



PwC Mainland China/Hong Kong

Next-Gen SecOps

PwC's DarkLab | 2021



Pain points of traditional managed security services (MSS)

As business digitisation opens up opportunities to companies, they also bring new digital vulnerabilities at the same time. Hence, the implementation of a holistic programme of effective cybersecurity and privacy measures is more important than ever, including having advanced security monitoring capabilities. Traditional managed security services (MSS) that focus on perimeter security with many blind spots not being covered, monitoring of individual technologies and application systems, etc., may not be relevant and effective anymore in a digital-enabled business world. Summarised on the right hand side are some of the common pain points and constraints we have seen in traditional managed security monitoring services.



Unable to detect sophisticated cyber incidents



Perimeter-focused



Blind spots not being covered



Manual processes in incident detection & escalation

EPS

Events Per Second (EPS) constraints in Security Information and Event Management (SIEM) tool



Lack of expertise in security monitoring, cyber-attack simulation & incident response

PwC's next-gen managed security services

We offer a unique combination of on-premise and centrally coordinated capabilities designed to free your IT and security teams to focus on improving your business security posture.

- Ability to integrate with your services and increase your effectiveness and efficiency in facing the ever evolving threat landscape















- Optimise cybersecurity resources
- Global knowledge and experience. Regional regulatory support. Local presence
- Integration into a global threat profile with collaboration and communication across PwC networks

- 24x7x365 monitoring and management by a professional security operation centre team
- Leverage our experience to bridge the security gaps in your existing security services

Why PwC's DarkLab?

PwC's DarkLab was designed and built to simulate real life hacking scenarios and help mitigate the most sophisticated cyber attacks. Our 280+ cyber security professionals are equipped with a range of skills and expertise, in 24x7 security monitoring, cyber-attack simulation, incident response handling, purple teaming, etc., who are ready to help companies build a tailored, next generation cybersecurity defence.

Powered by red team		
 In-depth defence approach, not solely perimeter-focused	 World-class red team attack experience	 Multi-dimensions threat intelligence
World-class framework - MITRE		
 Threat focused use cases Timely re-creation and refinement of cyber-attack use cases according to latest threats	 Eliminate blind spots Assess current capabilities to protect and detect against stages and techniques	 Supported by purple team A combination of red team & blue team to maximise the effectiveness of your cyber defence
No EPS constraint model		
 Result focused Focus on your crown jewel, protect you as a whole, not an individual device	 Maximise Recovery Time Objective (RTO) Invest in real-time monitoring, your 24/7 bodyguard	 Reduce Total Cost of Ownership (TCO) Predictive pricing, infrastructure-based pricing model, no concerns on EPS or data limits
Automation/ Orchestration		
 Unify security functions Gather intelligence from multiple products on a single console	 Improve quality of investigation Use collaborative workspace, machine learning, and cross-correlations	 Automate repeatable steps Automate actions to standardise and streamline incident responses

Leveraging our global threat intelligence platform

The way we structure our Cybersecurity & Privacy practice around the world means our clients benefit from our global expertise, delivery by our local team.

We currently track over **110 distinct threat actors** from approximately **20 countries**.

These include **groups sponsored directly by nation states** as well as **hackers-for-hire**.

While our research covers threat actor groups of all categories, our primary focus is on **targeted attacks**.

Our services through the cybersecurity life cycle



Our credentials



PwC is the only Big Four professional services firm globally capable of providing CBEST-recognised threat intelligence and penetration testing simultaneously.

Within the Asia Pacific region, PwC Mainland China/Hong Kong is one of the few CREST accredited firms with locally based **CREST accredited consultants qualified** to perform testing against the CREST criteria.



ISO/IEC 27001 is an international standard on managing information security. It recognised the organisation has defined and put in place best-practice information security processes.

PwC is capable of providing information security monitoring, event log management and threat intelligence service to customers by security operation centre.

Our team members are accredited professionals including:

- Certified Ethical Hacker (CEH)
- GIAC Certified Incident Handler
- GIAC Web Application Penetration Tester (GWAPT)
- GIAC Certified Penetration Tester (GPEN)
- GIAC Exploit Researcher and Advanced Penetration Tester (GXPN)
- AWS Certified Solutions Architect Associate
- AWS Certified Developer Associate
- AWS Certified SysOps Administrator Associate
- Certified Information Security Manager (CISM)
- Certified Information Systems Auditor (CISA)
- Certified Information Systems Security Professional (CISSP)
- CISCO Certified Routing & Switching (CCIE)
- CISCO Certified Routing & Switching (CCNA)
- CISCO Certified CCDA
- Offensive Security OSCP
- Scrum Alliance Certified CSM
- ITIL Foundation V3
- Certificate of Cloud Security Knowledge (CCSK)
- ISO 27001 Certified Information Security Management
- Certified Internal Auditor (CIA)
- Project Management Professional Certification (PMP)



Get in touch with us

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