



# Vulnerability Report

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## CVE Identifier

CVE-2021-42205

## Affected Projects

ELAN Miniport touchpad Windows driver

## Affected Versions

Driver versions prior to 24.21.51.2.

## Description

With ELAN Miniport touchpad Windows driver prior to 24.21.51.2, if a program sends a special IOCTL code to the driver, driver will handle the IOCTL request twice and cause system crash (Blue Screen Of Death.)

## Vulnerability Type

System crash

## Impact

This issue only occurs if a software engineer knows the specific IOCTL number and develops a program and runs this program with ELAN driver version prior to 24.21.51.2. No private information is revealed due to this system crash.

## Severity

Low

## Patch

Driver v24.21.52.3

## Acknowledgements

ELAN would like to thank Dewang Ahluwalia for reporting this issue.