS server and place it on removable media.

Questions and Concerns

If you have any questions or concerns, please contact Hologic Customer Service at 800.321.4659.