Earlier versions of HiView do not verify the server identity for HTTPS and SSH

Date: January 21, 2015
Version: 1.0

Executive Summary

HiView is a PC application that allows users to easily access Hirschmann™ products without any browser or Java Environment installed on the PC. HiView was designed to be an application which provides the greatest chance that a user could connect to the products' web interface. It is designed for a closed and local network environment.

When versions of HiView below version number 02.0.01 establish a secure connection to a switch, using HTTPS or SSH protocols, HiView does not validate the identity of the device. Also, HiView does not display the identity of the device to the user.

Impact

An attacker who can successfully run a man-in-the-middle attack during connection establishment may be able to obtain sensitive information.

Affected Products

<table>
<thead>
<tr>
<th>Brand</th>
<th>Product Line / Platform</th>
<th>Product</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hirschmann</td>
<td>Network Management</td>
<td>HiView</td>
<td>02.0.01 and lower</td>
</tr>
</tbody>
</table>

Solution

Update the HiView installation to the release 02.0.02 that resolves these issues. HiView 02.0.02 is available on the support portal [1] and from the e-catalog [2].

The following workaround can be used if the updated HiView version cannot be used. Use a web browser with Java plug-in to access the products' web interface. For access to the CLI using the Secure Shell Protocol use an application like Putty or OpenSSH.

For Help or Feedback

To view all Belden Security Advisories and Bulletins or to report suspected security vulnerabilities, go to https://www.belden.com/security.
For technical support and other requests, please visit https://hirschmann-support.belden.eu.com and https://garrettcom-support.belden.eu.com.

Acknowledgments

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Related Links

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Revisions