How the Threat Landscape Has Changed During 2020

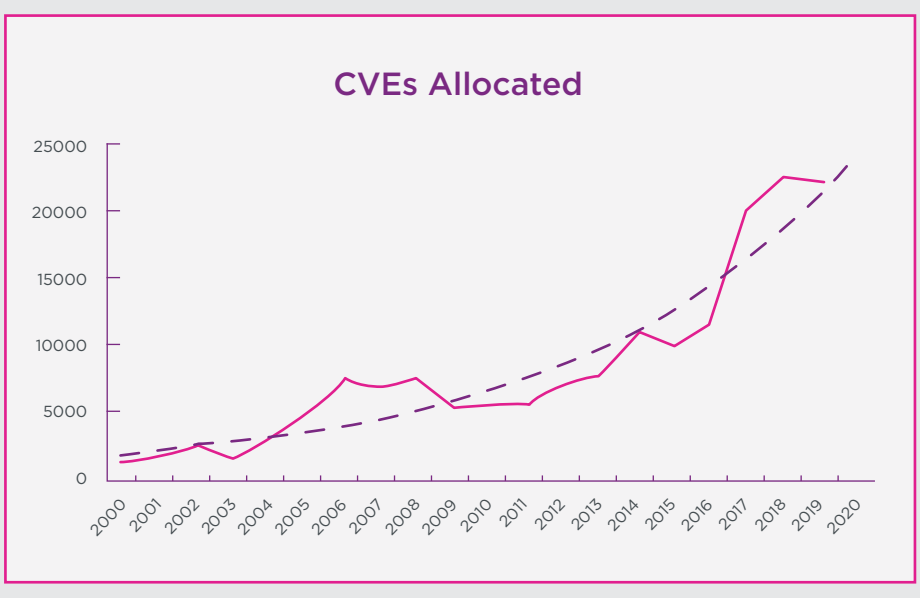
COVID-19 has thrown the world into chaos, providing the perfect environment for attackers to thrive. The mid-year update to the 2020 Vulnerability and Threat Trends Report analyzes the vulnerabilities, exploits and threats that made themselves known in the first half of the year, revealing the cybersecurity landscape to be more complex than ever.

