

CAHK NEW SERVICES AND PRODUCTS BULLETIN

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CAHK ACTIVITIES

Visit to the Chinese University of Hong Kong - CAHK Delegation

CAHK held a tour to visit the Faculty of Engineering of the Chinese University of Hong Kong (CUHK) on 16th September, 2011.

CUHK is one of the partners of the Association in several coming projects namely the CAHK Internship Program and the CAHK Innovator Platform. The Association will provide a platform to link up the scholastic and industrial fields to incubate new bloods and innovative technology for the ICT industry.

The delegation participated in the opening ceremony for the Faculty of Engineering 20th Anniversary in CUHK.

Then visit the outstanding research projects demonstrated in the Innovation and Technology Fair.



Opening Ceremony of Innovation and Technology Fair

The highlight of the faculty achievements include the applications of biomedical engineering, cloud computing, robotics and automation, multimedia and wireless and mobile technologies



Faculty 20th Anniversary Innovation and Technology Fair



CAHK 27th AGM and Cocktail

On September 20 2011 (Tuesday)

The Soong Room - Dining Hall Level 2 located in the Butterfield's on Dorset House, Hong Kong

The 28th AGM of CAHK and Cocktail was held very successfully on 20 September 2011 at The Soong Room - Dining Hall Level 2 located in the Butterfield's on Dorset House, Taikoo Place.

With the support from around 150 guests including government officials, allied association representatives, universities representatives and fellow members. A magic show was performed by famous magician Frank Wong and different EXCO members in featuring the activities 'CAHK and the Community', all guests enjoyed the exciting evening.

The four projects were announced during the ceremony:

- Privacy Campaign for Telecommunications
- CAHK Internship Program
- Trail Walker Project
- CAHK Innovation Platform

Please visit <http://www.cahk.hk/PhotoGallery.asp> to share the photos.



EXCO members 2010-2012



Chairman, Financial and AA reports



Press conference of Protecting Personal Data by Privacy Campaign for Telecommunications



Mr. Allan Chiang, Privacy Commissioner for Personal Data, and Dr. Hubert Chan, Chairman, Communications Association of Hong Kong, were officiating guests of Inaugural Ceremony of PCPD



Toasting and Group photo in Cocktail



A magic show was performed by Frank Wong, some guests have been invited to perform the magic.

Privacy Campaign for Telecommunications

CAHK will co-operate with PCPD from September 2011 to February 2012, to conduct the Privacy Campaign for Telecommunications. A series of seminar on the Privacy Ordinance as well as real case studies will be held in this period. The first seminar of Privacy Campaign for telecommunication industry would be held on 4 October 2011. (*rescheduled due to typhoon*)

Further to the completion of seminars, a 3-Minutes Speech Competition with the topic "Protecting personal data, I can do it!" will be held from late December 2011. Prize sponsors to this competition are Research-In-Motion; CITIC Telecom CPC, Samsung and Sony Ericsson. All members are welcome to join.

In the final round competition, 5 finalists from 5 member companies would be invited to participate and held on 9 February 2012 at a closing Luncheon where officials from PCPD, OFTA, CAHK Executive committee as well as press representatives will be invited to witness the awareness of members from the ICT Industry on the

Privacy Guidelines.

For further details, please visit www.cahk.hk or email to info@cahk.hk for assistance.



Trail Walker Project

With an objective to increase the personal safety of all users of Hong Kong's country parks by facilitating emergency services to more accurately pinpoint their locations, CAHK and the mobile operators, facilitated by Hong Kong Police Force, Civil Aid Service, Fire Services Department, Agriculture, Fisheries and Conservation Department, and the Office of Telecommunication Authority, has planned for Trail Walkers **the SMS Location Reporting Service**.

Special thanks to Mr. Franky Lai, Vice Chairman of CAHK and Mr. Kenneth Lau, President of Fixed Network and VAS Group of CAHK to host the project. Furthermore, Mr. Gabriel Shui and Ms. Micky Wong from CITIC Telecom CPC assisted in System and Publicity Support respectively. Further information will be announced together with the Mountaineering Day by the Hong Kong Government SAR of 23rd October, 2011.



We sometimes discover the news of the missing hikers onto the newspaper.

CAHK Internship Program

To sustain and raise the competitive advantage of Hong Kong in the ICT industry by facilitating a constant inflow of talented youngsters to the communications industry through the establishment of a well-structured, integrated learning platform to nurture talented individuals to become qualified industry experts in the field of telecommunications.

CAHK and sponsoring companies designed of the internship program to provide academic support to students on their attachment and assigned projects assist which can co-develop the students' assessment system.

This year, five universities participate in the internship program includes City University of Hong Kong, Hong Kong University of Science and Technology, The Chinese University of Hong Kong, The Hong Kong Polytechnic University, and The University of Hong Kong.

The Association will facilitate all sponsoring companies to provide a series of orientation training to the trainees. Individual Company will design practical in-house training modules and job attachments for students during the

1-year internship. Furthermore, the designated coaches to students inside the company to enable students to learn both the job skills and the knowledge on the communication industry trend, development & practices.

If any members are interested to be one of the sponsoring companies in the internship program, please visit www.cahk.hk or email to info@cahk.hk

Sponsoring and Supporting organizations:

- China Motion Telecom International Limited
- City Telecom (HK) Limited
- CSL Limited
- Huawei Tech. Investment Co., Ltd.
- Hutchison Telecom. (HK) Limited
- PCCW Limited
- SmarTone-Vodafone
- The Wharf (Holdings) Limited
- Wisepot Company Ltd.

Special thanks to Mr. Gary Chow, President of Fixed Network and VAS Group of CAHK to lead the project.

