HiSecOS Web Server vulnerability allows User Role Privilege Escalation

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Version: 1.0

Executive Summary

A vulnerability in the HiSecOS Web Server allows authenticated users with assigned role operator or auditor to escalate their privileges.

Details

By sending special crafted packets to the web server an attacker may escalate user privileges up to the administrator role. The vulnerability only affects existing users with the operator or auditor role. The default configuration is not affected. The CVSS v3.1 score of the vulnerability is 8.8 (High) [1].

Impact

An attacker may gain full administrative access to the device.

Affected Products

Brand	Product Line / Platform	Product	Version
Hirschmann	HiSecOS	EAGLE	03.4.00 up to 04.0.xx

Solution

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

Brand	Product Line / Platform	Product	Version
Hirschmann	HiSecOS	EAGLE	04.1.00 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.

Acknowledgments

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Related Links

- [1] https://www.first.org/cvss/calculator/3.1#CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

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Revisions

V1.0 (2023-01-30):	Bulletin created.