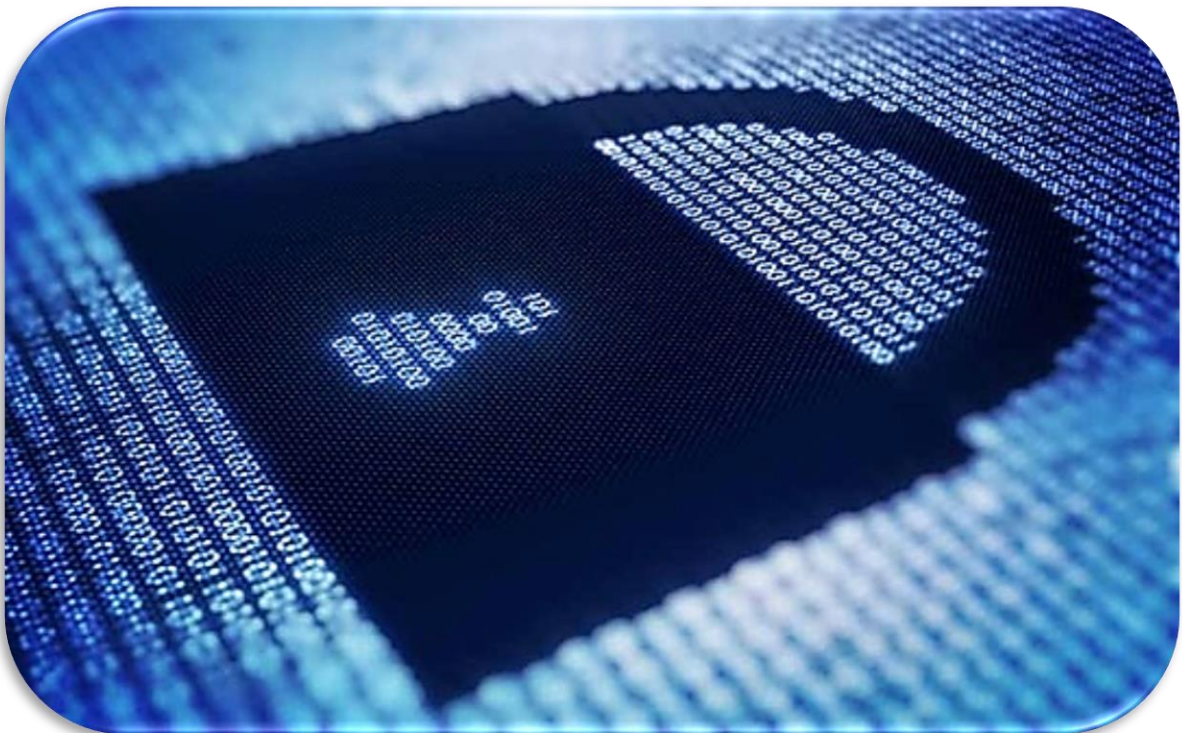# Overview to Global Cyber Security Solutions

DECEMBER, 2014

As organisations move ahead and embrace new technologies without fully comprehending the implications, they are becoming susceptible to an array of cyber-security threats which today have become increasingly more complex and frequent.

Even with the growing critical impact that cyber - security incidents can have on the entire enterprise, boards of organisations remain unaware and continue to treat cyber security as an IT issue.

The 2014 Information Security Breaches survey carried out by PWC on behalf of the Government's Department for Business Innovation & Skills, revealed a number of security breaches affecting UK businesses decreased slightly in comparison to last year.

Nevertheless, there has been a significant rise in the cost of individual breaches. The overall cost of security breaches for all types of organisations has increased. Attack related damages can translate into financial figures and become a public relations nightmare when news of the attack is leaked to the media. Also even more disturbing is 10% of organisations that suffered a breach in the last year were so badly damaged by the attack that they had to change the entire nature of their business operations.

"Cyber security is no longer an issue that concerns only IT and security professionals. The impact has extended to the C-suite and boardroom".
- Bibi Bajwa, Ormuco COO - EMEA.

