



INTO THE WEB OF PROFIT

NATION STATES, CYBERCONFLICT AND THE WEB OF PROFIT

THE WORLD IS CLOSER THAN EVER TO ADVANCED CYBERCONFLICT AS NATION STATE ACTIVITY ESCALATES

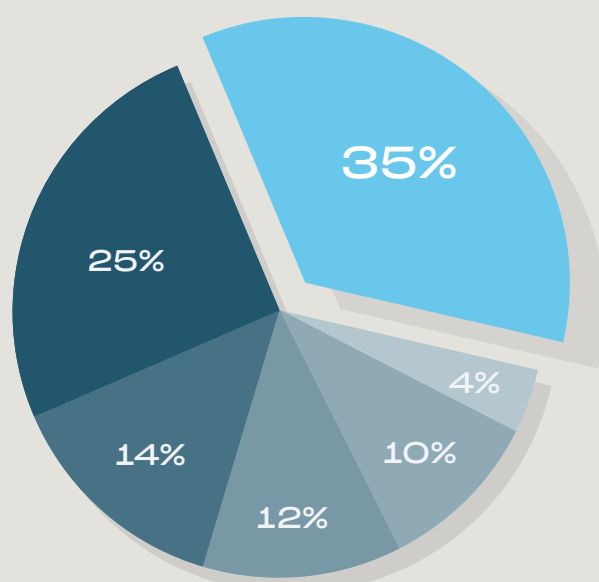
Nation State cyberattacks **rose 100%** between 2017 and 2020

64% of experts¹ saw a worrying escalation in cyber tensions

75% of experts say Covid-19 was a significant opportunity to exploit

Over **40% of cyberattacks** involved physical and digital components

THE ENTERPRISE IS THE NUMBER ONE TARGET FOR NATION STATES



ENDPOINTS ARE THE FIRST LINE OF DEFENSE – PROTECT THEM

Refocus protection – Endpoints are the number one point of infection, defend them

Stay ahead of threats – Adopt endpoint security architecture built on Zero Trust principles

Secure-by-design – Resilience should start at hardware level, then extend across software and services

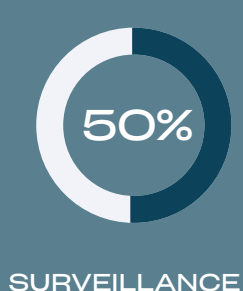
Reinforce your endpoints – Harden defenses to contain threats and recover from cyberattacks

NATION STATE CYBERWEAPONS VARY IN SOPHISTICATION AND SCOPE

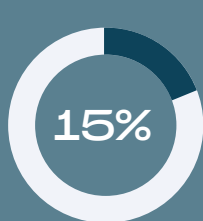
50% OF CYBERATTACKS INVOLVED LOW BUDGET TOOLS

20% OF CYBERATTACKS INVOLVED CUSTOM-MADE MALWARE OR WEAPONIZED EXPLOITS

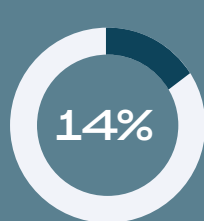
MOST COMMON APPLICATIONS FOR CYBERWEAPONS ARE:



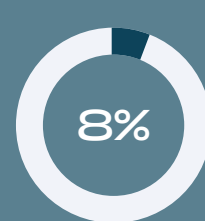
SURVEILLANCE



NETWORK INCURSION
AND POSITIONING



DAMAGE OR
DESTRUCTION



DATA
EXTRACTION

¹ Expert insight obtained from a survey of 50 leading practitioners in law enforcement, government, intelligence, cybersecurity, media & journalism, NGOs and academia

ABOUT THE RESEARCH

Into the Web of Profit is an academic study that was originally launched by Bromium in April of 2018 – Bromium was acquired by HP in September 2019. The report is sponsored by HP, and researched and written by Dr. Mike McGuire, Senior Lecturer in Criminology at the University of Surrey. *Nation States, Cyberconflict and the Web of Profit* is the fourth installment in the Web of Profit body of research. The findings contained in this report are the culmination of an analysis of known Nation State cyberattacks up to February 2021, alongside interviews with an expert panel of leading practitioners.