



Security Navigator 2024

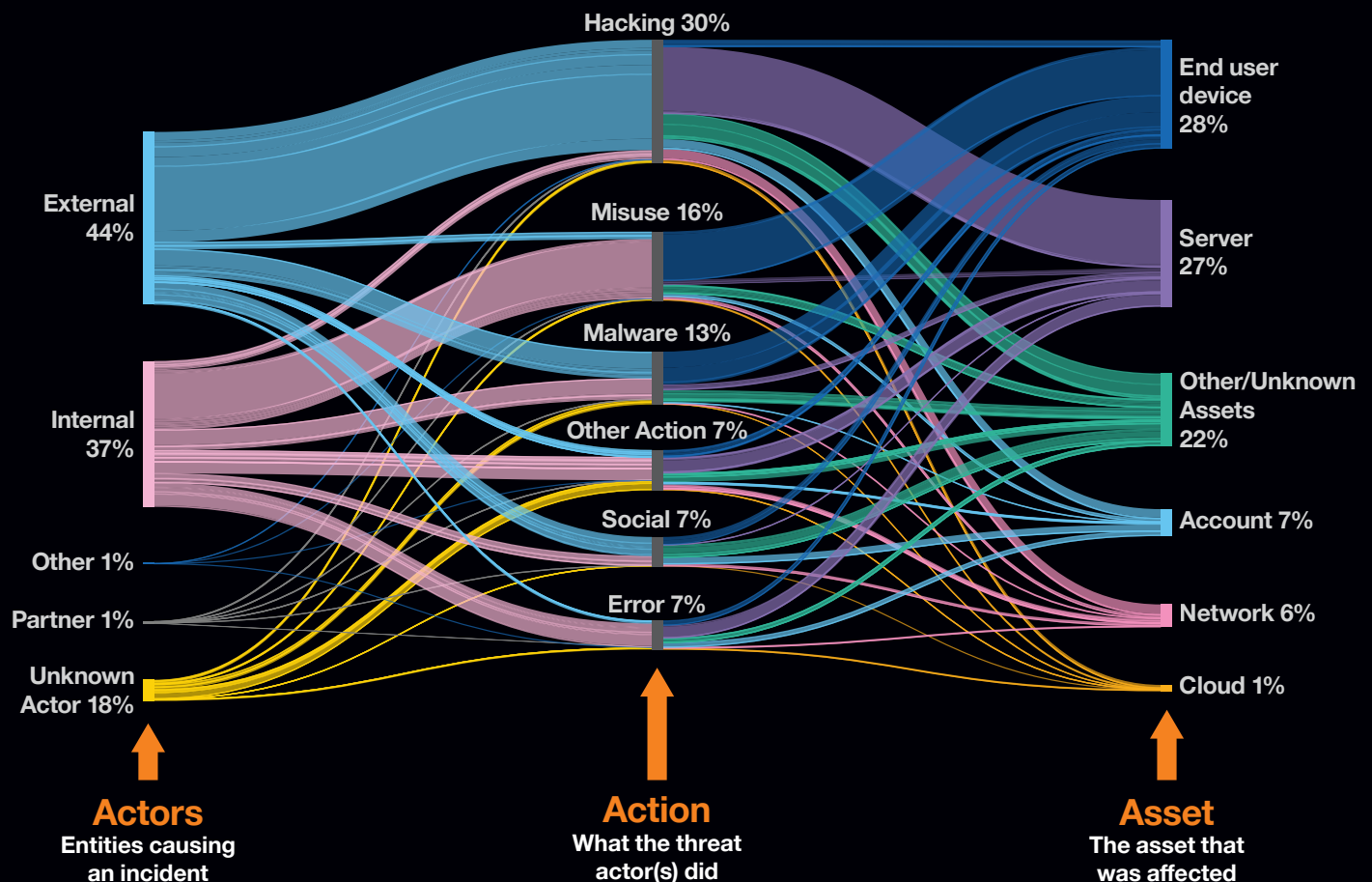
Research Summary

Key data on Cybersecurity

- Orange Cyberdefense has built proprietary cyber threat intelligence capabilities over several years, leveraging its own and partner sources across 160 countries. Our security operations centers detected 129,395 potential incidents, of which 25,076 were confirmed as True Positive.
- We are proud to share this year the 5th edition of our Security Navigator. The past five years allowed us to consolidate our analysis methods as well as put underlying threat trends into perspective. This report aims to help CISOs and security experts to refine their security strategy.
- This Research Summary includes some samples of the data and analysis in the Security Navigator 2024 report



