SUNGARD AVAILABILITY SERVICES®

FIVE STEPS TO BECOMING CYBER RESILIENT

Why should you care about cyber resilience?

▶ YOU CAN'T AFFORD NOT TO BE CONNECTED:

The rapidly growing internet sector accounted for **$2.1 TRILLION of the U.S. economy.**[1]

In 2016 the internet contributed approximately **£45 BILLION in gross value added**, from nearly 80,000 businesses supporting approx. 400,000 jobs.[2]

Companies with high technology intensity have high gross margins.[3] On the trailing twelve months basis gross margin in **3Q 2019 grew to 53.62.**[4]

▶ HOWEVER, BEING CONNECTED BRINGS RISKS:

The number of firms reporting cyber incidents rose from 45% in 2018 to **61% in 2019.**[5]

60% of small companies go out of business within six months of a cyberattack.[6]

Within the U.S., cybercrime damage costs are predicted to hit **$6 trillion annually by 2021.**[7]

73% of organisations confirm insider attacks are becoming more frequent.**

Sophisticated ransomware attacks are on the increase with recent attacks costing the victims from **tens to hundreds of millions of dollars** in remediation costs.***

READ ON TO LEARN HOW TO BUILD EFFECTIVE CYBER RESILIENCE ▶

1. https://www.reuters.com/article/us-usa-internet-economy/internet-sector-contributes-2-1-trillion-to-u-s-economy-industry-group-idUSKBN1WB2QB 2. https://internetassociation.org/publications/measuring-the-uk-internet-sector/ 3. https://www.bcg.com/publications/2016/why-the-technology-economy-matters.aspx 4. https://csimarket.com/Industry/industry_Profitability_Ratios.php?s=1000 5. Hiscox Cyber Readiness Report 2019 6. https://smallbiztrends.com/2017/01/cyber-security-statistics-small-business.html 7. State of Cybercrime 2017 report
2019 Insider Threat Report , produced by Cybersecurity Insiders, a membership community for information security professionals * Anticipated Moller-Maersk costs post Wannacry/Notpetya - £250m. Anticipated Norsk-Hydro costs post ransomware attack — $40m. BA's Data Breach fine – estimated £183m. 8. Janne Merete Hagen, E. A. (2008). Implementation and effectiveness of organizational information security measures. Information Management & Computer Security, 16(4), 377-397.

BUILD EFFECTIVE CYBER RESILIENCE AND AVOID BECOMING ANOTHER STATISTIC!

STEP 1 Identify your risks—not just your vulnerabilities.

Likewise, consider your people, processes and culture—not just your IT systems. Once you've assessed your risks and know what you're up against, develop a Cyber Resilience Roadmap so you know what you need to do to succeed and how to get there.

THINGS TO THINK ABOUT:

Cyber Risk Assessment, Cyber Resilience Roadmap

STEP 2 Create a robust yet agile IT infrastructure.

This will reduce the chance of an attack but, more importantly, ensure you're in the best possible shape to respond if it does happen.

THINGS TO THINK ABOUT:

ICT Transformation & Service Continuity, Information Security Consulting, Disaster Recovery

STEP 3 Develop contingency plans and capability.

Doing this will help to meet operational targets despite inaccessible or corrupted data. This should include ensuring the C-suite has the crisis leadership skills and competencies that are so often needed following a cyber incident.

THINGS TO THINK ABOUT:

Business Continuity Consulting, Crisis Masterclasses, Executive Coaching, Cyber Scenario Exercises

STEP 4 Build a cyber resilience culture.

Cyber Resilience is a complex problem and can only be solved by variety of approaches. Likewise, threat awareness measures are consistently shown to be more effective than technological security controls.[8] Therefore, a culture that takes account of the sociotechnical aspects of security is needed.

THINGS TO THINK ABOUT:

Culture Change, Coaching, Training & Awareness

STEP 5 Practise so you can think on your feet.

Exercise regularly so you're prepared to adapt your response in real-time because cyber attackers will adapt their strategy in response to your defensive moves.

THINGS TO THINK ABOUT:

Crisis Cyber Scenario Exercises and Desktops

Becoming cyber resilient could save your organisation from becoming the next news story.

To find out how we can help, call 0800 143 413 or email contactme@sungardas.com.

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