PCCW Global®

Crypteia Anti-DDoS Services

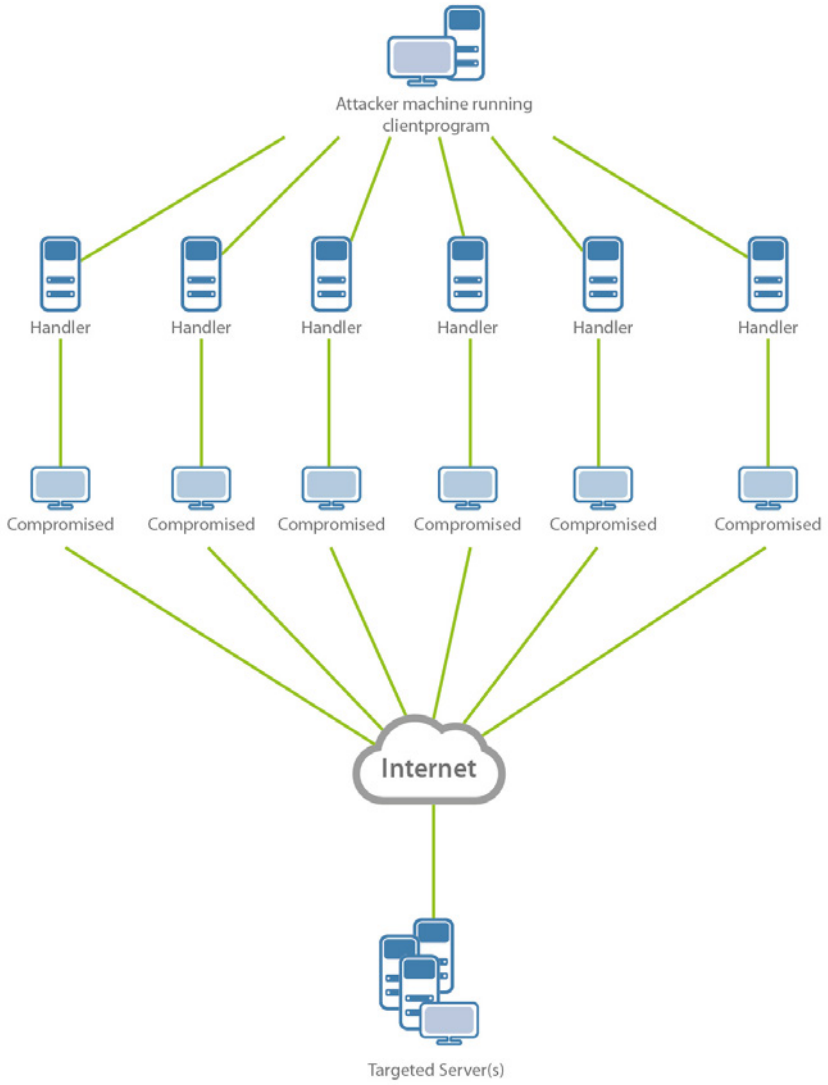
Delivering protection and peace-of-mind in thwarting malicious distributed denial of service (DDoS) attacks

Cyberattacks are becoming a larger problem for organisations across every industry and in all geographies. Of particular concern is the growing number of distributed denial of service (DDoS) attacks that can shut down servers, disrupt operations, render websites useless, and lead to unauthorised access and even data theft.

Your organisation needs to reconsider how to prevent DDoS attacks, since traditional defences, such as firewalls and intrusion-prevention systems, are no longer enough. Such DDoS attacks have grown year over year, not only in the number of occurrences and in the multitude of the attack traffic in each occasion, but also in their complexities.

PCCW Global's Crypteia family of anti-DDoS services provide a full range of DDoS protection, both in the cloud and on premises. Utilising industry-leading DDoS protection technology and global scrubbing centres, our services give organisations the widest security coverage, the most accurate detection and the shortest time to protect against today's most dynamic and evolving DDoS attacks.

Our anti-DDoS services are key offerings in our Crypteia portfolio of Managed Security Services. The Crypteia Anti-DDoS Services are available in three options: On-Demand, Hybrid and Always On.



