

# CyberGuard Threat Management Service

Next-generation cloud-based security solution for real-time threat identification, monitoring, reporting and mitigation

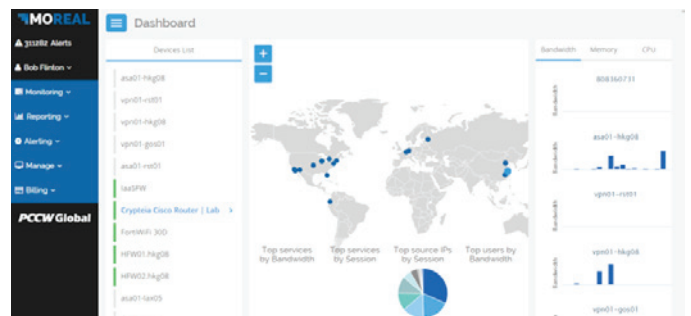
PCCW Global's CyberGuard Threat Management Service (TMS) provides a 7x24 threat monitoring and identification system together with an integrated security advisory service.

In 2014 PCCW Global acquired Crypteia Networks, a specialist Security-as-a-Service provider, focused on real-time event analysis and management. CyberGuard Threat Management Service combines our threat intelligence platform, developed by Crypteia Networks, with our Professional Security Service and Security Operation Centres (SOC) to give enterprises real-time and automatic threat identification, monitoring, reporting and alerting capabilities, as well as global threat mitigation recommendations.

CyberGuard TMS is the next-generation of effective cybersecurity management. It combines real-time network and behavioural analytics with enterprise security intelligence to proactively learn, predict, discover and identify network and application security threats. CyberGuard TMS collects, learns, correlates, monitors and mines data activity logs produced by inter-connected network elements, such as SIEM applications, log management tools, firewalls, routers, intrusion detection software and other security solutions, in order to evaluate and report on patterns and behaviours consistent with a potential or in-progress cyberattack. This "behavioural learning" functionality is what separates the real threats and attacks from the non-existent ones.

## Benefits

-  A new layer of defense, complementing existing ones and maximizing value of network logs already generated and collected
-  Non-intrusive and scalable cloud-based solution for rapid deployment
-  Threat aggregation and behavioural analysis identifies threats in their infancy
-  Real-time mitigation recommendations
-  New visibility into existing security systems and hardware
-  Expanded lifespan of existing security solutions, driving cost efficiencies



Dashboard of consolidated alerts delivers new insights into your enterprise security posture

## Already have security monitoring in place?

That's good. Problem is your systems probably aren't aware of the threats that are deploying at this immediate time!

CyberGuard Threat Management Service delivers new kinds of threat intelligence not seen in existing solutions based on how threats attack particular vulnerabilities and how your environment reacts to them. This is called "behavioural analytics." Essentially, our approach "watches" your infrastructure over time, it then "builds" a model of accepted activity, then "monitors" that environment, and when behaviours occur outside of accepted parameters, it "enables" defensive response activities accordingly. So when new attacks occur, your environment is already set up to address it.

No security management application today addresses cyber threats like this.

### Key Features

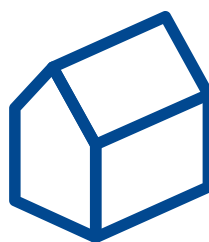
- Access advanced analytics and actionable reports through a single intuitive dashboard
- View network health, utilization and security in real-time
- Leverage a global threat database that utilizes Big Data and crowd-sourcing to identify emerging threats
- Use advanced correlation engines for identifying known and unknown threats, now penetrating or already existing in your network
- Deploy enhanced security simply and quickly via pure cloud solution with hybrid options available
- Pay as you go subscription with low total cost of ownership

### Availability/Deployment Models



#### Cloud

Network Elements at your site can directly send log files to our cloud platform.



#### On Premises

Available as a customized on-site solution. If, for regulatory or other reasons, your network data needs to remain on-site, an on-premises solution is also available. Essentially, logs remain on your site.

## Why PCCW Global?



#### Real-Time Intelligence

We give you the ability to identify threats to your organization based on our data mining capabilities and traffic pattern recognition



#### Global Security Coverage

CyberGuard Threat Management Service has been deployed on PCCW Global's worldwide network infrastructure - one of the largest in the world, and is capturing data on potential threats globally and on a daily basis



#### Preserving and Enhancing Existing Security Investments

CyberGuard Threat Management Service extends the life of your existing security solutions and adds a layer of proactive and real-time threat intelligence



#### Long-Term "Learning"

Our threat database is continually "learning" about your environment and its behaviours, and evolving to protect your organization from present and future threats