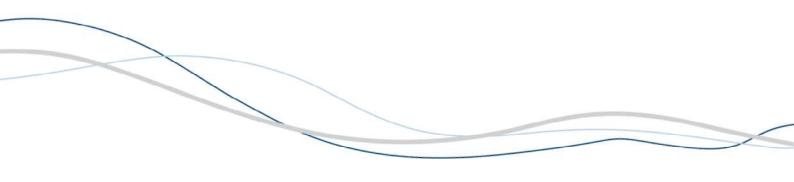


Sentinel Cardiology Information Management System

Exclusions from Real-time Antivirus Scanning

077-0255-00 Rev F



CUSTOMER SERVICE NOTES

Product Covered: Sentinel Cardiology Information Management System

Purpose: This service notice provides information on exclusions from

real-time Antivirus Scanning.

Explanation:

Realtime antivirus scanning can either delay or block file creation and execution. This may slow down system performance to an unacceptable level, or cause program errors such as "Failed to write stream contents to disk".

With all anti-virus products, as a minimum make the exclusions below from realtime (on-access) scanning.

Depending upon the revision history, some locations may not exist in an installation. Due to updates in anti-virus programs this list cannot be exhaustive and other exclusions may be necessary.

Note: G Data Antivirus has caused timeout errors in Sentinel's web application modules.

This information applies to all versions of Sentinel except where stated below.

Sentinel Application Server, Stand-alone Workstation, Offline Workstation, and RDT Workstation

Excluded Ports:

- 8080
- 80
- 443 (if https invoked)

Excluded folders and files and all subfolders:

- C:\Program Files (x86)\Del Mar Reynolds Medical ("x86" only for 64-bit systems)
- C:\Program Data\ Del Mar Reynolds Medical\Sentinel
- C:\Document and Settings\All Users\Application Data\Del Mar Reynolds Medical\Sentinel
- %tmp% folder
- C:\Windows\Microsoft.NET\Framework\v4.0.30319\Temporary ASP.NET Files
- C:\DMR\Sentinel (see note below regarding the "File Store" folder).
- C:\inetpub\wwwroot\Sentinel
- C:\inetpub\wwwroot\SentinelAuth
- C:\inetpub\wwwroot\SentinelAuthentication
- C:\inetpub\wwwroot\SentinelMvc
- C:\Windows\Temp\SentinelImport\EngineeringSolutions (Only required for systems with DatamedFT for 3rd-party 12-Lead ECG.)
- C:\Windows\Microsoft.NET\Framework\v4.0.30319\MSBuild.exe
- C:\Windows\Microsoft.NET\Framework\v4.0.30319\csc.exe (32-bit systems)
- C:\Windows\Microsoft.NET\Framework64\v4.0.30319\csc.exe (64-bit systems)

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NOTE: Networked systems in particular may have the File Store on a different drive or device. Contact Spacelabs Technical Support if you need help identifying the location used in your installation.

Sentinel Stand-alone Workstation, Offline Workstation, and RDT Workstation Excluded Port:

• 1874 (only for web client access or restricted small-network server configuration)

Windows XP:

- C:\Document and Settings\All Users\Application Data\Del Mar Reynolds Medical\Sentinel (and sub-folders).
- C:\Documents and Settings\All Users\Shared Documents\Spacelabs Healthcare\Sentinel (and sub-folders)
- C:\Documents and Settings\All Users\Application Data\Spacelabs Healthcare
- C:\Program Files\Spacelabs Healthcare

Windows 7, 8.1, 10:

- C:\Users\Public\Public Documents\Spacelabs Healthcare\Sentinel (and sub-folders)
- C:\ProgramData\Spacelabs Healthcare
- C:\Program Files (x86)\Spacelabs Healthcare ("x86" only for 64-bit systems)

All Sentinel Workstations with Impresario Holter Analyzer

- C:\DMR\Sentinel\Impresario\Data
- C:\Impresario\Data

All Sentinel Workstations with Pathfinder Digital Holter Analyzer

C:\Analyser

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