THE THREE WAVES OF SECURITY INNOVATION



"Advanced Persistent Threat" in response to polymorphic viruses assets, primarily reactive response

New malware samples range from 30K to 50K per day

The rise of cloud and mobile create millions of new entry points. Deployment of new end point technology increases

THE ERA OF INFINITE DATA, AI & IoT

NEW APPROACHES: CONTEXTUAL, AI-BASED, PROACTIVE

Attack Vectors to Monitor: Millions

WAVE

2017: Equifax breach exposes financial information of 143M consumers. KRACK and BlueBorne exploit WiFi and bluetooth on billions of devices More than 200,000 new malware samples released per day

> New attack vectors exponentially and continually increasing and evolving

Sophisticated adversaries launch precision targeted attacks that rely on demographics and psychographics

IoT compromises increasing.

The top three botnet kits — Andromeda, Gamarue and Wauchos estimated to be responsible for compromising more than a million devices a month

THIS IS NOT A HUMAN SCALE PROBLEM ANYMORE

Balbix is security for the Third Wave. Using specialized AI and deep learning for continuous inventory and monitoring of the attack surface, Balbix BreachControl[™] offers predictive assessment of breach risk, a prioritized list of mitigation actions, and prescriptive fixes to avoid breaches and increase cyber resilience.

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