



CVE-2019-19197

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CVE-2019-19197

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Kyrol Internet Security](#) from [Kyrolsecuritylabs](#) contain the following vulnerability:

IOCTL Handling in the kyrld.sys driver in Kyrol Internet Security 9.0.6.9 allows an attacker to achieve privilege escalation, denial-of-service, and code execution via usermode because 0x9C402401 using METHOD_NEITHER results in a read primitive.

CVE-2019-19197 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
nafiez.github.io/2019-11-16-kyrol-internet-security-driver-issue.md at master · nafiez/nafiez.github.io · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/nafiez/nafiez.github.io/blob/master/_posts/2019-11-16-kyrol-internet-security-driver-issue.md

(0-Day) Kyrol Internet Security (2015) - Multiple
Vulnerability in Kernel Driver - Security Research

Exploit

Third Party Advisory

nafiez.github.io

text/html

MISC

nafiez.github.io/security/vulnerability/2019/11/16/kyrol-internet-security-driver-issue.html

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Kyrolsecuritylabs	Kyrol Internet Security	9.0.6.9	All	All	All
Application	Kyrolsecuritylabs	Kyrol Internet Security	9.0.6.9	All	All	All
cpe:2.3:a:kyrolsecuritylabs:kyrol_internet_security:9.0.6.9:*:*:*:*:*:						
cpe:2.3:a:kyrolsecuritylabs:kyrol_internet_security:9.0.6.9:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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