

# Securing the Future: Preparing for the Cyber Threats of 2020



Presented by

**Jon Abbott**  
CEO, ThreatAware

# Top Cyber Threats 2020

1. Ransomware

2. Phishing

3. Business Email Compromise

4. Cloud Attacks

5. Windows 7

# Ransomware in 2019

- 621 government agencies, healthcare providers and schools in the US
- Eurofins UK's largest private forensics provider
- Estimated \$12 billion given to cyber criminals



# Phishing Attacks in 2019

- Phishing accounts for 90% of data breaches
- Around 1.5m new phishing sites are created each month (Webroot)
- Phishing attempts have grown 65% in the last year
- 15% of people successfully phished will be targeted at least one more time within the year



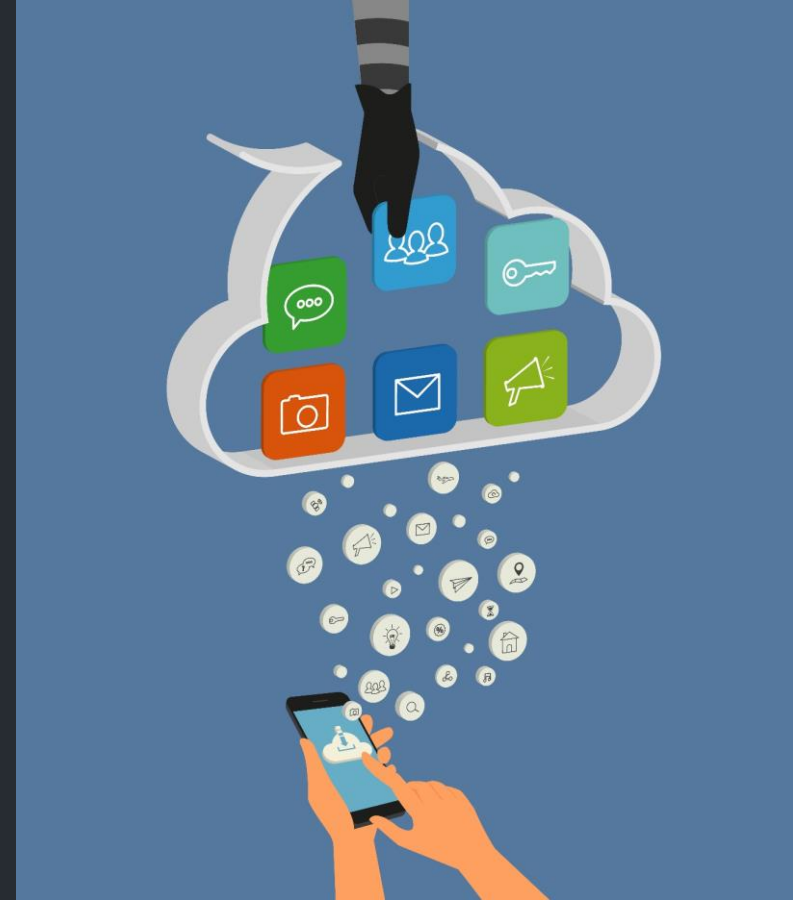
# Business Email Compromise in 2019

- Nikkei lost £22 million in BEC scam in a single transaction
- U.S. companies a total of more than \$300 million a month
- \$26 billion in losses over a three-year period



# Cloud Attacks in 2019

- Magecart Hit **17K Domains**.
- Ford, TD Bank and Netflix all affected by misconfigured S3 buckets.
- Only **1% of public cloud** misconfigurations are caught



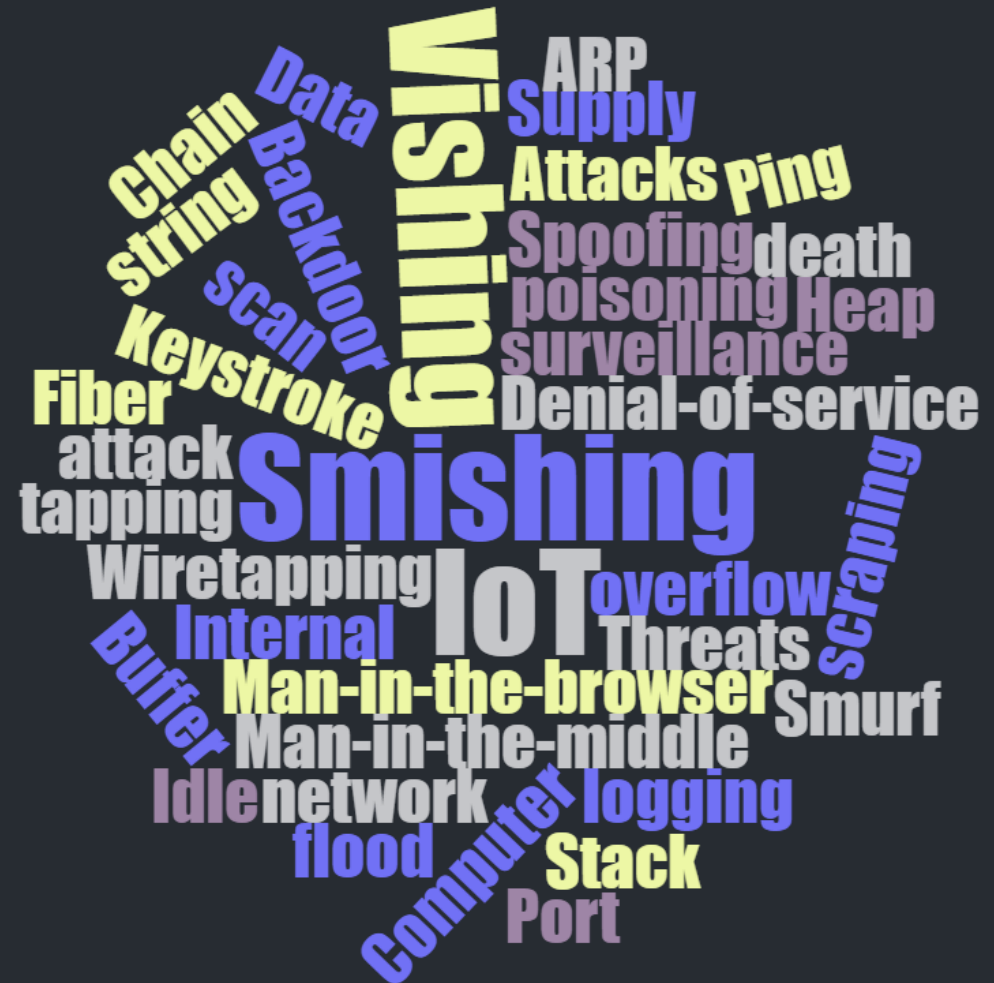
# Windows 7 End of Life

- End of life 14<sup>th</sup> January 2019
- Lots of vulnerabilities will begin to be exploited
- Essential by Q2 latest



# Confusing Landscape

- Smishing
- Vishing
- 5G
- Supply Chain Attacks
- IoT
- Internal Threats





# The principle is easy

1. 2FA everything
2. Web Proxy
3. Patch
4. Encrypt
5. Enterprise Spam Filter



# The reality is more complicated

- Many devices to monitor
- Many cloud applications to secure
- Complex networks
- Continual challenge



# Total cybersecurity management



# Thank you

Contact us at

[hello@threataware.com](mailto:hello@threataware.com)