# 20 Cyber Security Facts For 2020

**VALLEY TECHLOGIC**

1. It's estimated the total cost of cyber crime will be $6 trillion by 2021.

2. Less than half of companies globally are adequately prepared for a cyber-attack.

3. The top five areas of businesses targeted most for cyber attacks are: Healthcare, Education, Government, Manufacturing and Financial Services

4. Distributed-Denial-Of-Service (DDOS) can represent 25% of a countries internet traffic while they are occurring.

5. Hacking tools and kits have been available in online marketplaces for years, at a cost as low as $1. This makes the cost of entry nearly free to those of ill intent.

6. Another thing that can be bought on the dark web for next to nothing? Personal data such as your social security number, credit card number and more.

7. Over the last year, the number of new malware variants increased by 46%

8. It's estimated 70% of cryptocurrency will be used for illegal activity by 2021.

9. It's expected one business will fall victim to a ransomware attack every 11 seconds by 2021.

10. Some estimates put the size of the Dark Web as 5,000 times larger than the surface web and growing.

11. The number of passwords that will need to be protected is growing, 300 billion globally by 2020.

12. Threats to Android and Iphone phones represent the largest cybersecurity threat in the world, 116.5 million phones were infected in 2018.

13. Ransomware attacks on healthcare organizations are expected to quadruple by 2021.

14. Personal health information is up to 50 times more valuable on the Dark Web than other private information.

15. It's estimated 85% of business assets are in a digital form, making it even more crucial to prevent cyber threats to your business.

16. 1447 million consumer records were stolen by hackers last year.

17. Nearly 60 million Americans were affected by identity theft in 2018.

18. 60% of small companies that suffer a cyberattack are out of business in 6 months, according to the U.S. National Cyber Security Alliance.

19. A new organization will fall victim to ransomware every 14 seconds in 2019, and every 11 seconds by 2021.

20. 97% of breaches could have been prevented with today's technology.