# 2019 SONICWALL CYBER THREAT REPORT

## Know their plans.
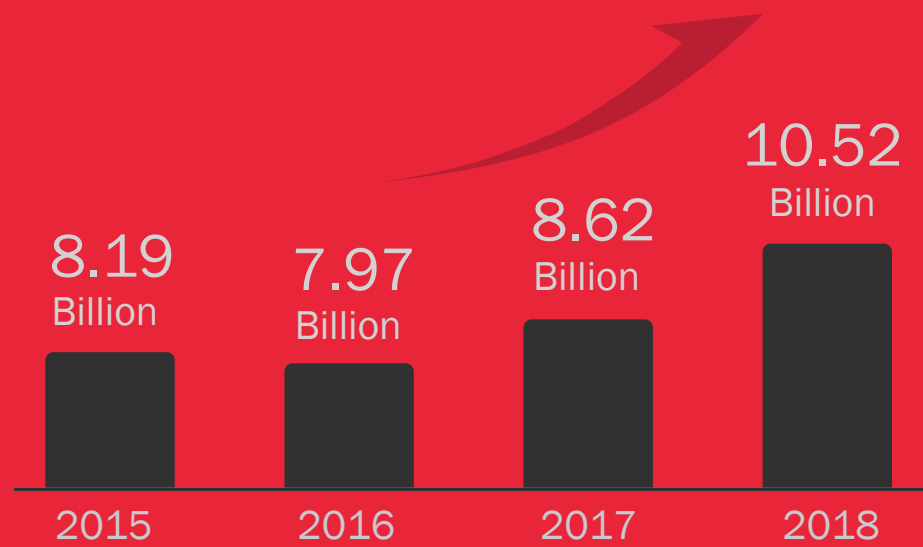## Know their attacks.
## Know how to stop them.

A cyberattack is personal. At its core, they strip organizations, their employees, partners and customers of intellectual property, identities, privacy, reputation and monetary asse. Follow the attack trends to understand how and where cybercriminals are targeting enterprises, government agencies and SMBs.

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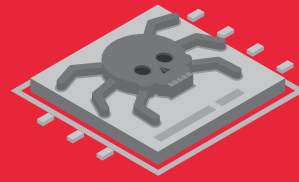
SONICWALL

# MALWARE SPIKES TO RECORD VOLUME

## 10.52 Billion

malware attacks were logged by SonicWall in 2018 — the most ever on record. Since 2016, global malware attacks are up 33.4 percent.
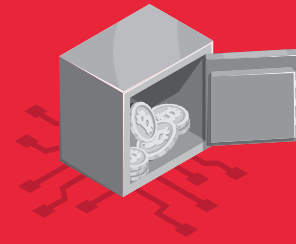
8.19 Billion

7.97 Billion

8.62 Billion

10.52 Billion

2015

2016

2017

2018

GLOBAL MALWARE ATTACKS

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# KNOW WHAT YOU'RE FACING

**24,979**
Malware Attacks

**490**
Ransomware Attacks

**1,276**
Encrypted Threats

22%

11%

27%
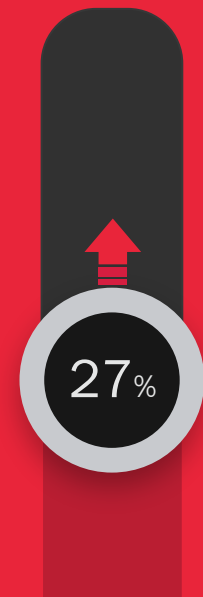
AVERAGE CYBERATTACKS FACED PER CUSTOMER

