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Stories from the Front Line… Cybersecurity 2020: A View in Numbers

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Who we are & Why we care:

- BlueFort are the UK's leading independent Cyber Security Integrator

- Key solution partners include: F5, Wandera, RSA,

- 500 + Clients in the UK

- 1 Million + Mobile workers and endpoints under protection

- An ethos and portfolio built on Visibility, Intelligence & Control

- We are at the frontline of Cyber incident response and protection for many clients …..so what do we see:

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It's the Era of MORE.......

- More Data
- More Apps
- More Silos of information in More Locations
- More Endpoints
- More Adversaries
- More Threats
- More Blind spots
- More Regulations / Fines
- More Cybersecurity Staff Shortages

- So what are the stats behind these trends……

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Facts & Stats

- ❖ Worldwide spending on cybersecurity is forecasted to reach $133.7 billion in 2022 ([Gartner](#))

- ❖ 68% of business leaders feel their cybersecurity risks are increasing ([Accenture](#))

- ❖ Data breaches exposed 4.1 billion records in the first half of 2019 ([RiskBased](#))

- ❖ 52% of breaches featured hacking, 28% involved malware and 32–33% included phishing or social engineering, respectively ([Verizon](#))

- ❖ By 2020, the estimated number of passwords used by humans and machines worldwide will grow to 300 billion ([Cybersecurity Media](#))

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Data Breaches & Hacking

206
The average number of days to identify a breach in 2019. (IBM)

64%
% of Americans have never checked to see if they were affected by a data breach.
(Varonis)

83%
% of enterprise workloads that will move to the cloud by the year 2020.
(Forbes)

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Data Breaches & Hacking

Uber

In 2016, Hackers stole the information of over 57 million riders and drivers. (Uber)

Uber tried to pay off hackers to delete the stolen data of 57 million users and keep the breach quiet. (Bloomberg)

EQUIFAX®

In 2017, 147.9 million consumers were affected by the Equifax Breach (Equifax)

Equifax was fined $425 million by the Federal Trade Commission in 2019 (FTC)

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Cyber Crime Statistics

- 94% of malware was delivered by email ([Verizon](#))

- 34% of data breaches involved internal actors ([Verizon](#))

- 51% of businesses experienced denial of service attacks in 2018 ([Cybint Solutions](#))

- 1 in 36 mobile devices had high risk apps installed ([Symantec](#))

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Data Availability and GDPR:

22%

% of all folders available to every employee. (Varonis)

144000

complaints filed with various GDPR enforcement agencies, in the GDPR's first year, (EDPB)

89000

Recorded data breaches in the first year of GDPR enforcement. (EDPB)

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The Impact and cost of attacks:

352,771

On average number of exposed files in a Financial services breach. (Varonis)

$100M

Cost of the WannaCry ransomware attack the National Health Service (NHS). (Datto)

78%

% increase in supply chain attacks in 2019. (Symantec)

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Cybersecurity Costs

❖ The average cost of a malware attack on a company is $2.6 million. (Accenture)

❖ The average cost per record stolen is $150. (IBM)

❖ Damage related to cybercrime is projected to hit $6 trillion annually by 2021. (Cybersecurity Ventures)

❖ The United States and the Middle East spend the most on post-data breach response. Costs in the U.S. were $1.56 million and $1.43 million in the Middle East. (Ponemon Institute's 2017 Cost of Data Breach Study)

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Cybersecurity Job Statistics

3.5M
Projected unfilled cybersecurity jobs globally by 2021
([Cybersecurity Ventures](#))

700%
% growth of demand for Data Protection Officers (DPOs) since 2016
([Reuters](#))

0%
Current cybersecurity unemployment rate projected to remain there through 2021.
([CSO Online](#))

82%
% of employers report a shortage of cybersecurity skills.
([ISSA](#))

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So what do these stats mean ?

- You need a skilled, responsive and well-informed partner to work with
- New threats are always emerging….get access to industry threat intelligence
- Have a 24 x 7 incident response partner to contact in the event of an attack
- Prepare for the worst by employing proven solutions that allow you to maximise your protection posture
- Share intelligence with peers

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Thank you

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