Exco Members Opinions and Write-ups

http://www.cahk.hk/Publication_Opinion.asp

The 2010/2012 EXCO members shared their opinions on ICT policies, market trends, innovative technology, and other ICT related topics by presenting articles in the Hong Kong Economic Journal.

The recent articles were (in Chinese):

- 「創新及科技局局長應有的條件」 by Dr. Hubert Chan JP – 16 July 2011
- 「北京 2012」 by Mr William Kwan – 30 July 2011
- 「雲端運算的迷思」 by Mr. Stephen Ho – 12 September 2011



Upcoming Events

Privacy Commissioner of Personal Data Press Conference

Date: 4 October 2011

Time: 14:30 – 16:00

Venue: PCPD Conference Room, 12/F., 248 Queen's Road East, Wan Chai, Hong Kong

Cost: Free of Charge

Media: Cantonese (for this first Seminar)

GD - HK Golf Challenge 2011

Date: 4 November 2011

Venue: Mission Hills Golf Club, Shenzhen

CAHK Innovation Platform

Mr. Ricky Chong, President of Mobile Network and Services Provider Group of CAHK, will lead the project and details to be announced soon.

Supporting Events

HKCS Innovation & Technology Series: Pre-Policy Address Roundtable Forum

"Government Policies to Better Support Hong Kong as the Asia IT Hub"

Organizer: Hong Kong Computer Society

Date: 30 August 2011

Time: 6:30pm - 8:00pm

Venue: CityU SCOPE Admiralty Learning Centre, Room UR9, 8/F United Centre, 95 Queensway, Admiralty, Hong Kong

Venue: Kowloonbay Intonation Trade & Exhibition Centre (KITEC), 1 Trademart Drive, Kowloon Bay

Managing Information – Security Risks of Cloud, Mobile and Social Networking Environments"

Date: 11 Nov 2011 (Wednesday)

Venue: InterContinental Grand Stanford Hong Kong

Hong Kong ICT Awards 2012 – Best Green ICT Award

Organizers: Hong Kong Information Technology Joint Council

Hong Kong ICT Awards 2012 – Best Collaboration Award

Organizers: Hong Kong Software Industry Association

Pv6World:Asia - 'After World IPv6 Day, what's next?'

Date: 2 Sep 2011 (Friday)

Time: 2:00pm – 5:00pm

Venue: Function Room, Core E, Cyberport 3, 100 Cyberport Road, Hong Kong

2011 年度中國優秀軟件產品

Organizers: Hong Kong Software Industry Association

Greater China eHealth Forum 2011

Organizers: China Hospital Information Management Association & eHealth Consortium

Date: 7-8 October 2011 (Friday and Saturday)

Time: 9am to 6pm

Newly Joint Member

Welcome the new member joining CAHK as Full Member:

- Lextel Technology Limited

Welcome the new member joining CAHK as Associate Individual Member:

- Mr. Robert Yiu c/o New Zealand Trade and Enterprise

3Home Broadband High-speed, high-definition 1G fibre-optic service Delivers a totally fresh online experience

By 3 Hong Kong

"Love Speed! Love Going Home!"

- Local households can now enjoy up to 1G fibre-optic broadband service
- 3Home-Runner team ensures express broadband delivery
- A diversity of service content will satisfy every family member
- Large-scale 3Home Broadband promotion campaign launches, with advertising spend running into eight figures

3 Hong Kong, the mobile telecoms and residential fixed-line operator of Hutchison Telecommunications Hong Kong Holdings Limited (HTHKH/the Group, Stock code: 215) stormed the home broadband market with launch of a large-scale 3Home Broadband promotion campaign driven by a budget running into eight figures. Made possible by the Group's advanced high-speed fibre-optic backbone network, 3Home Broadband delivers a totally fresh online experience and will enhance customer lifestyles with an exciting combination of advanced fibre-optic connectivity and groundbreaking packages of diverse content for all ages.

3Home Broadband has also established the 3Home-Runner team to perform swift delivery of fibre-optic broadband to customers. In addition, a promotion campaign is under way to highlight how 3Home Broadband will make the extraordinary capabilities of fibre-optic technology available to local households, setting a new trend of "Love Speed! Love Going Home!"

Fibre-optic network provides local households with high-speed broadband

The Group owns one of the Hong Kong's most extensive, highly-scalable and resilient Fibre-to-the Building (FTTB) networks.



Amy Lung, Chief Operating Officer of HTHKH, said: "More than HK\$10 billion has been invested in our fixed-line network infrastructure over the past 15 years, and around HK\$600 million has been earmarked for our fixed-line network infrastructure in 2011. Statistics from the Office of the Telecommunications Authority (OFTA) show that the average volume of monthly broadband Internet traffic for the first quarter of 2011 increased by *25 million GB over the same period last year. This demonstrates overwhelming demand and strongly suggests that the timing is right for us to storm the home broadband market with a highly compelling proposition."

She added: "We are able to combine the strengths of our fixed and mobile networks and provide service plans that combine mobile communications, Wi-Fi and home broadband, coupled with popular, exclusive inter-platform content such as music and electronic books. This is all made possible by our extensive homepass coverage, together with the largest 3G mobile customer base in Hong Kong, a well-established team of more than 1,000 sales professionals and nearly 300 sales outlets. All this convinces us that now is the right time to present the home broadband market with an exciting new online experience."

Continued 3 Hong Kong

3Home-Runner team ensures express broadband delivery

3Home Broadband has established the 3Home-Runner team to perform express delivery of its high-speed fibre-optic broadband service around various districts in Hong Kong. One-stop services range from registration to scheduling of installation.