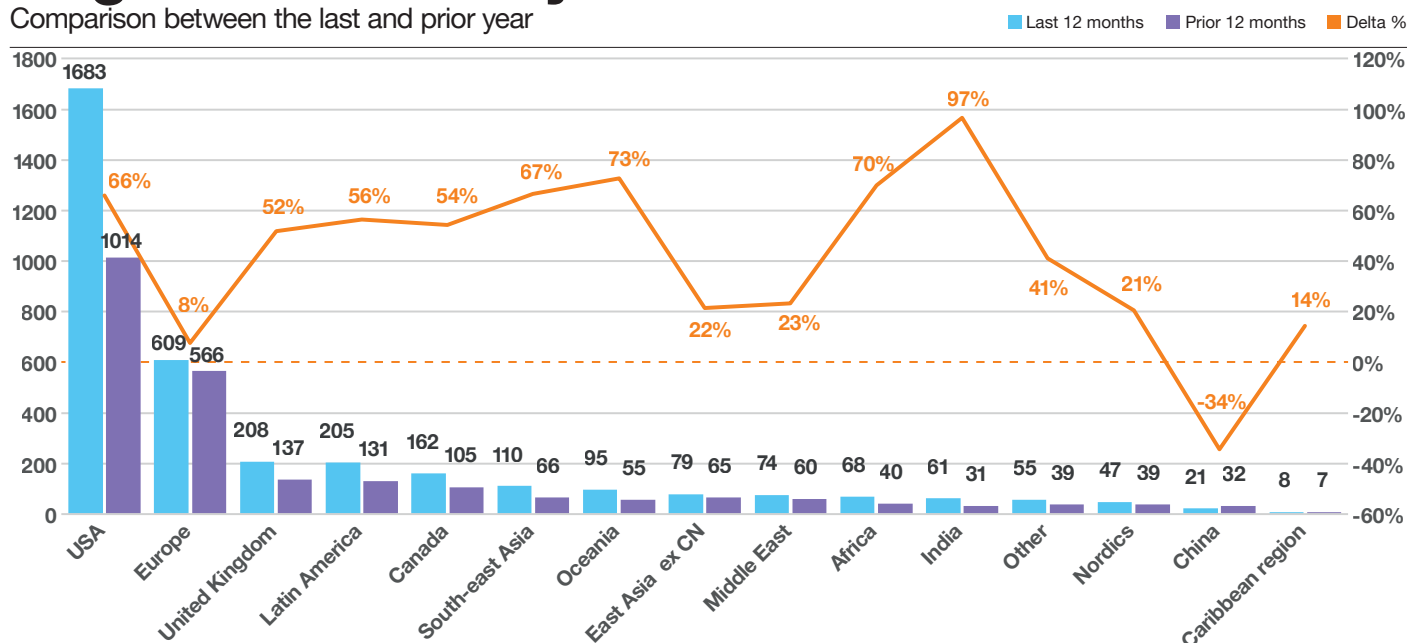
Funnel: 129,395 incidents ► 25,076 confirmed security incidents



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Regional shift in Cy-X victim count

Comparison between the last and prior year



Some key topics:



The surge in Cyber Extortion (Cy-X) continues. CI0p has claimed 514 victims in 43 different countries, but the effectiveness of their unique modus operandi in 2023 is clear to see. It impacted so many 2nd and 3rd level victims that it clearly impacted our Cy-X victim data, which we explore extensively in this report. CI0p accounts for 373 victims in 2023, significantly inflating the 2563 victims recorded for this period from other actors. The 'Finance and Insurance' sector in particular recorded a 106% increase in Cy-X victims, largely at the hands of CI0p.



