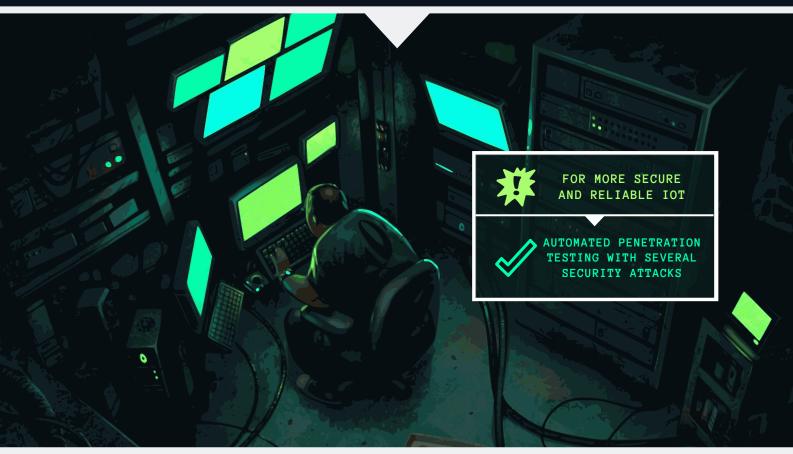


Automated IoT Penetration Testing Tool



PENIOT



PROBLEM

As Internet of Things (IoT) takes over the world, more devices, more protocols, more device vendors enter our world, but ...

- Many loT devices have serious security flaws. Huge variety of loT devices and protocols means doing loT security tests manually would be very time consuming.



WHAT DOES PENIOT PROVIDE?

- Novel, it is the first serious automated testing tool for IoT devices
- Security tests for four common IoT protocols by default (AMQP, Bluetooth Low Energy, CoAP, MQTT)
 Extendable, users can integrate new
- attacks or protocols

Report generation facility An easy to use graphical user interface

SOLUTION

- An automated extensible penetration
- testing tool for IoT devices
 Targeting IoT devices on their internet
 connectivity with different security attacks
- Creating fast end-to-end product testing environment and exposing security breach scenarios.



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