A 24-hour 3Home Broadband customer service hotline and technical support ensure a happy and carefree online experience. 3Home Broadband's customer service representatives will be on constant standby to provide helpful advice in the event of any Internet-access enquiries.

Wide range of content for the entire family

3Home Broadband has put together a rich mix of content to satisfy the needs of every single family member. Fooz Kids enables children to browse safely, while 3Jetso provides exclusive offers to 3Home Broadband customers via various "group buy sites" starting with COUPONANA. At the same time, KKBOX opens up access to the world's largest database of Chinese songs and high-definition music videos. 3Books offers a database of more than two million fiction/non-fiction books, magazines, photo books, comics and more, while Shot'n Print

provides an online photo-printing service. Your family can now enjoy a range of high-speed, high-definition broadband delights from 3Home Broadband.

Large-scale 3Home Broadband promotion campaign launches

3 Hong Kong has launched a vibrant promotion campaign to publicise 3Home Broadband and a new era of fibre-optic enjoyment ushered in by 3Home-Runners for local households.

A new TV commercial in 1-minute and 30-second versions were screened by five local TV stations. In the 30-second version, members of popular RubberBand sang the theme song and acted as 3Home-Runners, racing round Hong Kong to deliver fibre-optic broadband. Massive outdoor billboards and newspaper ads carrying the "Love Speed! Love Going Home!" message were also displayed throughout town.

For more information on 3Home Broadband, please call the 3Home-Runner hotline on 3166 2222, visit any 3Shop or the 3Home Broadband website at www.threebb.com.hk.

**Statistics of Internet Traffic Volume, OFTA.*



Keeping Businesses Going in Times of Need

By Hutchison Global Communications

In June, Hutchison Global Communications Limited (HGC) went on air with two Metro Finance's radio shows, *Breakfast with Heung Shu Fai* and *Corporate Expo*. The interviews were conducted with Andrew Kwok, Senior Vice President - International Business of HGC, in which he discussed a wide range of issues related to the telecommunication landscape in Hong Kong and in the region.

Below are the excerpts of the two interviews:

Metro Finance: In the recent earthquake which hit Japan, how were you able to keep your business going and deal with disaster recovery process then?

Mr. Kwok: HGC services were not affected at all and throughout the catastrophe, we were able to carry on normally because of our advanced and comprehensive restoration plan, and our diversified cable systems. We had multiple network paths designed into the network and we were able to immediately re-route the voice and data traffic to a number of unaffected routes. Although some data services for corporate customers were affected, we were able to fully restore our services within four hours.

Metro Finance: HGC has been in the forefront of providing carrier-grade services in the region. How did HGC expand its network to Greater Mekong Subregion (GMS) area?

Mr. Kwok: HGC's fully-fledged network has been extended to the GMS for more than a year now, and it covers Vietnam, Thailand, Laos, Cambodia and Myanmar. The GMS network was built in co-operation with local carriers in the GMS combined with HGC's submarine cable resources. GMS countries cooperated with us because they realised that such a move can bring new technologies and latest co-operation models to them and they can attain higher customer service levels too.

Metro Finance: What about your other expansion plans in Europe and other areas?

Mr. Kwok: HGC has strengthened its local business presence in Europe, the Middle East and Africa by establishing an office in London last December. This strategic move

gives our customers the international connectivity they need especially from mainland China to Europe and Africa. Along with this, we have also strengthened our business development in the United States as well as in Canada.

Metro Finance: How does HGC maintain its competitiveness with quality of service in the market?

Mr. Kwok: To maintain HGC's competitiveness, the price of our services should be reasonable but at the same time the network performance is of paramount importance, which can only come about when it is carefully planned and designed with diversity in mind, all of which HGC has done. We also need a good relationship with other carriers as we can help one another in times of crises such as in the Japan earthquake, where HGC was able to help five operators including one from the United States and others in Asia to restore their networks.

Metro Finance: How do you see the future market development?

Mr. Kwok: Ultimately, for telecom operators to be sustainable in the future, it is important for them to focus their resources on their core strengths and the areas in which they can make the most contributions and to cooperate with other operators, such as in the IT and mobile areas.

To listen to the two interviews (available in Cantonese only), please visit www.hgc-intl.com.



Photo : Courtesy of Metro Finance

The I-Consulting Group (ICG) offers ground breaking and state-of-the-art cloud based DR solution protecting your business data fast and securely – iCare Disaster Recovery for Server and PC as a Service

By The I-Consulting Group



Disaster is unpredictable. This can happen due to natural, human or any IT machines error. SMEs cannot afford the risk of any data loss such as customers' records, confidential business documents, credit card information or sensitive personnel files. According to the research from Symantec, small and medium enterprises (SME) do not realize the profound impact of the disaster caused. In fact, simple IT disaster recovery (DR) planning about back-up not only protects SMEs' vital information, it also helps them build customers' trust. Therefore, ICG designed and developed a cloud-based monthly subscription backup service that is the first in Hong Kong, effective, affordable and **iCare DR for Server and PC as a Service (aaS)** provide an effective and efficient solution for protecting business data without limited storage.

“Today, 28% of all corporate data resides exclusively on laptops. Yet whom you consider that only 35% of those laptops are backed up regularly, the need for a corporate-wide, seamless, scalable laptop backup solution becomes obvious.” says Mr. Andy Lau, CEO & Founder, ICG. That is why iCare DR as a Service was designed to achieve.

iCare DR for Server and PC asS is distinct from normal tape backup solution, which is a fully automated enterprise laptop and server backup solution to protect corporate data for office and remote users. ICG uses the most advance byte-level CDP (continuous data protection) technology to enable Fast up to the minute transfer of your data across Standard Internet Line. More importantly, ICG uses the most advance Data-Deduplication (the third generation) technology to back and restore files at fraction of the time compared to traditional backup solutions. The technology saves 90% in Bandwidth & Storage because block level Data- Deduplication saves only a single copy of data duplicated across users, making backups 10X faster.

