



TOP ONLINE THREATS TO SMALL BUSINESSES



43%

of cybersecurity attacks are aimed at small businesses... and this number is expected to increase.



2017 MALWARE DETECTIONS FOR SMALL BUSINESSES



Macro Malware
113,000



Online Banking
66,000



Ransomware
54,000



MACRO MALWARE

Malware that is embedded within files, such as Microsoft documents.

In 2017, 269 billion emails were sent and received. **39%** of those were spam.



HOW TO PROTECT YOURSELF

- ✓ Download attachments only from emails you trust.
- ✓ Check for discrepancies and irregularities, such as misspelled words.
- ✓ Disable macros in Microsoft applications.



ONLINE BANKING MALWARE

Malicious software that steals banking credentials and/or credit card information.



71% of customers use online banking



43% use mobile banking



Thieves only need **9 minutes** to use stolen data.

HOW TO PROTECT YOURSELF

- ✓ Bookmark trusted and frequently-visited websites.
- ✓ Directly type the bank's website address as a precaution.
- ✓ Enable additional authentication measures, such as 2FA, if available.



RANSOMWARE

Malware downloaded from compromised sites or infected files that locks a device until a ransom is paid.



Average amount demanded: **\$1,077**

Average cost to businesses per attack: **\$133,000** (includes downtime, lost opportunities and recovery)



HOW TO PROTECT YOURSELF

- ✓ Beware of suspicious emails with urgent requests for personal information.
- ✓ Avoid opening unknown email or embedded links.
- ✓ Regularly update software to patch vulnerabilities.



www.score.org



Initiative for Education

DIGITAL SAFETY OUTREACH

Work with a **SCORE** mentor to find the cybersecurity solution suited to your business.

SOURCES:

- <https://thebestvpn.com/cyber-security-statistics-2018/>
- <http://www.radicati.com/wp/wp-content/uploads/2017/01/Email-Statistics-Report-2017-2021-Executive-Summary.pdf>
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