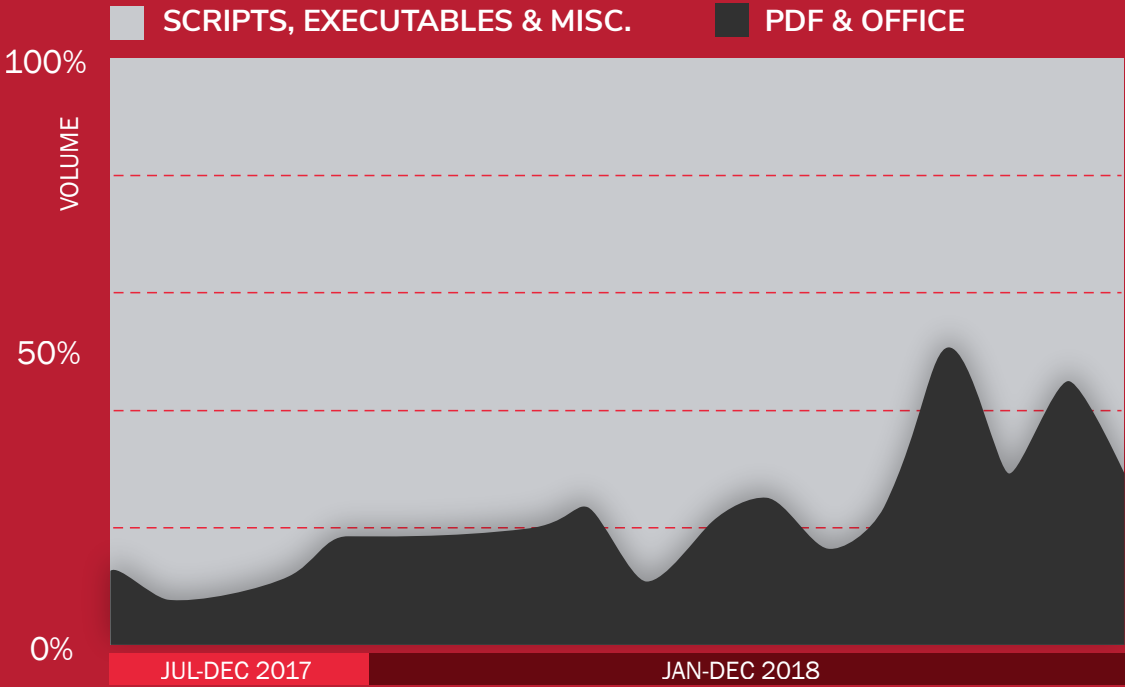LOC **LES OLSON I.T.** COMPANY

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# DON'T TRUST THAT PDF

Cybercriminals are using PDFs and Office files to hide malware and circumvent network defenses. Most security controls cannot identify and mitigate malware hidden in these types of files.

**PDF**

In 2018, SonicWall Capture ATP discovered and blocked new malware variants hidden

## 47,073
### PDF &

## 50,817
### Office files

SCRIPTS, EXECUTABLES & MISC.          PDF & OFFICE

VOLUME

100%

50%

0%

JUL-DEC 2017          JAN-DEC 2018

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# NON-STANDARD PORTS ARE RIPE FOR EXPLOITATION

Locking the front door of your house but leaving the windows open isn't a sound security strategy. That's why cybercriminals are targeting a range of non-standard ports to ensure their payloads can be deployed undetected.
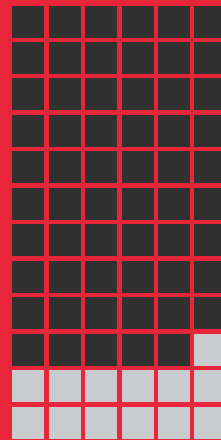
## 19.2%

**of all malware attacks came across non-standard ports in 2018.**
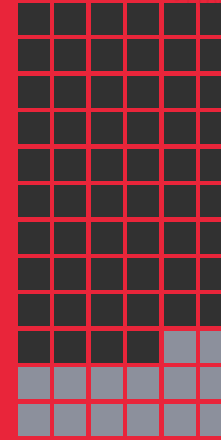
Most organizations aren't safeguarding this vector because of performance and cost concerns, leaving millions of attacks unchecked.
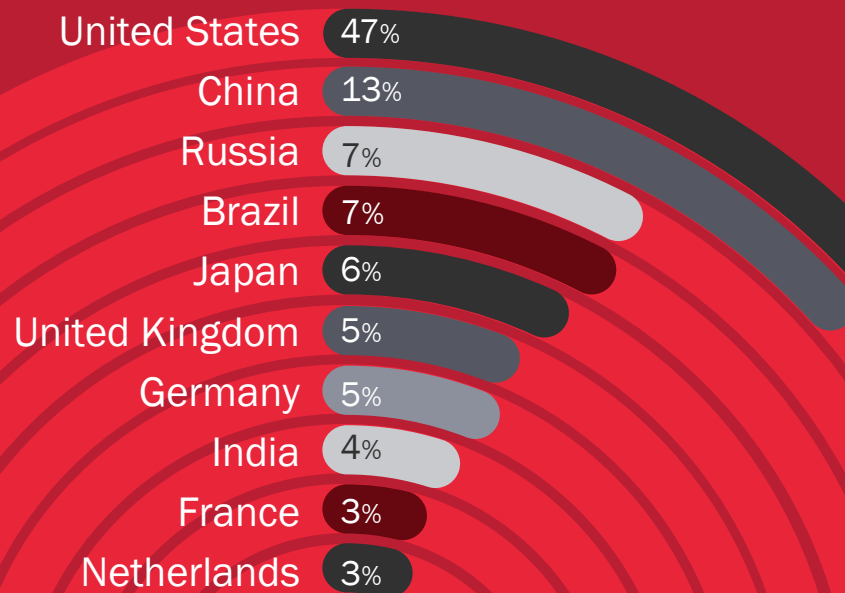
17.7%

2017

19.2%

2018

# BOTNETS ARE LURKING, BUT NOT WHERE YOU

## TOP 10 COUNTRIES HOSTING BOTNETS

| Country | % |
|---|---|
| United States | 47% |
| China | 13% |
| Russia | 7% |
| Brazil | 7% |
| Japan | 6% |
| United Kingdom | 5% |
| Germany | 5% |
| India | 4% |
| France | 3% |
| Netherlands | 3% |

Illegal botnets are created by compromising servers, routers, computers, IoT devices and other hardware connected to the internet. They're used to perform distributed deni-al-of-service (DDoS) attacks, steal data and send spam.

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# HOW SECURE IS YOUR NETWORK?

## FIND OUT WITH A *FREE* SECURITY RISK SCORE,
## A $500 VALUE

Our detailed Network Analysis Report is a 6-8 page Executive Summary that provides an overview of the devices on the network along with a Network Risk Score and analysis of each potential issue uncovered. We will review this document with you and discuss our findings in detail with you to answer any questions you may have

**Request Your Analysis**

→

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