Since we use ICG's iCare DR for Server as a Service, our disaster recovery system becomes more stable and reliable. It saves over 90% of the bandwidth, saves costs and it is easy to manage.”



(L) Mr. Eric Leung, VP, Consulting ICG and (R) Mr. Benny Ho, IT Director, Asia Gardner Denver (Photo taken in Feb, 2011)

(a multinational corporation; stock code: NYSE:GDI)

Data or system backup no longer requires costly financial and human resources. Non IT users only need to perform an easy installation process with 3 steps. Users can restore the data easily by him or herself. There are unobtrusive backups over any network such as LAN, WAN or VPN and it can be done at anytime and anywhere and the data can be accessed using a web browser, iPad/iPhone or Android. The data will never be searchable on any private or public search engine because the data resides on a Private Encrypted Database.

About The I-Consulting Group (ICG):



ICG is a professional firm specializing in IT Managed Services & Consulting Services. In response to overwhelming demands from companies who are looking for a cost effective solutions to assist them to run IT Departments, ICG introduces an innovative service model that enables IT Performance to be Measurable, and Easy to Manage at an affordable rate. ICG's success stems from its passion for top quality management.

ICG is the only IT Service Provider in Hong Kong who has attained International Quality Management Standard ISO9001:2008 and won the Quality Award 2009 for SMEs awarded by the Hong Kong Management Association. ICG delivers IT services based on Information Technology Infrastructure Library (ITIL®) best practice.

Continued By The I-Consulting Group

Additional information on The I-Consulting Group can be found at www.i-cg.com

ICG Journey - At a glance:

ICG Corporate Profile: http://www.i-cg.com/icg/about_icg/ICGCorporateProfile.pdf

ICG iCare DRaaS Successful Case Sharing - Gardner Denver: http://www.i-cg.com/icg/about_icg/CaseStudy-Gardner_Denver_iCare_DR_aaS.pdf

For iCare DR for Server/PC as a Service Advertisement: http://www.i-cg.com/icg/our_services/eDM_DR.html

Legal Industry IT Forum held by ICG: <http://www.i-cg.com/icg/events/ICTLegalForum2009.html>

Silicon Valley meeting with Mr Scott McNealy: http://www.i-cg.com/icg/news/25_sept_2010_6.html

ATV Interview: <http://www.youtube.com/watch?v=MDX5BHVuTVc>

ICG Events: <http://www.i-cg.com/icg/events.html>

ICG News: <http://www.i-cg.com/icg/news.html>

Facebook page: <http://www.facebook.com/icghk>

Twitter: http://twitter.com/#!/icg_asia

Weibo: <http://weibo.com/2281814531/profile>

Enquiry:

Ms. Michelle Cheong

Marketing Executive, The I-Consulting Group (ICG)

Tel. +852 2369 9618 Ext. *1239

Fax. +852 2368 9479

Email: marketing@i-cg.com

China Mobile Hong Kong launches “Roaming Manager” Mobile App

By China Mobile Hong Kong Company Limited

China Mobile Hong Kong Co. Ltd. (“CMHK”) recently launched a new mobile app “Roaming Manager” to maximize the convenience for frequent travelers.

New mobile app “Roaming Manager” comes with various features including :

- Tips on reducing expenses/useful info
- Data usage monitor and alerts
- Latest roaming tariff
- Tools for making calls & sending SMS
- World Weather
- Info on roaming services

Android version is now available for download free of charge. Customer can visit Android Market and download “Roaming Manager” app to their mobile.



此手機應用程式內所列出的流動通訊服務及收費，只適用於中國移動香港月費計劃客戶，有關詳情請瀏覽中國移動香港網頁



i-CABLE Stages App for Smart Devices

By i-CABLE

i-CABLE Communications Limited has recently launched its first iPhone app "joemud?", bringing to users a multi-functional information magazine of handy tips and useful functions on the mobile platform.

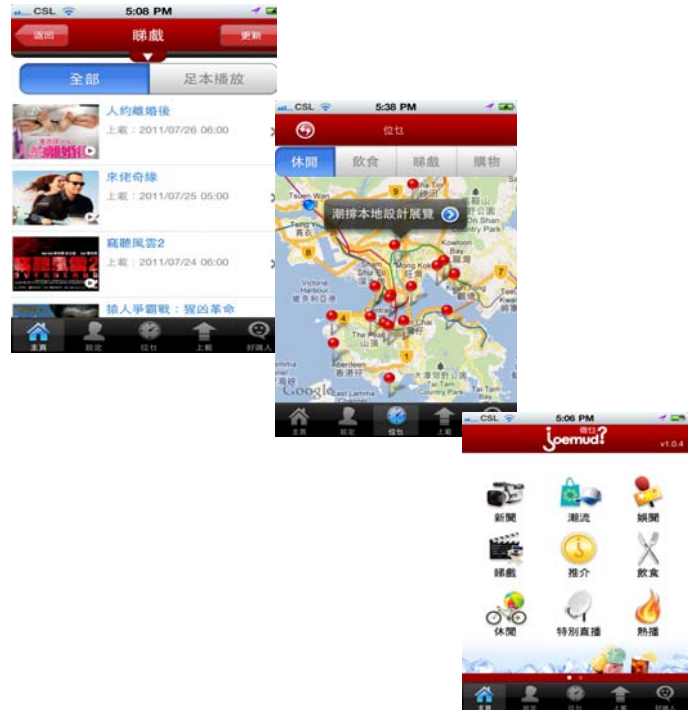
Available for free download at the Apple Store, "joemud?" provides users with trends and entertainment news, dining and shopping tips, TV programming information, movie trailers and social networking available at their fingertips on the go.

i-CABLE New Media Development controller Mr. Alan Cheung says technology advances are fueling tremendous growth in the use of mobile devices, bringing revolutionary changes to multimedia markets across the globe.