Summary of PCCW Global's Crypteia Anti-DDoS Service Offerings

Crypteia Anti-DDoS Service Options	Description	Recommended For	Details
On-Demand Anti-DDoS Service	On-demand cloud service to protect against Internet pipe saturation caused by Volumetric cyber-attacks.	For organisations that are looking for the lowest cost solution and are less sensitive to application-level DDoS attacks.	• Traffic diverted to cloud only upon Volumetric DDoS attacks. • No on-premises appliance required • Lowest cost; simplest deployment • Diversion based on link utilisation, flow statistics, or done manually • Attack volume unlimited, but limitation on annual number of diversions • ERT Standard service only
Hybrid Anti-DDoS Service	Cloud DDoS protection that integrates with on-premises detection & mitigation to provide hybrid DDoS protection solution.	For organisations that want to protect their infrastructure and services against Volumetric and Low/Slow attacks (e.g. DNS DDoS attacks).	• Most comprehensive DDoS attack mitigation coverage • No connectivity latency increase in peacetime • Traffic diverted only when Volumetric attacks aim to saturate the Internet pipe • IPS and Behaviour Analysis functionality • Unlimited # of attacks, size and duration • ERT Standard or Premium (managed service)
Always-On Anti-DDoS Service	Always-on cloud service where all of the organisation's IP traffic is routed through DDoS scrubbing centres at all times.	For organisations that have applications hosted in the cloud or organisations that are under DDoS attack constantly. These organisations are sensitive to its service downtime due to DDoS attack traffic diversion. These organisations are in the highest category of risk.	• Complete cloud-based DDoS and WAF protection • No on-premises appliance required • Minimal need for customer involvement • No traffic diversion is required during attack • Unlimited service - provides support for unlimited number of attacks, size of attacks and attack duration • ERT Premium – proactively, fully managed service level

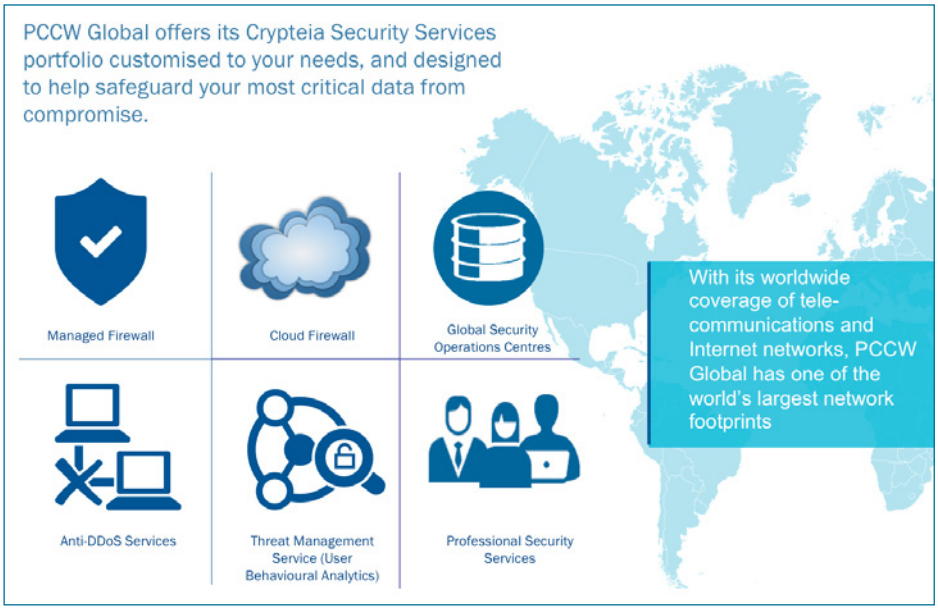
Crypteia Portfolio of Managed Security Services

PCCW Global offers an enterprise security portfolio customised to your organisation's needs. Unmatched in ability to help you disrupt new threats, deploy security innovations and reduce the cost and complexity of IT security, PCCW Global's Crypteia family of Managed Security Services can safeguard your most critical data from cyber-based compromise.

Our Crypteia Managed Security Services portfolio includes:

- Managed and Cloud Firewall Services
- Managed Anti-DDoS Services
- Threat Intelligence and Management Service and Security Operations Centres (SOC)
- Professional Security Services

These services and more, when added to PCCW Global's core networking and communications services, offer the industry's most robust cyber defence and data protection, enabling customers to maximise business operations while minimising costs.



ANTIDDOS/2017/02/E/MWC

Contact us
securitysolutions@pccwglobal.com

To learn more about PCCW Global explore
www.pccwglobal.com