Authenticated Command Injection in Hirschmann BAT-C2

Date: 2022-11-23
Version: 1.0
References: CVE-2022-40282

Executive Summary
The web server of Hirschmann BAT-C2 through 09.12.01.00R01 is vulnerable to an authenticated command injection.

Details
The web server of Hirschmann BAT-C2 through 09.12.01.00R01 is vulnerable to an authenticated command injection. This allows an authenticated attacker to pass commands to the shell of the system because a parameter of the FsCreateDir Ajax function is not sufficiently sanitized.

The CVSS v3.1 severity of this vulnerability is 7.2 (High):

Impact
Passing a command line to the shell of the system allows an attacker to execute binaries present in the firmware of the device with arbitrary arguments.

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>BAT-C2</td>
<td>BAT-C2</td>
<td>09.12.01.00R01 or lower</td>
</tr>
</tbody>
</table>

Solution
Updates are available, which address the vulnerability. Customers are advised to update their product.

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</tr>
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For technical support and other requests, please visit https://hirschmann-support.belden.com.

Acknowledgments
Belden thanks the following for working with us to help protect customers:
- Thomas Weber, CyberDanube Security Research

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Revisions