

## **ABSTRACT**

# ***ANALYSIS OF THE WAY OF WORK AND IMPLEMENTATION OF EVILDUINO BADUSB USING ARDUINO PRO MICRO ON WINDOWS OPERATING SYSTEMS***

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*The Windows operating system is an operating system commonly used by many people. Universal Serial Bus (USB) is one of the mechanisms used by many people with practical plug and play functionality, making data transfer fast and easy compared to other hardware devices. In this easy time, a method called Evilduino that allows someone to plant a reverse shell backdoor and exploit important files simply by connecting USB to the target computer without being noticed. This study aims to implement and analyze BadUSB Evilduino. The study was conducted to see whether planting a back shell backdoor and exploiting files on the target computer using BadUSB Evilduino can be done or not. Recommendations are also given to prevent attacks based on the results of tests conducted. The results obtained were planting a back shell backdoor and exploiting important files on the target computer using BadUSB Evilduino successfully.*

*Keywords: BadUSB, Universal Serial Bus (USB), reverse shell, backdoor, file exploitation, Evilduino.*