"The 'joemud?' initiative seeks to give customers a brand new viewing experience by bringing together i-CABLE's rich programming resources and mobile technology benefits," he says.

To help showcase the enormous potential of such synergy, this summer's prestigious 2011 UEFA Super Cup match was made available live on the mobile platform with 'joemud?', breaking new grounds in the local telecommunications and entertainment scene.

"Showing the match live on 'joemud?' is testament to i-CABLE's continuous commitment to be creative and innovative in serving our viewers. It also marks an important step forward towards providing customers with cross-media, cross-platform services," says Mr Cheung.



joemud? offers trends and entertainment news, dining and shopping tips, TV programming information, movie trailers, maps, and social networking.

CABLE TV Launches New BPL Channel

By i-CABLE

CABLE TV has introduced a brand new hd200 channel providing soccer fans with 24-hour coverage of the 2011/12 Barclays Premier League's top-notch action in its best-in-town HD service.

hd200 broadcasts round the clock throughout the season, bringing viewers exclusive and extensive BPL coverage including live and tape-delayed matches as well as magazine and highlights programmes. The matches are also simulcast in SD on Ch300.

This latest addition has boosted CABLE TV's BPL platform to a total of 11 channels, with hd200, hd201, hd202, hd203

and hd204 in HD production as well as Ch300, Ch301, Ch302, Ch303, Ch 304 and Ch305 in SD.



CABLE TV's elite team of soccer commentators welcoming viewers to the 2011/12 Barclays Premier League kick-off.

CITIC Telecom CPC offers you a SMARTER, BETTER AND HIGHER PERFORMANCE way for operating your business

By CITIC Telecom CPC



High-Performance Cloud Resources At Your Total Command

NEW TECHNOLOGIES ARE CREATING NEW POSSIBILITIES. Time-to-market and high strategic agility are key success factors in today's fast-paced business environment. With rapid development in the IT sector over the last few years, Cloud computing is no longer IT vaporware but a reality. Cloud computing is highly relevant when considering new business opportunities and technology possibilities—it is a way to increase capacity, or add capabilities on the fly, without investing in new infrastructure, training new personnel, or licensing new software. Cloud computing encompasses any subscription-based or pay-per-use service that, in real-time over the Internet, extends existing IT capabilities.

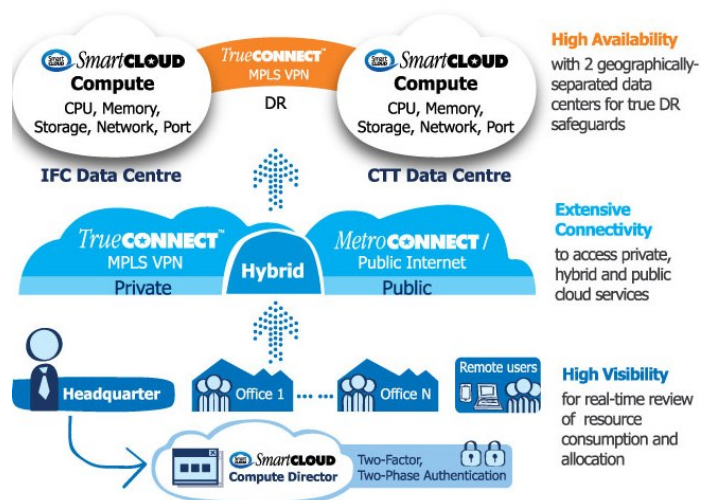
CITIC Telecom CPC has the perfect solution: SmartCLOUD Compute, a revolutionary virtual server solution that goes beyond ordinary offerings to deliver best-in-class high-performance and high-availability with unprecedented value and management ease. With five major resource factors at your instant disposal (virtual memory, storage, CPU, network and a physical port), SmartCLOUD Compute is the total solution to dynamically boosting business efficiency, competitiveness and agility. Now you can securely scale out without barriers.

High Availability(HA) with True Disaster Recovery(DR) Safeguards

BUILD YOUR BUSINESS WITH CONFIDENCE. CITIC Telecom CPC SmartCLOUD cloud computing solutions which can complement the company's managed network and managed security solutions. On SmartCLOUD Compute, robust High Availability and true Disaster Recovery give you perfect peace-of-mind. Automated in-site failover (across even disparate hardware) can in-

stantly restore services, network assets and storage access, minimizing business operations disruption. Even in a hybrid environment, business can still enjoy the load balancing and high availability features of the solution.

For added reliability, CITIC Telecom CPC offers SmartCLOUD Compute High Availability solution that leverages tandem SmartCLOUD Compute deployments to achieve true fault tolerance. CITIC Telecom CPC is the cloud solution provider in Hong Kong with truly geographically-separated data centers at the CTT in Kwai Chung and IFC in Central.



A Next-Generation Solution with Superior Flexibility and Reliability

Instead of merely provide simple virtual machines, SmartCLOUD Compute puts complete resource pools at your disposal, allowing your organization to dynamically allocate resources where appropriate, maximizing efficiency and effectiveness.

