

G DATA USB KEYBOARD GUARD and BadUSB



TRUST IN
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BADUSB - ON ACCESSORIES THAT TURN EVIL

USB has become so commonplace that we rarely worry about its security implications. USB sticks undergo the occasional virus scan, but we consider USB to be otherwise perfectly safe – until now.

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BadUSB – What is it?

USB devices generally have a good reputation - despite the fact that, since the attacks by the Conficker-worm, the majority of users have been aware that even USB data media can represent a risk for computer systems in both a company and a private environment.

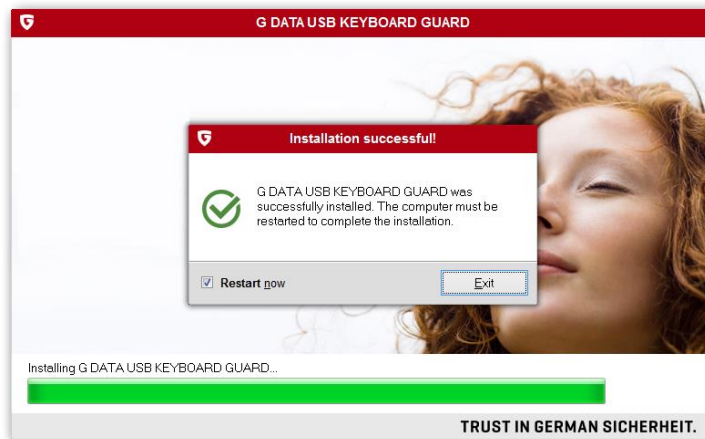
In August 2014, two researchers from Berlin-based Security Research Labs (SRLabs) went a step further, with a new attack method named 'BadUSB'. At the Black Hat hacker conference in Las Vegas, they demonstrated the manipulation of USB device firmware, which is included in a similar format in every USB device. If the implementation of this proof of concept gets out into the open and reaches the 'bad guys', any USB device from a mouse or printer to a digital camera could be turned into an attack vector in future!

At the end of September 2014, at DerbyCon, two other researchers published/showed the source and attack code to the public in-the-wild!

G DATA USB KEYBOARD GUARD – What is it?

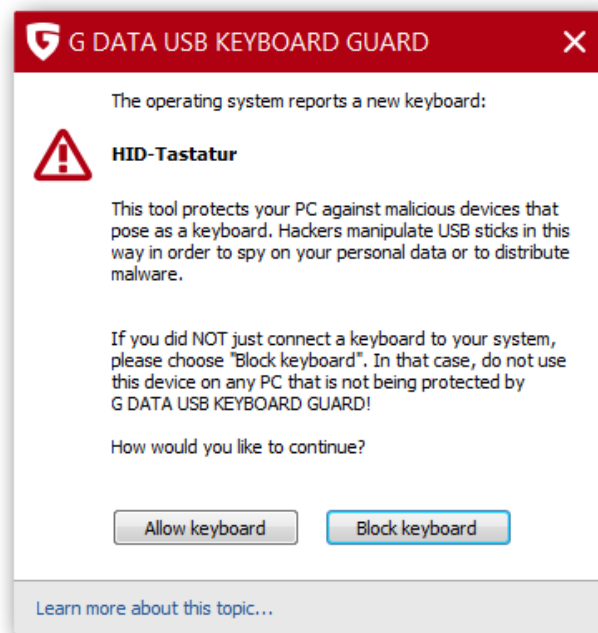
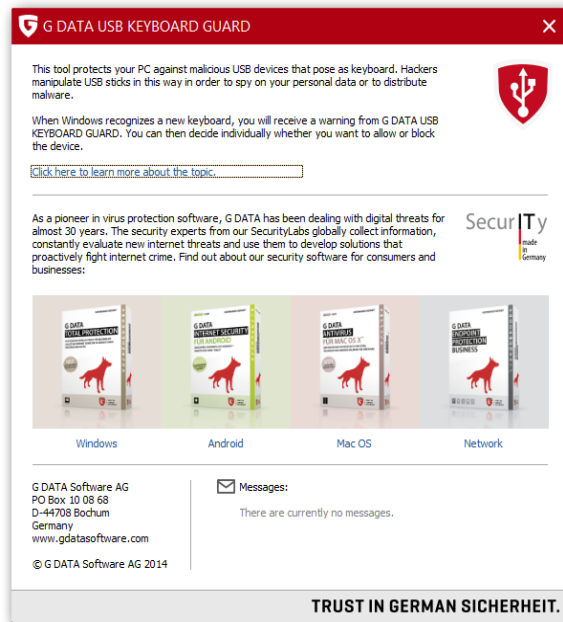
Not even G DATA can prevent the firmware in USB devices being manipulated or rewritten - that is down to the device manufacturers.

However, with USB KEYBOARD GUARD, G DATA now offers the option of protection against the most probable form of the new USB attacks. The tool allows to easily detect if additional keyboards are trying to connect to the PC, possibly to cause damage.



G DATA USB KEYBOARD GUARD – Where is it?

- Free stand alone tool to download now (can be combined with other security software)
<https://www.gdatasoftware.com/en-usb-keyboard-guard.html>
- Will be integrated into our security products (beginning of next year)



Thanks for your attention
Questions?