Law enforcement is not as effective as it should be. We examine how effective LE disruption efforts have been thus far, by examining the lifespan of Threat Actors and noting how they have changed over time. 54% of Cy-X 'brands' disappear after 1 to 6 months. 2023 has seen a further escalation in volatility: While 25 groups disappeared after 2022, a further 23 survived from the previous year, and a record 31 new Cy-X brands were identified.



The past, present and future of attacks on Operational Technology. In this year's report we define 5 types of cyberattacks that can affect OT. We then analyze 35 years of OT attacks and assess what kinds of attacks we've really been seeing in the OT space. From our analysis of the history of OT cyberattacks, we note that the landscape is shifting towards techniques that target IT, and only inadvertently impact OT. This trend provides fortunate breathing room for OT defenders.

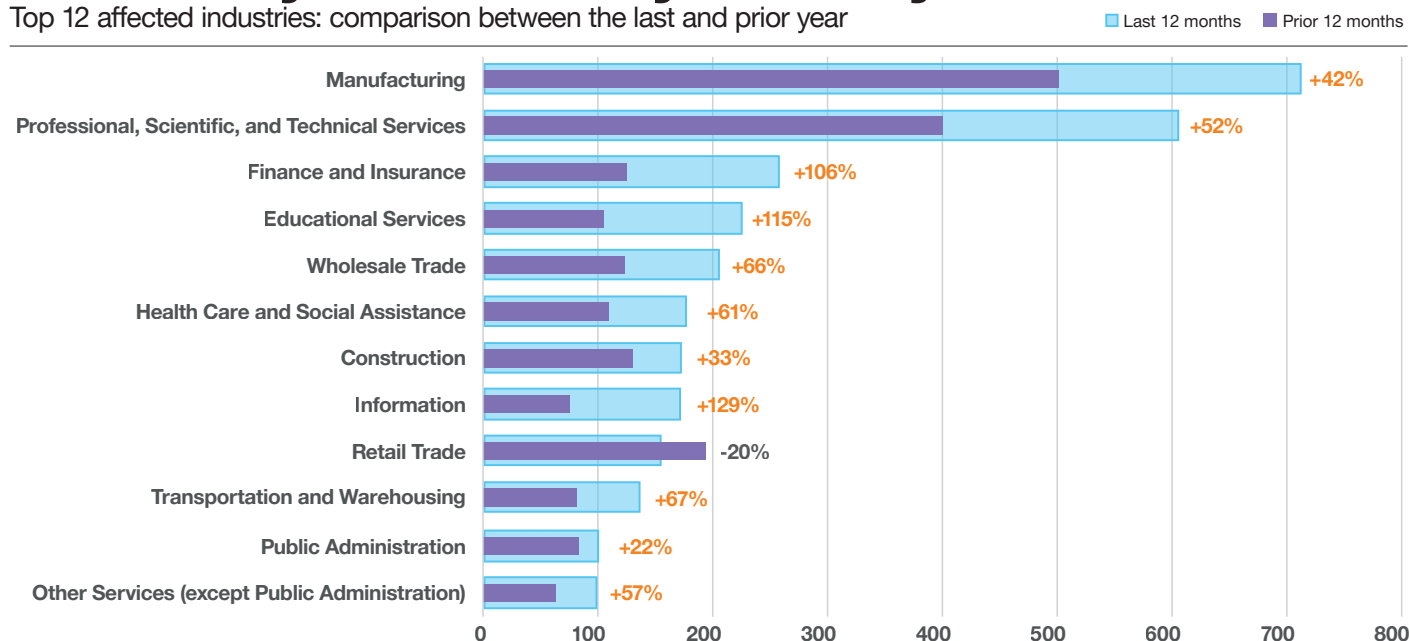


When governments play (smaller countries lose). The war against Ukraine has of course continued to fuel ongoing cyber activities. Cyber operations have become an effective tool, and at a relatively low price point they are becoming increasingly popular. There have been countless examples of government hacking campaigns against multiple targets. The Security Navigator 2024 features an in-depth study of some example actors and their activities – specifically Anonymous Sudan and NoName057(16).

