

Product Security Advisory

December 14, 2023

JCI-PSA-2023-03

CVE-2023-0248

ICSA-23-348-02



Overview

Johnson Controls has confirmed a vulnerability impacting Kantech Gen1 ioSmart card reader.

Impact

An attacker with physical access to the Kantech Gen1 ioSmart card reader in certain circumstances can recover the reader's communication memory between the card and reader.

Affected Versions

- All Kantech Gen1 ioSmart card readers with firmware version prior to version 1.07.02.

Mitigation

- Update ioSmart Gen1 card reader to firmware version 1.07.02 or higher.
 - <https://www.kantech.com/Resources/GetDoc.aspx?p=1&id=58679>
- Contact technical support for additional information.

Additional information:

- ioSmart Gen2 readers are not affected by this behavior.
- Contact your local sales representative for ordering information.

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Resources

Cyber Solutions Website - <https://www.johnsoncontrols.com/cyber-solutions/security-advisories>

CVE-2023-0248 - [NIST National Vulnerability Database \(NVD\)](#) and [CVE®](#)

ICSA-23-348-02 - [CISA ICS-CERT Advisories](#)