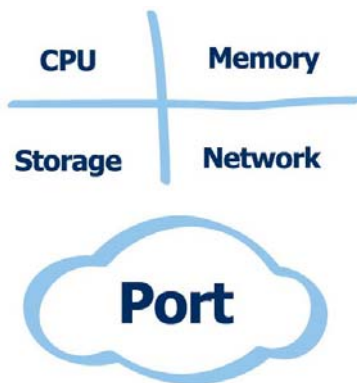
Continued CITIC Telecom CPC

In addition, SmartCLOUD Compute's workload balancing features enable businesses to add additional servers, with appropriate connectivity, on an as-needed basis, including dynamically scaling CPU performance, toggling power, and even swapping servers in, out and between physical or virtual machines. All adjustments are instantaneous and undoable, with zero migration issues caused by varying software or hardware versions and configurations.

Moreover, the solution seamlessly interoperates with CITIC Telecom CPC's world-class MPLS VPN services, facilitating businesses to deploy their own cloud system solutions in a hybrid environment, or leverage any other Internet access options.

5 key components to facilitate smooth and efficient operations

- **CPU:** Dynamic core allocation to satisfy application requirement.
- **Storage:** High performance SAN storage with redundancy feature.
- **Memory:** High performance virtual processing memory with motion and fault tolerance technology.
- **Network:** Provide private switching environment to ensure link layer security.
- **Port:** Provide flexible/trunked private connectivity to Internet, MPLS, and other private connection to maximize physical security.



Highlights

- A cloud computing solution with truly DR capability in Hong Kong
- A flexible total solution consists of memory, storage, CPU, network and port
- Resource pool solution for seamless reallocation of resources
- Online self-service console for real-time resource management
- Interoperation with CITIC Telecom CPC's MPLS VPN and managed security services to facilitate the deployment of cloud systems
- 2-factor, 2-phase authentication for secure access to online console

User Benefits

- Reliable platform with DR capability against interruption of business
- Seamless relocation of resources for maximum operations efficiencies
- Increase productivity of IT staff by reducing unproductive maintenance work
- Rapid and easy to deploy for coping with business needs
- Cost recovery for consumable and non-consumable resources
- Online self-service console for easy management
- No upfront CAPEX, flexible OPEX model

Should you have any questions regarding CITIC Telecom CPC products and services, please call us at (852) 2170-7401 or email us at info@citictel-cpc.com.

www.citictel-cpc.com

UNPLUG! Let's rethink mobile broadband

By Ericsson Limited



ERICSSON

The mark of a great invention is that it's never really finished. Great inventions constantly evolve to create new values, and inspire new streams of creativity along their way. Ericsson believed from the start that Mobile Broadband was one of those great inventions; that it would come to transform the Internet as fundamentally as the mobile phone had once transformed telecommunications.

Today, many years after coining the term and filing the first patents, we think we're finally there. Mobile Broadband has come to a point where it's not only about optimizing technologies and services anymore. It's also about exploring a whole new way of doing business. The new era of Mobile Broadband requires us to rethink how we innovate, operate, partner and make money. And opportunities are infinite for those who do.

So what does it take to lead the way? The cornerstone is still a smart, scalable and superior network, along with systems, processes and services tailored to bring out the best of it. But it also takes a shift of mindset – a collaborative approach to innovation that uses the power of ecosystems to open new doors. Finally, it takes the courage to go first, because Mobile Broadband is a game where first movers get rewarded. Ericsson knows this. We did it back then and now we're doing it again.

Welcome to the new era of Mobile Broadband.

Envisioning a networked society in the future

Catchy phrase – The Networked Society – but what exactly does this phrase mean, you may ask?

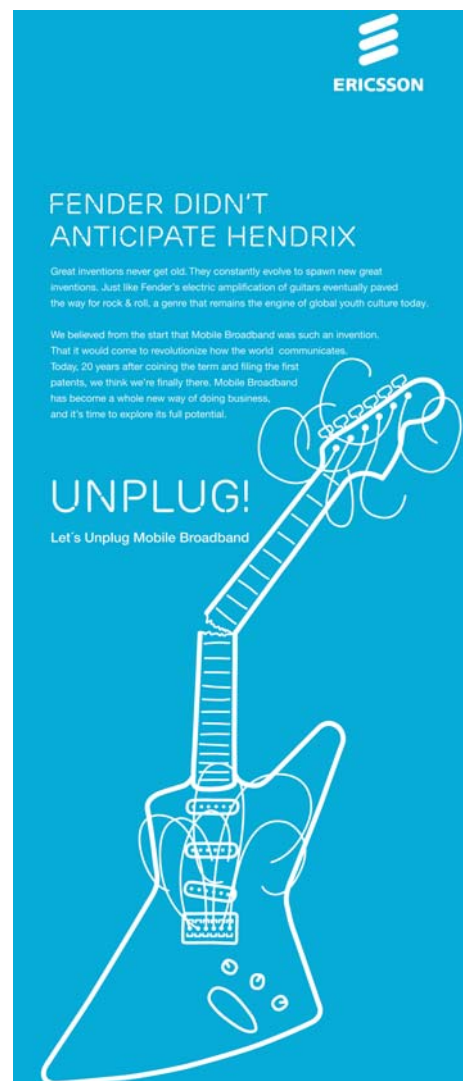
Well, the Networked Society is Ericsson's view of the rapid transition of the world and its effects on people, business and society. Like it or not, we are part of a massive ecosystem that both defines and participates in these transformations.

The concept of the Networked Society is a natural ex-

ension of the Information Society that we're living in today. As technology advances and infrastructure evolves in the coming decades, the way we live, work and the way markets function and societies act will also change.

