

Keeping up with the enemies: new and growing threats to cyber security



The 2018 Internet Security Threat Report from Symantec, a global leader in cyber security, is out — and the data shows serious security threats for large and small organizations alike. Mobile threats are a growing concern with **mobile malware variants jumping 54 percent in 2017**. Other tactics, like business email compromise (BEC) and phishing, are more persistent and effective than ever. As cyber attacks become more common and the threat landscape diversifies, everyone connected to the internet is at risk.

Business email compromise is an ongoing and widespread security threat.

7,710

organizations hit by a BEC scam every month



In 2017, every targeted organization was attacked an average of 4.9 times.

Beware:

BEC scams often use words like **payment** or **urgent** in the email subject line.



Top subject lines in BEC scam emails:

| | | |
|---|---------------------------|-------|
| 1 | SUBJECT: Payment | 13.8% |
| 2 | SUBJECT: Urgent | 9.1% |
| 3 | SUBJECT: Request | 6.7% |
| 4 | SUBJECT: Attention | 6.1% |
| 5 | SUBJECT: Important | 4.8% |

Spear-phishing emails are the most common method of attack.



71 percent of attacks began with spear phishing.



Beware:

Spear phishing tricks a recipient into opening an attachment or following a malicious link, so every person is vital to an organization's security.



Email remains a common channel for cyber security threats.

In 2017, the rate of email-borne malware fell to 1 in 412 (0.2 percent), from 1 in 131 (0.8 percent) in 2016.



@ 55%

of emails are spam



Malware continues to be one of the most important tools used by targeted attack groups.



increase in new downloader malware variants



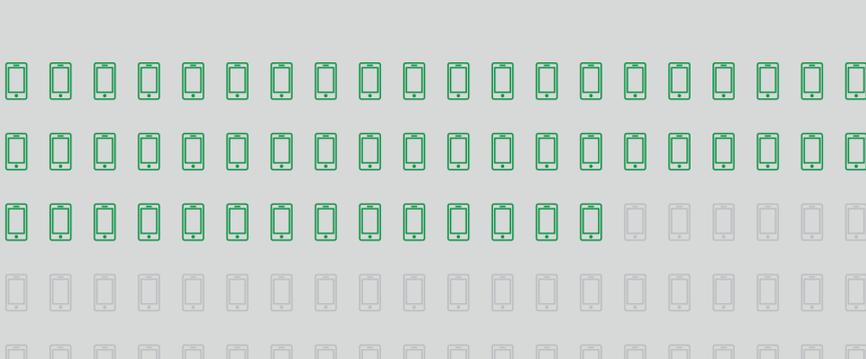
increase in new malware on Macs



increase in new malware variants

Malicious mobile threats are changing and growing every year with Android users being the most common victims.

In 2017, the number of newly discovered mobile malware variants grew by 54 percent.



24,000

malicious mobile apps were blocked on average per day in 2017



Grayware refers to annoying or harmful programs such as hack tools, spyware and accessware, among others.

In 2017, grayware increased by 20%.



Of the grayware apps found in 2017:



Beware:

Many mobile users make themselves vulnerable to attacks through the continued use of older operating systems.



In 2017, only **20 percent** of Android devices were running the newest major version, a **5 percent increase** from 2016.



77.3 percent of iOS devices were running the updated version, a **2.1 percent decrease** from 2016.

For more information, contact your Wells Fargo treasury management representative or visit Treasury Insights at <https://digital.wf.com/treasuryinsights/> for additional fraud resources.

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