

Intelligent Threat Management Services

The attacks on cyber security are growing more sophisticated by the day. The Intelligent Threat Management Services (ITMS) cyber security concept from PCCW Solutions enables businesses to protect themselves and their customers from a wide variety of menaces.

Cyber attacks should never be underestimated, because they are well organized and consist of carefully-planned and executed stages, as shown below. Famous Chinese military strategist Sun Tzu highlighted the importance of knowing one's enemy, a philosophy that broadly played a role in the design of ITMS.



For example, research in attack patterns demonstrated the necessity of mounting a defence as early in the process as possible. In this regard, our cyber security solution swings into action with detection and analysis very early in an attack, known as the reconnaissance stage.

Latest cyber protection – Early stage action



In fact, our battle strategy is to break down a cyber attack before it has the chance to gather strength.

ITMS fends off danger by:

- Identifying security threats with accuracy through discovery, scanning and reports
- Mitigating threats by creating stringent policies and categorizing tell-tale patterns
- Customizing scans for specific ports, services or threats
- Customizing reports to equip IT staff with comprehensive information based on which they can make rapid decision
- Deploying security professionals onsite to coordinate defensive action in the event of a cyber attack



PCCW Solutions' continuous pursuit of excellence in security management is reflected by the ITMS deliverables:

- Detection of 100% of known vulnerabilities – common vulnerabilities and exposures (CVE) that have been reported
- Just one day to address newly-reported vulnerabilities
- New malware is sandboxed, or segregated, then labelled (signature generation) in at least 30 minutes
- Policy creation or signature generation is performed within 24 hours, once threats are identified
- Comprehensive daily security reports on threats and summary reports on findings and recommendations provided
- Six months' storage of logged system information relating to all threats



ISO-27001
Lead Auditor

More evidence of our unwavering dedication to the highest standards of security is the fact that our Powerb@se Internet data centers and IT Service Management Center have attained ISO 27001 certificate for IT security management. This accreditation specifies requirements for establishing, implementing, operating, monitoring, reviewing, maintaining and improving a documented Information Security Management System. Other security certifications include CISSP, CISA and CISM.

Our ITMS solution is perceived by customers as multifaceted, resulting in the following feedback extracts:

- "Protects a customer's IT environment from system penetration"
- "Prevents website defacement"
- "Controls misuse of website applications"
- "Safeguards and logs attempts to steal proprietary information"
- "Provides logs for forensic analysis and evidence"

ITMS from PCCW Solutions is powered by Palo Alto Integrated Threat Prevention technology, which is validated by NSS Labs, the world's leading information security research and advisory organization.

About PCCW Solutions

PCCW Solutions is a leading IT services company in Hong Kong and mainland China. We adopt the latest technology to help clients create business value and success in the ever-changing economic environment. We offer a wide range of services including digital solutions, IT and business process outsourcing, cloud computing, system development and solutions integration, data centers, hosting and managed services, e-commerce and IoT solutions. PCCW Solutions is committed to meeting customer needs to help them achieve business goals.