

Updated July 14, 2009

RealNetworks is making available product upgrades that contain security bug fixes.

RealNetworks, Inc. has addressed two recently discovered security vulnerabilities. RealNetworks takes all security vulnerabilities extremely seriously and provides this information as an aid for users to avoid any potential vulnerabilities.

#### Details for Potential Vulnerabilities:

Class: Denial of service (DoS)  
Remotely Exploitable: Yes  
Locally Exploitable: No  
Bugtraq ID: N/A  
CVE Name: CVE-N/A  
Advisory ID: CORE-2009-0227

#### Vulnerability Description:

Helix Server is a multi-format crossplatform streaming server.

During a 'RTSP' (SET\_PARAMETERS) request handling, if an empty 'DataConvertBuffer' parameter is received by the server, it then raise an exception reading an invalid direction of memory. This exception is usually handled correctly but if you send this malformed request multiple times in a short period of time, then it could render the Helix Server unresponsive and finishing its execution.

During the 'SETUP' request handling, a 0x2F character is searched in the request line, if this byte is absent the process crashes with an access violation.

#### Impacted Products and Versions:

- Helix Server Version 12.x
- Helix Mobile Server Version 12.x

#### The Fix:

Version 13.0.0 of the Helix Server and the Helix Mobile Server have been updated to ensure that the above vulnerabilities have been resolved.

#### SOLUTION:

The vulnerability is resolved on the following platforms by installing Version 13.0.0 of the Helix Server and the Helix Mobile Server. This only pertains to supported versions of the platforms listed below. The updated version will be available on your RealNetworks PAM site after 12:00 am PST, on July 14, 2009.

- Red Hat Enterprise Linux 4
- Red Hat Enterprise Linux 5
- Sun Solaris 10
- Windows 2003

#### ACKNOWLEDGMENT:

RealNetworks would like to thank Damian Frizza from Core Security Technologies for bringing these exploits to our attention.

#### WARRANTY:

While RealNetworks endeavors to provide you with the highest quality products and services, we cannot guarantee and do not warrant that the operation of any RealNetworks product will be error-free, uninterrupted or secure. See your original license agreement for details of our limited warranty or warranty disclaimer.