

ATTACK DETECTION OF IOT DEVICES

As the Internet of Things (IoT) continues to explode, another critical asset must address the significant security concerns. This document will address those concerns with the latest in security. Deception techniques abandon the reliance on known attack signatures and use advanced luring techniques and engagement servers to detect threats. Deception is bridging the detection, prevention, and response of network security.

IoT is growing rapidly, as emerging tools and technologies like smart home devices to efficiency and control at home and in the workplace. Estimates there will be more than 41 billion IoT devices by 2027, up from 2019 forecasts that the enterprise and automotive Internet of Things will reach 1.2 billion by 2020, a 21% increase from 2019².

The number of IoT endpoints, totaling 1.17 billion endpoints in 2019, and is expected to reach 1.2 billion by 2020.