Report at a Glance

20,000+
New vulnerabilities expected in 2020 — shattering previous records

72%
Increase in new ransomware samples

50%
increase in mobile vulnerabilities

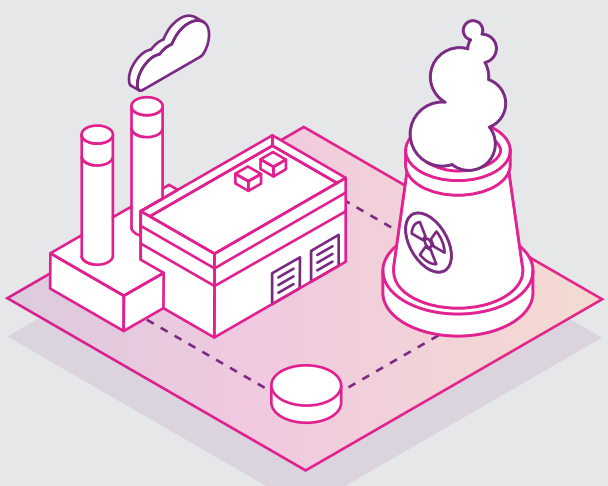


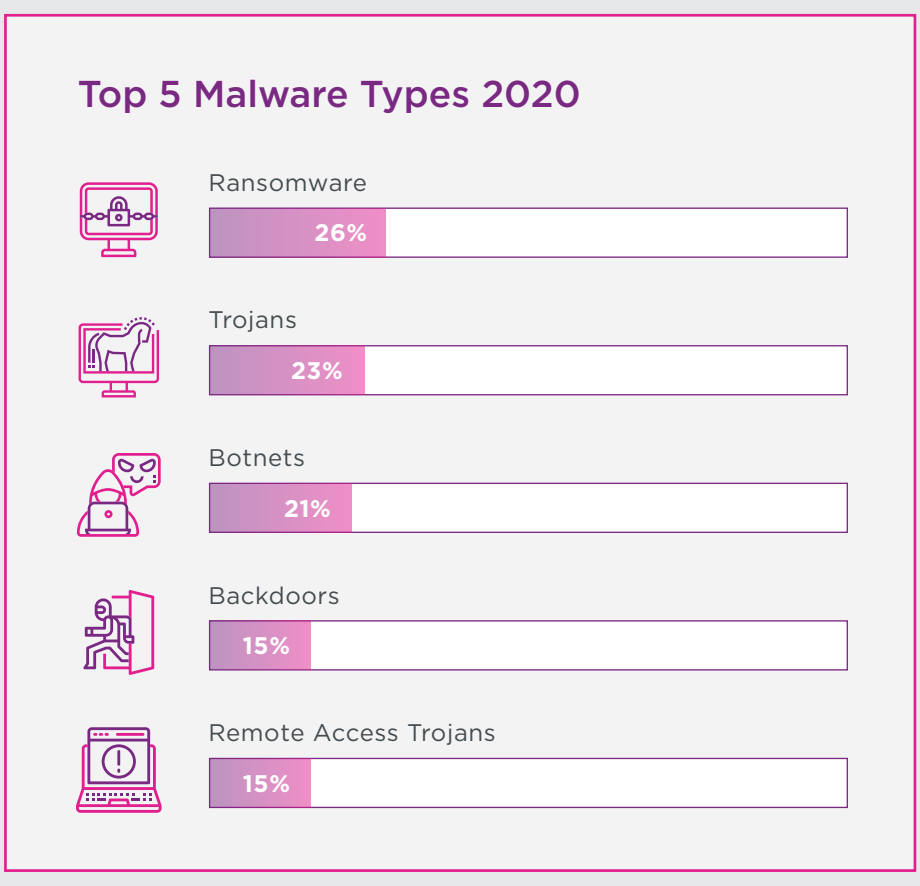
2020 will break new vulnerabilities record

With 20,000+ new vulnerabilities expected this year, security leaders' workloads will increase at a time when they are focused on maintaining business continuity.

New OT advisories increase

Attacks on critical infrastructure have increased during the COVID-19 crisis: a **14% increase** in new OT flaws serves as a reminder of how exposed OT environments have become.





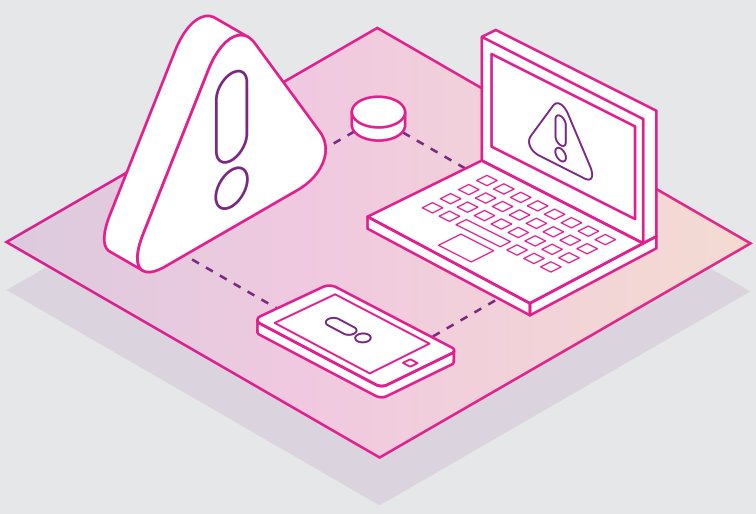
New ransomware and trojan samples soar

Criminals have seen opportunity in COVID-19 and have been using ransomware to target critical infrastructure, including research labs and health care companies.

110%

New Android vulnerabilities

A large increase in new Android flaws pushed total new mobile vulnerabilities up 50% — at a time when a mass remote workforce blurs the line between personal and corporate devices.



Newcomers to most vulnerable product list

Flaws in Edge Chromium and iPadOS — two products used in both personal and corporate environments — highlight how far the network perimeter has widened.

Chaos Needs Context

Navigating the challenges thrown up by the COVID-19 crisis while managing a record-breaking number of vulnerabilities is a huge task. Understanding internal and external context is central to creating simpler and more efficient security programs. The report explains the current state of play for external threats. To understand internal threat context, you need to correlate vast and varied intelligence sources from within your infrastructure. It is only then that you will have a security program robust enough to carry you through into a post-COVID world.

Resources:

Report: 2020 Vulnerability and Threat Trends Report Mid-Year Update
Whitepaper: Risk-Based Vulnerability Management

www.skyboxsecurity.com