

## Multiple BusyBox vulnerabilities in BAT-C2 and OWL

Date: 2024-05-13

Version: 1.0

### Summary

The following vulnerabilities affect one or more versions of the products listed in the next section:

ID	Title / Description	Severity
CVE-2021-28831 <sup>1</sup>	decompress_gunzip.c in BusyBox through 1.32.1 mishandles the error bit on the huft_build result pointer, with a resultant invalid free or segmentation fault, via malformed gzip data.	CVSS v3.1: 7.5
CVE-2022-28391 <sup>2</sup>	BusyBox through 1.35.0 allows remote attackers to execute arbitrary code if netstat is used to print a DNS PTR record's value to a VT compatible terminal. Alternatively, the attacker could choose to change the terminal's colors.	CVSS v3.1: 8.8
CVE-2022-30065 <sup>3</sup>	A use-after-free in Busybox 1.35-x's awk applet leads to denial of service and possibly code execution when processing a crafted awk pattern in the copyvar function.	CVSS v3.1: 7.8

### Affected Products

#### CVE-2021-28831

Brand	Product Line / Platform	Product	Version
Hirschmann	BAT-C2	BAT-C2	08.08.01.01R08 or lower

#### CVE-2022-28391

Brand	Product Line / Platform	Product	Version
Hirschmann	OWL	OWL 3G, OWL LTE, OWL LTE M12	6.2.9 or lower

### Solution

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

Brand	Product Line / Platform	Product	Version
Hirschmann	BAT-C2	BAT-C2	9.13.1.0R2 or higher
Hirschmann	OWL	OWL 3G, OWL LTE, OWL LTE M12	6.3.7 or higher

### For Help or Feedback

To view all Belden Security 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.com>.

### Related Links

- [1] <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2021-28831>
- [2] <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2022-28391>
- [3] <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2022-30065>

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### **Revisions**

V1.0 (2024-05-13):                      Bulletin released.