2023 CYBER THREAT ANALYSIS

Beaming has analysed cyberattacks targeting thousands of UK-based businesses since the beginning of 2016 to understand their nature and origin better. Find out what the latest analysis reveals:

2023 WAS THE WORST YEAR EVER FOR ONLINE CYBER ATTACKS

720,252
The number of malicious attempts experienced by each UK business
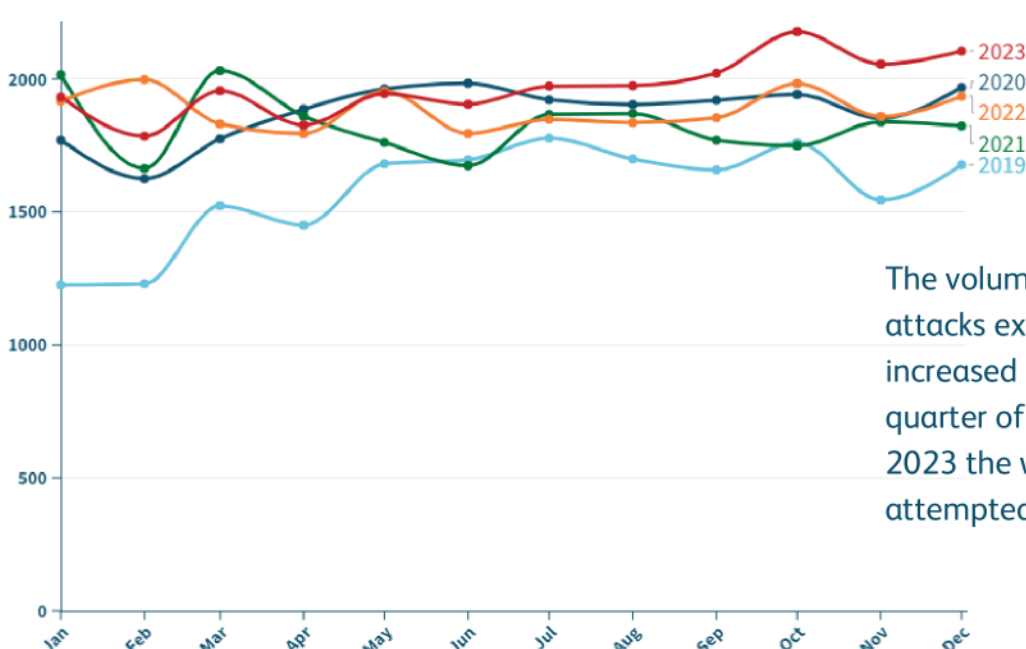
8%
The increase in the number of attacks compared to 2022

44 seconds
The frequency in which each business receives a threat attempt

HOW HAS THE NUMBER OF ATTACKS PER BUSINESS CHANGED?

