

Product Security Advisory

April 29, 2021

JCI-PSA-2021-04

CVE-2021-3156

ICSA-21-119-03



Overview

Ubuntu recently announced security vulnerabilities that impact the exacqVision Network Video Recorder versions which use the Ubuntu Linux operating system. These affect a built-in Linux application called “Sudo” which controls the provisioning of super user (administrator) access to the operating system which, under certain circumstances, could be leveraged by an attacker to achieve unauthorized privilege escalation. Johnson Controls recommends that customers apply the Ubuntu security updates to all affected exacqVision product deployments.

Impact

Under specific circumstances, a local attacker could use this issue to obtain unintended super user access to the underlying Ubuntu operating system.

Affected Versions

exacqVision is available in both Windows and Linux versions. This issue affects all unpatched versions of the Ubuntu operating system used on Linux based Z-Series and A-Series and all Q-Series, G-Series, Legacy LC-Series, and Legacy ELP-Series exacqVision Network Video Recorders (NVR), as well as Linux based C-Series Workstations and all S-Series Storage Servers.

Mitigation

Install the latest security updates for the Ubuntu operating system.

Users may contact exacqVision technical support for assistance with updating their operating system.

<https://exacq.com/support/techsupport/>

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Resources

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

CVE-2021-3156 - [NIST National Vulnerability Database \(NVD\)](https://nvd.nist.gov/vuln/detail/CVE-2021-3156) and [MITRE CVE® List](https://cve.mitre.org/cve/2021/3156)

ICSA-21-119-03 - [CISA ICS-CERT Advisories](https://icsa.cisa.gov/ICSACERTAdvisories/2021-119-03)

Ubuntu Security Notice 1 - <https://ubuntu.com/security/notices/USN-4705-1>

Ubuntu Security Notice 2 - <https://ubuntu.com/security/notices/USN-4705-2>