

Dry Contact I/O Card (AP9614) Firmware v3.1.4.1 Release Notes

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Affected Revision Levels

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Component	File	Details
Dry Contact I/O Card Application	apc_hw21_relayio_3-1-4-1.nmc3	Application for Dry Contact I/O SmartSlot Card (AP9614)

For details on upgrading the firmware for the Dry Contact I/O SmartSlot Card (AP9614), see the [Installation and Configuration guide](#).

New Features

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New Feature
There is no new feature in this release.

Fixed Issues

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Fixed Issue
UPS models now display correct information for the AP9614 card in the About > Accessory screen.
Security Update
<p>The following security vulnerability has been addressed in this release:</p> <ul style="list-style-type: none">• CWE-307: Improper Restriction of Excessive Authentication Attempts. This software does not implement sufficient measures to prevent multiple failed authentication attempts within a short time frame, making it more susceptible to brute force attacks. <p>The account now gets locked after bad login attempts.</p>

Fixed Issue
The following security vulnerability has been addressed in this release: <ul style="list-style-type: none">CWE-79: Improper neutralization of input during web page generation (Cross-site Scripting)

Known Issues

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Known Issue
The Web UI access to AP9614 disconnects occasionally with a display message "site can't be reached". This requires the USB cable to be unplugged and reconnected.
In some older UPSs, overload isn't treated as a fault by AP9614, which leads to legacy faults ignoring the overload condition.

Hash Signatures

Signatures	apc_hw21_relayio_3-1-4-1.nmc3
CRC32	1228C0FC
CRC64	119909C96A3FF2D5
SHA-256	2F7AD2712438114976D0910E4B51DF4AF380F79FF34293E4E270D1BBCA94EE0F
SHA-1	2809FE60DAC3A3A156EBA33F9BD891B9786C4189
BLAKE2sp	21DE7E4B3B39059DEA77352481BB24872C567EC7646F86B729F7A1DC8D3F203E

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