

MID-YEAR UPDATE

2023

SONICWALL CYBER THREAT REPORT

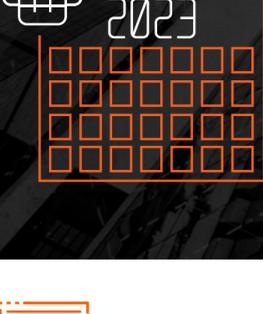
TRACKING CYBERCRIMINALS INTO THE SHADOWS

#KnowTheThreats

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Cybercriminals showed a preference for quieter attacks in the first half of 2023, shifting from or augmenting ransomware with cryptojacking, IoT malware and encrypted threats.



“As the threat landscape continues to expand, our data indicates threat actors are more opportunistic than ever, targeting schools, state and local governments, and retail organizations at unprecedented rates.”

Bob VanKirk | SonicWall President and CEO

CRYPTOJACKING

^399%

Attack volumes rose **399%** to more than **332 million**, which represents a new record high – exceeding the full-year totals for 2020, 2021 and 2022 combined.



332M

MALWARE

Threat researchers recorded **2.7 billion** malware attempts globally. In June, volume surged to **576 million** – the highest monthly malware total recorded since March 2020.



2.7^B MALWARE ATTACKS

Top States for Malware Attacks:



But the state where you're most likely to see an attack?
Kansas

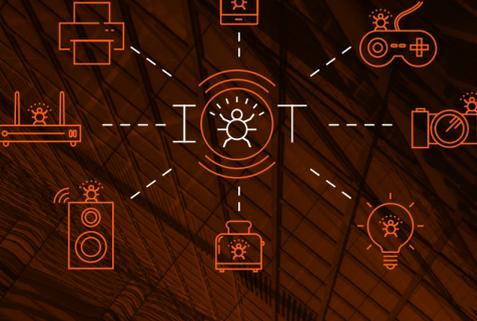
EDUCATION

Customers in the Education field were some of the hardest-hit by cybercriminals in the first half of 2023:

- Malware: Up **179%**
- Encrypted Threats: Up **2,580%**
- Cryptojacking: **320x** more attacks

But there was a reduction in ransomware attacks, which fell **38%**.

IoT MALWARE

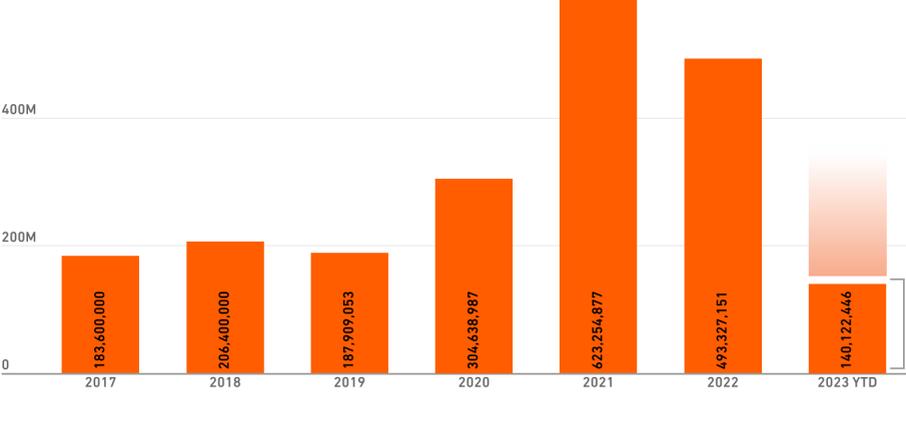


IoT malware attacks reached **77.9 million**, up **37%** year to date and higher than any other six-month period on record. This total not only exceeds the midyear total for 2022 by more than **20 million**, it also exceeds the full-year total for both 2020 and 2021, and is more than 2018 and 2019 combined.

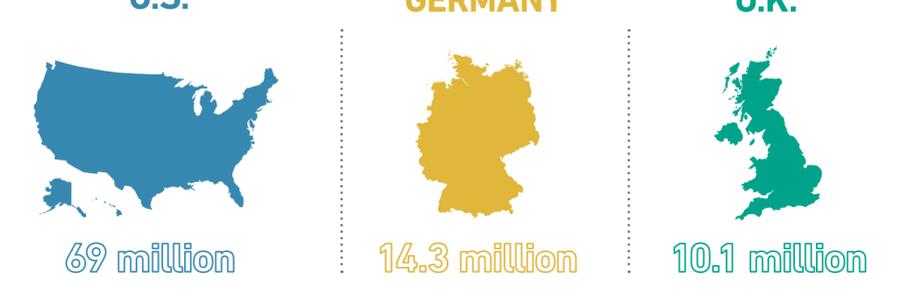
RANSOMWARE

We recorded **140.1 million** ransomware attacks, down **41%** year to date. But ransomware rose in April, more than doubled in May and jumped again in June – indicating ransomware may be rebounding.

Global Ransomware Volume by Year



Top 3 Countries for Ransomware:



ENCRYPTED ATTACKS

Malware over HTTPS jumped by nearly a quarter in the first six months of this year, enough to give 1H 2023 the **highest-ever volume**.

^22%

MALICIOUS FILE TYPES

Malicious PDFs fell **10%** year to date, and malicious Microsoft Office files fell **75%** compared with the same time period in 2022.



INTRUSION ATTEMPTS

In the first six months of 2023, we recorded **3.7 trillion** overall intrusion attempts globally – a **21%** increase over the first half of 2022.

CYBER THREAT INTELLIGENCE FOR CHARTING CYBERCRIME'S SHIFTING FRONTLINES.

Get the full Mid-Year Update to the 2023 SonicWall Cyber Threat Report for exclusive data on 2023's rapidly evolving trends and tactics, including industry- and location-specific data.



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