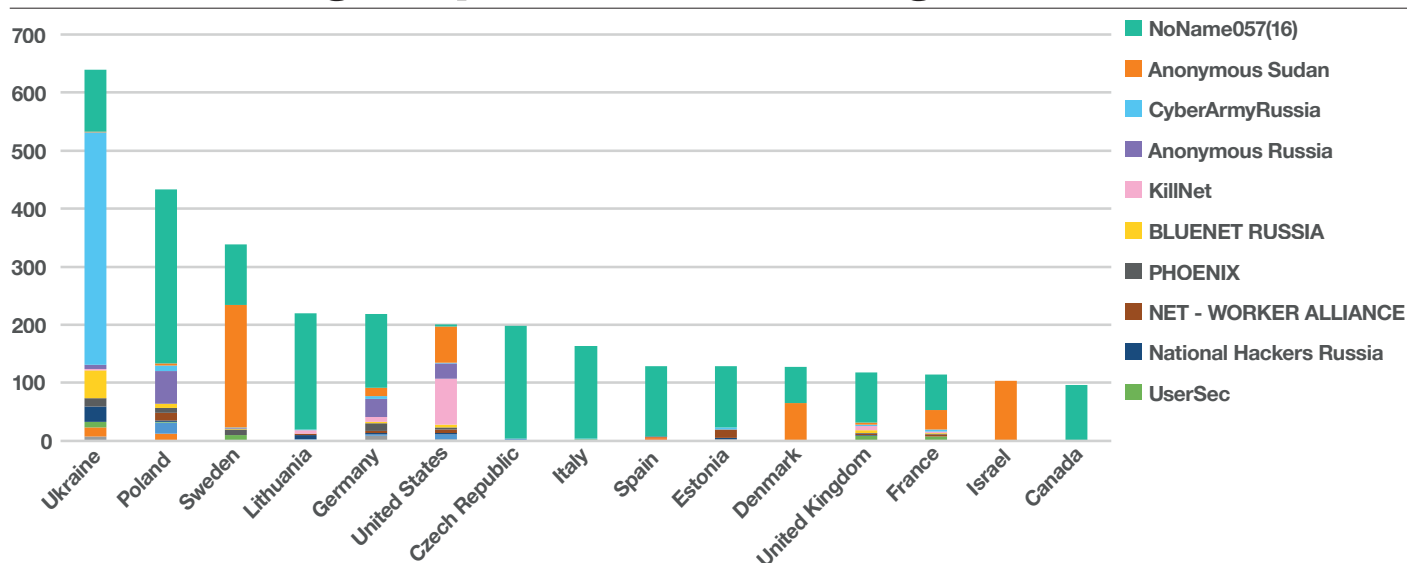
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Shift in Cy-X victims by industry

Top 12 affected industries: comparison between the last and prior year



Hacktivist groups and their targets



About Orange Cyberdefense

Orange Cyberdefense is the Orange Group's entity dedicated to cybersecurity. It has 8,700 customers worldwide. As Europe's leading cybersecurity service provider, we strive to protect freedom and build a safer digital society. Our services capabilities draw their strength from research and intelligence, which allows us to offer our clients unparalleled knowledge of current and emerging threats. With 25 years of experience in the field of information security, 3,000 experts, 18 SOCs and 14 CyberSOCs spread around the world, we know how to address the global and local issues of our customers. We protect them across the entire threat lifecycle in more than 160 countries.

For more information check www.orangecyberdefense.com/