

CYBER SECURITY SPECIAL

# CIO Advisor

LEVERAGING TECHNOLOGY FOR APAC BUSINESSES

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## Company:

BT Consulting

## Key Person:

Ben Tan  
MD

## Description:

BT consulting provides cyber solutions based on artificial intelligence and trains the IT industry in the latest trends cyber space

## Website:

btconsulting.co.nz

## Top 25 APAC Cyber Security Solutions Providers - 2017

Ever since the evolution of the digital codes, cyber security has almost become the de facto concern for any organization. With every day-to-day activity now dependent on digital systems and the internet, effect of a security breach has transcended from the organizational level to impact the very people in the enterprise. Organizations in the APAC regions, though commanding one of the largest digital networks in the world, have shown high vulnerability to cyber security breaches. Most might point to the disproportionate ratio between growing consumer demands and the economical prowess of enterprises in these regions as the cause, but the real reasons are much more. A survey by Palo Alto Networks reveal that the growing cyber security challenges in these regions stems from the repeated utilization of outdated infrastructure that reflects a complete lack of awareness of the APAC firms. The report states that most companies have adopted just antivirus and firewalls for their protection while only a few percent has resorted to more advanced technologies such as two-factor authentication, anti-ransomware, anti-malware, and biometrics. Quite complementing the report, Forbes mentions that cyber criminals had been most active through ransomware and malware this year.

The ever-growing reach of cyber criminals and the incompetency of the majority of APAC organizations to tackle the same effectively point to an immediate essentiality for these firms today. Enterprises need to adopt much more advanced solutions that can assist them in putting a step ahead in this cyber war. Hence, to reflect on some of the most promising cyber security solution providers in the APAC market and the value they bring to the industry, we bring to you "Top 25 APAC Cyber Security Solutions Providers - 2017". Our panel of editors, industry researchers, and executives have diligently curated this list of providers and believe that from this issue, businesses would be able to gather invaluable insights in determining their best cyber security partner.

# BT Consulting: A.I Joins Cyber Security

The recent years have seen a new era of cyber crimes—from minor attacks such as phishing and multiplying worms to catastrophic malware such as the WannaCry ransomware, the internet is plagued with a variety of threats. The boon of technology has served a bane of cybercrime, making both go hand in hand with every innovation. “Anybody with the smallest of devices can walk into a hospital, inject malware, and disrupt the entire functioning of an organization,” says Ben Tan, Managing Director, BT Consulting. Despite security patches and firewall upgrades, hackers and malware developers constantly find exploits and gain access to the operating systems.



Ben Tan,  
MD

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BT consulting uses artificial intelligence to tackle a variety of malware threats and cyber crime. Based in Auckland, New Zealand, the company employs machine learning techniques to combat cyber attacks both online and offline. The artificial intelligence WAF (Web Application Firewall) ZenEdge, identifies malicious files that are entering the system and quarantines the file before it is executed. The application adapts machine learning to setup a firewall against any file entering the network

and scans them for multiple constraints to identify harmful content. Coupled with ZenEdge, the company uses yet another artificial intelligence framework called Cylance to protect endpoints from infectious content entering from local plug and play devices. Cylance acts as a dual-layer defense mechanism and anti-malware application that assist in preventing unauthorized access. “Nowadays we don’t know how the malware is going to enter into the systems and artificial intelligence is the best way to solve that. Because, AI predicts and analyzes different data types,” Tan adds while addressing the capabilities of A.I.

Ben believes that cyber crimes will exist as long as technology keeps evolving and insists that adapting newer technologies such as A.I and IoT will prevent cyber crimes. The company emphasizes in educating the IT market about the significance of A.I in solving cyber crimes. Leveraging the subscribers of Cylance and ZenEdge,

BT Consulting trains IT professionals to adapt A.I strategies and bolster their cyber defense system. Having partnered with several vendors, the company not only provides security solutions but also deploys the necessary skill set required for the company by training their workforce.

The company boasts a capacity of hosting 100 to 10000 endpoint at an instance and provides back-end support for the services hosted by the company. “The biggest value to our clients is that they do not need to continue and upscale to the endless trends of markets; we will take care of that part,” says Ben Tan. Along with the back-end support, the company customizes their solutions to client specific configurations and implements combinations of strategies for different types of threats.

Having seen contrasting trends in the industry to tackle Cybersecurity, Ben was ambitious to create a unique and independent cyber solution by leveraging the capabilities of A.I. The company extends their offering by providing services such as penetration tests, managed security services and security awareness training, in addition to the data and risk management solutions. They also conduct cyber security consulting to monitor the corporate security strength of the clients.

BT consulting has partnered with Enex Carbon, Hivint, Network Australia and Insentra to exercise various cybersecurity measures and spread the awareness of the strengths of A.I in the defense against cyber attacks. Ben foresees an expansion for the company in the Australian subcontinent and ensures the prosperity of the cybersecurity industry with their arsenal of solutions. [CA](#)