Weaknesses in Hirschmann Classic Platform switches in the user authentication module

Date: March 08, 2018
Version: 1.1
References: ICSA-18-065-01

Executive Summary

Hirschmann Classic Platform switches have two weaknesses in the user authentication module.

Details

The user authentication module is susceptible to the following weaknesses:

1. Use of hardcoded user name (CWE-200)
2. Improper restriction of excessive authentication attempts (CWE-307)

Impact

The weaknesses may allow attackers to brute force user accounts in order to gain access to the device.

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>Classic</td>
<td>RS, RSR, RSB, MACH100, MACH1000, MACH4000, MS, OCTOPUS</td>
<td>All versions</td>
</tr>
</tbody>
</table>

Solution

We strongly recommend customers to restrict access to remote management access. Following mitigation strategies might be applied:

- Use of complex user passwords
- Use the “Restricted Management Access” feature to restrict access to known IP addresses
- Disable remote management access when not in use

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.

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Revisions
V1.0 (February 23, 2018): Bulletin created.
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