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Barco wePresent Insecure Firmware Image

Authored by Matthew Bergin, Jim Becher | Site korelogic.com

Posted Nov 20, 2020

Barco wePresent WiPG-1600W versions 2.5.1.8, 2.5.0.25, 2.5.0.24, and 2.4.1.19 have firmware that does not perform verification of digitally signed firmware updates and is susceptible to processing and installing modified/malicious images.

advisories | CVE-2020-28332

TWEE

00000200

5. Credit

Now, concatenate the header file onto the new firmware to complete the firmware packaging. This new file can now be uploaded to the webresent device. After the firmware update, the device will revert back to the default admin password of "admin". The steps in KL-001-2020-007 (CVE-2020-2831) can be run again to re-enable SSH, and now ssh in with a known root password.

The vendor has released an updated firmware (2.5.3.12) which remediates the described vulnerability. Firmware and release notes are available at: https://www.barco.com/en/support/software/R33050104

This vulnerability was discovered by Jim Becher (@jimbecher) and Matt Bergin (@thatguylevel) of KoreLogic, Inc.

2020.08.24 - KoreLogic submits vulnerability details to

4. Mitigation and Remediation Recommendation

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2020.09.23 - KoreLogic agrees to 2020.12.11 coordinated disclosure.
2020.09.25 - Barco informs KoreLogic of their intent to acquire
CVP number for this vulnerability,
2020.11.09 - Barco shares CVE number with KoreLogic and announces
ahead of sachedule, on 2020.11.11. Request that KoreLogic
delay public disclosure until 2020.11.20.

2020.11.10 - KoreLogic public disclosure.

7. Proof of Concept
3 more unpack-firmware.sh
41/%infs1
41/
```

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