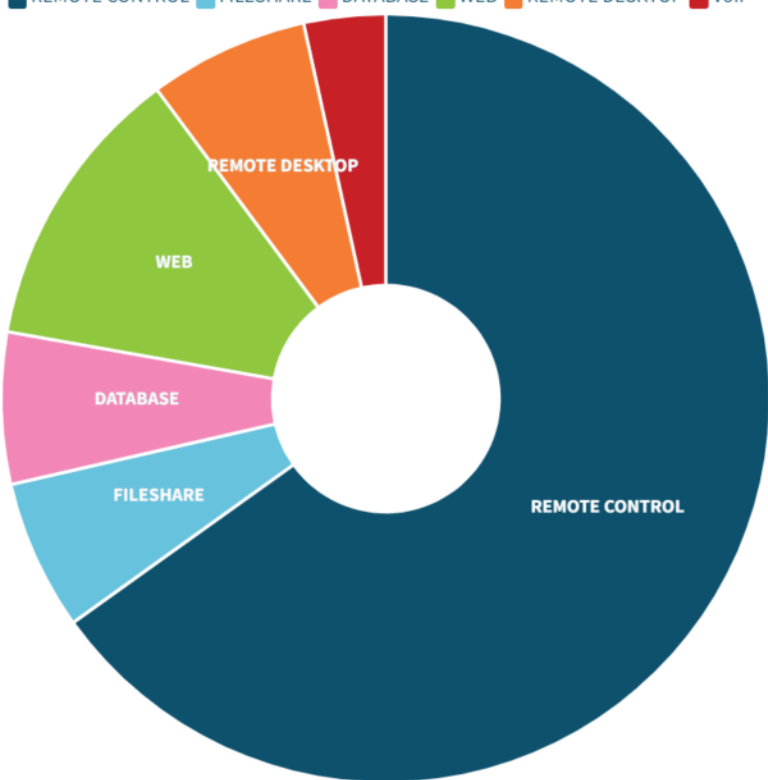■ 2019 ■ 2020 ■ 2021 ■ 2022 ■ 2023

The volume of internet-borne cyber attacks experienced by UK businesses increased by ten per cent in the final quarter of last year, helping to make 2023 the worst year ever for attempted cyber attacks.

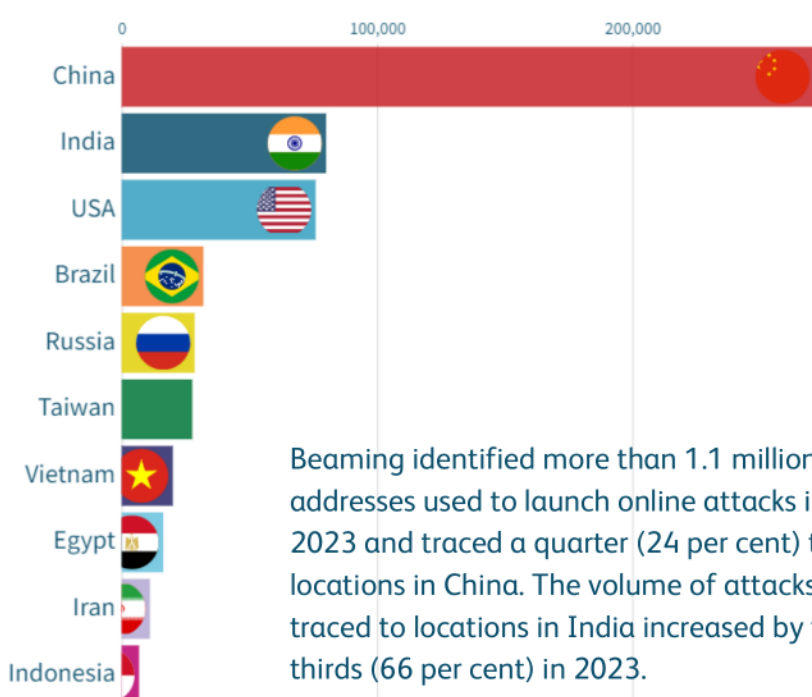## WHAT ARE THE MOST TARGETED APPLICATIONS?S

■ REMOTE CONTROL ■ FILESHARE ■ DATABASE ■ WEB ■ REMOTE DESKTOP ■ VoIP

Remotely controlled devices connected to the Internet of Things continued to attract the highest volume of targeted attacks in 2023.

What's the Internet of Things? The Internet of Things (IoT) consists of various devices that use the internet to communicate. This includes networked security solutions, printers, and most devices labelled as being "smart", such as speakers, building temperature controls and health monitors.

WHERE ARE THE ATTACKS COMING FROM?

China
India
USA
Brazil
Russia
Taiwan
Vietnam
Egypt
Iran
Indonesia

Beaming identified more than 1.1 million IP addresses used to launch online attacks in 2023 and traced a quarter (24 per cent) to locations in China. The volume of attacks traced to locations in India increased by two-thirds (66 per cent) in 2023.

HOW CAN YOUR BUSINESS USE CYBER THREAT DATA?

There are many ways in which your business could use cyber security statistics to support your growth. Here are 5 key areas:

- Supporting staff training
- Complying with regulatory requirements
- Deciding the next steps in your cyber strategy
- Prioritising investment in cyber security
- Staying ahead of competitors