Today companies should have custom built dynamic cyber security solutions that are developed to comply with the highest regulations and security standards as used by government and military organisations worldwide. This is through;

- *Recognising potential security threats and risks*
- *Providing the right solutions to neutralise any threats*
- *Elaborating risk management and compliance protocols*
- *Auditing infrastructure for security issues*
- *Best practice governance or user security policies*
- *Monitoring and reporting*

Cyber security issues can occur at any level of an IT infrastructure.

From the end user to the data centre, critical security flaws can seriously damage any organisation. Always implement a dynamic, proactive and security first approach. Every step must be carefully planned to make sure nothing is compromised or overlooked.

Identification

Organisations should set up the right infrastructure to securely contain, analyse and use the information from employee identification technologies and solutions. These range from RFID to sophisticated analysis of unique human body features or patterns. We are far from the classic six character email password.

Connectivity

Protecting end-to-end transfer of information or data is crucial to any organisation. Creating and managing secure global WAN interconnected solutions that can be integrated in the existing infrastructure without disrupting or changing the existing communication structure should be considered.

Personalised secure and private direct networks between sites can also be set up with the highest level of security. Businesses must ensure that the connection is secure along with the packaging and encryption of the information.

Hosting

Hosted data centres and cloud hosting allows you to set up the precise infrastructure to ensure the necessary level of security required is obtained. These environments can be in a physical structure or in a virtual cloud form. Controlled and layered access to these sites is carefully monitored to allow business and security to safely cohabit. The latest regulations and policies in cyber security should be included. This ensures maximum threat prevention in every step from conception through to implementation.

Monitoring

Systems should be put in place on any existing or future installations to keep track of all information transfers, data quality and risk exposure.

Ormuco's Global Security Expertise:

- *Logistics and planning*
- *Monitoring and auditing*
- *Cyber*
- *Secure Networks*
- *Information Management / Information Exploitation*

Our certified experts analyse the security needs of the environment or project. This analysis can be done at the conception level or as a proactive/reactive approach in an existing setup. An action plan is then created to measure the impacts of potential security issues. This leads to a custom made solution created exclusively to address the customer's needs.

Ormuco provides these solutions by combining in-house expertise with key partnerships using industry leading cyber security and defense technology suppliers.

About Us

Established in Montreal, Ormuco offers a range of solutions and services designed to streamline day-to-day business operations and reduce associated IT costs. We currently work with 5 of the top 10 gaming companies, have on-going projects on all five continents and provide IT services supporting over 3 million users.

Our North American and European offices provide solutions that translate into enterprise cost reduction, better time to market productivity and access to dependable matter experts. Ormuco understands today's demand for a secure hosting environment, fiber fast data access and reliable IT resources to interconnect globally scattered businesses, teams and clients.

Ormuco's Services:

Cloud Hosting

Ormuco offers VMware and OpenStack based cloud hosting solutions. These secure, reliable and scalable virtualisation products are hosted in Tier3 managed data centers. An Ormuco managed and maintained hosting environment allows businesses to bring back their resources to what they do best and focus on primary goals.

Managed Data Centers

Physical enterprise hosting is available in over 140 data centres across the globe. Ormuco's team can install, manage and support any of these fully customisable data centre hosting solutions. These solutions help businesses limit high setup expenditures and avoid rapid hardware depreciation costs.

Managed services

Outsourced IT, big data analytic tools, desktop virtualisation and security solutions constitute our managed services enterprise offer. Our solution specific experts will work with you on identifying the right analytic tools or virtual infrastructure essential to get the results you want.

Telecommunications

Connect any network with our fiber optic (Internet, MPLS, WDM), layer 2, CDN or multisite VPLS solutions. Ormuco also provides the essential IP convergence, VoIP and SIP 2.0 to maintain and optimise enterprise communications with employees and clients.

Cloud Computing	Managed Data Centers	Managed Services	Telecommunications	www.ormuco.com

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