Hans Vestberg, President and CEO of Ericsson, says it best: "We see the benefits that are possible when things, as well as people, are connected intelligently. When one person is connected, his life changes; when everything is connected, the world changes. That is the essence of the Networked Society."

Ericsson's vision is that in a Networked Society, people, knowledge, devices, and information will be networked for the growth of society, life and business.



Essentially, in a Networked Society, everything that benefits from a connection will be connected – this means a world where 50 billion devices will be connected by the year 2020. In this society, old barriers to learning, participation and economies are broken down and we will see new models, services and solutions to meet the global challenges we face.

The advances in technology will enable new opportunities for people to create, learn, sustain and innovate for positive impact to our world. We call this new emerging society, of which we have yet only seen the beginning, the Networked Society.

In tandem with this, ICT is converging into a universal information infrastructure driven by the combined forces of mobility, broadband and cloud services. These forces can address some of the biggest challenges on Earth – including education, population movements, carbon dioxide emissions, and healthcare.

Singapore, Stockholm and Seoul have successfully met many social, economic and environmental targets by making extensive investments in ICT.

Singapore, for example, is aggressively driving innovation in e-health, and is a pioneer in traffic-congestion management.

Stockholm uses ICT as a major enabler for research collaboration and knowledge transfer, while Seoul is using ICT to realize green high-tech initiatives.

The index also suggests actions for low-ranking cities, which are encouraged to provide digital access and ICT training for the underprivileged parts of their populations to reduce the digital divide.

Rounding off the top-10-ranking cities in the Networked Society City Index besides the top three are: London, Paris, New York, Tokyo, Los Angeles, Shanghai and Beijing.



Networked Society index

In a recent study by Ericsson and management consultancy Arthur D. Little, it was revealed that Singapore, Stockholm and Seoul were the top-ranked countries in Ericsson's Networked Society City Index.

What's interesting is that the study shows that cities with a high level of ICT maturity are better able to manage issues such as environmental management, infrastructure, public security, health-care quality and education.

SmarTone brings unparalleled retail experience to customers with its new ifc store expansion

By SmarTone

(Hong Kong, 11 August 2011) SmarTone reopens its enlarged store in ifc mall in Central today. The store adopts a new generation of design bringing greater flexibility in the use of space and an unparalleled retail experience to customers. The new retail design enables more efficient placement of products and demonstration tools throughout the store's footprint, and customers can be served anywhere with the help of a new wireless retail system.

"Our new store design aims to bring customers closer to our services as well as the products on display - part of our continuing efforts to provide unbeatable and more valuable experiences to them. All in-store devices are active and connected, allowing customers to try them out as they wish," says Douglas Li, CEO of SmarTone. "Our retail staff is always on hand to assist, with the full resources of our customer management system now wirelessly enabled through the new retail terminals. Customers can be served anywhere they wish within the store and improved operational efficiency is expected with the elimination of all paper work."

SmarTone is also the first in Asia to adopt the latest payment solution from VeriFone and Global Payments, operating wirelessly on iPhone platform. The solution provides encrypted data transmission on the HSPA network, enabling sales staff to conduct transactions anywhere in the store. This new technology will be rolled out across all SmarTone's stores in due course, together with the new retail design and wireless customer management system, bringing an outstanding retail experience to all customers.

"Exemplary service, quality and innovation have always

been at the core of what SmarTone stands for. The combination of these initiatives sets new standards in customer service and mass retailing in Hong Kong and we are confident that our customers will love the difference," added Mr. Li.

Notes to the Editor:

Shop address

Shop 1025

Ifc shopping mall, Central

Opening Hours

Mon-Sat: 8:00am-9:00pm

Sun/PH: 10:00am-9:00pm



SmarTone launches Call Guard service to help bar nuisance calls to its customers

By SmarTone

Hong Kong, 17 August 2011) Today SmarTone announces the launch of Call Guard, a service designed to help its customers to minimise the increasing intrusion into their lives by uninvited marketing calls. The Call Guard service is Cloud based and is provided on apps running on the three leading smartphone platforms – Apple’s iOS, Android and BlackBerry.

"Based on statistics from our network and market research, we estimate that the population of Hong Kong receives over 2 million marketing calls a day, on a rising trend, with the overwhelming majority of these calls being uninvited and unwelcomed. This spamming behaviour results in annoying intrusion into our customers’ daily lives, invading their personal space, wasting their time and even wasting their money when roaming," says Mr. Douglas Li, CEO of SmarTone. "In order to help our customers regain control over this worsening problem, we are launching Call Guard to enable our customers to collaborate together in identifying and collectively barring these nuisance calls".

