

**MTN Namibia
ICT Summit 2019**

everywhere you go





SECURITY AS A SERVICE

An Affordable approach to Cyber Security

everywhere you go



BUSINESS AND IT TODAY

- Functional dependence
- Financial dependence
- Digital transformation
 - Strategic
 - Service delivery/Efficiency
 - Integration
 - Markets/Economies
- The Evolution of Business

THE INESCAPABLE TRUTH

There are 2 kinds of companies today..

Those that know they have received cyber-attacks

And those that don't know they've been attacked...

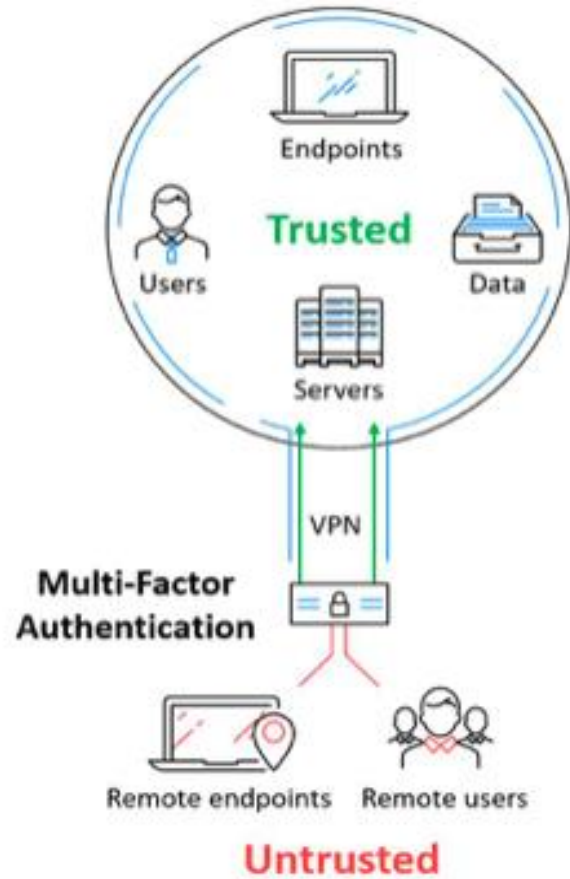
ALL COMPANIES ARE BEING ATTACKED

- 6 Trillion USD per year by 2021 (Forbes)
- 76 Billion USD of illegal activity involves Bitcoin
- 230,000 malware samples created per day
- It takes an average of 6 months for companies to realize they've been hacked
- 43% of cyber attacks are aimed at SMEs
- Cybercrime is big business

- ❑ Deloitte Namibian Cyber Security Survey – 2018
 - 76% of respondents stated a single person is responsible for monitoring and cyber maintaining security
 - 65% of respondents stated insufficient skills within their organization
 - 35% conduct no user security training at all
 - Symantec: 452 successful attacks in Services industry in Namibia in 2016

- SADC is low hanging fruit...

THEN



NOW



Attack Vectors



Email

92.4% of Ransomware is delivered via Email

Phishing attacks involved 76% of businesses in 2018.

12% of users open 30% of phishing attacks

My Namibian experiences

End-Point

USB

Mobile Device

Weakest link...

Traditional Security



Capital intensive

Hardware based

- Space

- Power

- Cooling

- Security / Access risk

- Breakable

On-premise

- Data center

Annual or perpetual licensing models

Self-updated

Self-monitored

Own risk – no SLAs

Cost – CAPEX vs OPEX

Increasing Complexity

Skills Shortage – Manpower and time

Cost of Skills

By 2021, there will be 3.5 million vacancies in cybersecurity that can't be filled

Number of technologies

Policies and compliance demands

Rising attack sophistication

Effect on necessary adaptation time needed

Managed Anti-Virus

- Malware Freezer
- Application distribution (Easy Install)

Enterprise Security Services (ESS)

- Cyber health report
- Web monitoring and filtering
- Centralized peripheral device control
- Malware Freezer
- Application Distribution

Mail Filtering - E-Purifier

- Spam protection
- Multiple layer virus protection
- Content filtering
- Advanced Threat Protection / Sandboxing
- Mail archiving
- Reporting



Mobile Device Management

- Mobile application optimization
- Mobile application intelligence
- Mobile application security

thank *you*



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