

Subject: Prevention Against Flaw Present in Wireless Mouse and Keyboard (Advisory No. 08 Dated 18 May 2016)

1. Introduction. A flaw named "Mouse jack" has been identified by researchers. The flaw can be exploited to hack a computer if a wireless keyboard or mouse is used.

2. Affected Devices. Almost all wireless keyboards and mice are affected by this flaw.

- a. Hacker identifies wireless signals between wireless keyboard / mouse and target computer.
- b. Wireless connection is hijacked which allows the hacker to force pair their own wireless keyboard and mouse.
- c. Once the hacker gains access to the victim's computer, the following activities can be performed:-
 - (1) Install malware for further hacking.
 - (2) Steal personal / official files and data.
 - (3) Destroy / delete data on HDD.
 - (4) Change system settings.

5. Recommendation. The following workarounds should be performed to fix the problem:-

- a. Avoid using wireless mouse and keyboard on sensitive / official computers and laptops.
- b. Firmware upgrade of affected wireless keyboards and mice (if available online) be carried out through the technical department.