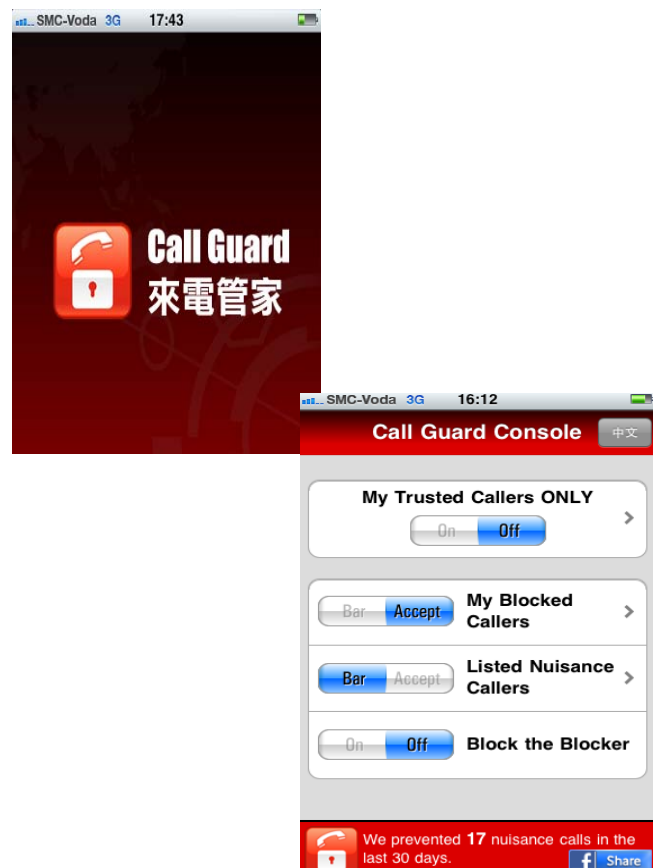
Call Guard’s customers can easily report and block a nuisance caller’s number at a single touch of a button even when the caller ID is not revealed. Customers may also exercise more tailored control over their incoming calls through personal lists of trusted calling numbers and blocked calling numbers. This combination of incoming call enabling and blocking features, all instantly switchable on the Call Guard apps provides customers unparalleled flexibility and ease of use.

"The use of "My Trusted Callers Only" feature will help our customers get a decent night sleep while travelling abroad on a different time zone. They will no longer be waken up in the early hours except for calls from those who are important in their lives and are already included in their individual trusted callers lists," says Mr. Li. "Customers will even save money when roaming as the

collectively identified nuisance calling numbers will not get through to their phones."

"We encourage our customers to participate actively to build a community in fighting against nuisance calls and regain control in their lives. Customers will be helping each other and helping themselves most of all as a result of their collaboration. Call Guard should help stem the rising tide of uninvited nuisance marketing calls in Hong Kong. It is the first step towards an intrusion-free future and we are confident that our customers will love the difference," adds Mr Li.

A special Facebook application is being launched at the same time to enable Hong Kong’s netizens to join an online movement to voice their protest against nuisance calls and participate through various stages of a challenge to win fabulous prizes. Everyone in Hong Kong is invited to visit www.facebook.com/smartone-vodafone to join the movement.



Pacnet Speeds Digital Content Delivery Across Asia

By PACNET

The company unveils plan to offer leading edge content delivery solutions that leverages its extensive network and hosting infrastructure.

Pacnet announced its strategic plan to deliver a new next-generation content delivery network (CDN) service that enables businesses to accelerate the delivery of digital content to the growing global online audience, with unparalleled speed and scale.

“This is part of our enhanced content delivery strategy which leverages our extensive regional subsea network coverage and data centers in Asia, to bring to the market unmatched digital content solutions that will go beyond just content distribution, to meet the increasingly sophisticated digital content requirements of today’s web-enabled businesses,” said Bill Barney, Chief Executive Officer of Pacnet.

“With web content growing richer, CDN services have rapidly become increasingly important to digital content creators, especially in the media, entertainment and gaming industries, and are key to helping them monetize their content and ultimately, grow their business,” said Chris Wilson, Pacnet’s Senior Vice President of Product Strategy and Management.

Through Pacnet’s new CDN service, businesses in Asia will be able to ensure the smooth and seamless delivery of high-definition videos and graphics, software and web pages to their audience and customers around the world. The service will also benefit businesses from around the world looking to accelerate digital content delivery to the

growing Asia market.

“Pacnet’s CDN service is unique in that it is leveraged by our full ownership of the network and hosting infrastructure, which gives us end-to-end control of the CDN network, allowing us the speed and flexibility to scale up quickly to meet the demands of our customers and deliver to them a complete one-stop, digital content distribution solution,” said Mr Wilson.

This new content delivery network service will be supported by technology the company has licensed from EdgeCast, a leading provider of CDN technology. “We are delighted that Pacnet has chosen EdgeCast technology for its CDN solution and believe that the synergy between our CDN technology and Pacnet’s extensive network infrastructure will deliver a unique CDN solution that will accelerate the web experience across Asia,” said James Segil, President, EdgeCast Networks.

According to Frost and Sullivan, the global CDN market is a rapidly growing market and forecast to expand at a compounded annual growth rate (CAGR) of 27 percent, from \$1.3 billion in 2010 to \$4.2 billion by 2015.

Pacnet’s new CDN service will be ready for service by the end of 2011, with Points of Presence (PoPs) in major cities across Asia.

NTT Global Forum in Hong Kong Unveiled Business Opportunities and Upcoming Innovations in Enterprise ICT

By NTT Com Asia

Event addressed how cloud and universal network solution to drive the arrival of "The Seamless World"

NTT Com Asia Limited, a wholly owned subsidiary of NTT Communications Corporation organised the NTT Global Forum themed "The Seamless World," on 15 September 2011 at The Mira Hong Kong. The event addressed how emerging technologies are creating opportunities, enhanced efficiency and reduced costs for enterprises by tapping into increased simplicity, mobility and agility within the business environment.

As a trusted ICT partner, NTT Com Asia is dedicated to empowering enterprises through technological transformation from the physical to the virtual with enhanced connectivity and improved infrastructure, facilitating the adoption of cloud and e-commerce solutions. "We are delighted to present the NTT Global Forum to spark new ideas and innovations in crossing and unifying platforms, devices and applications to create a more versatile and ubiquitous communication environment," said Mr. Takanobu Maeda, President & CEO, NTT Com Asia. "By pulling together so much expertise and experience at this event to discuss views on markets and technology trends, the mobile cloud, seamless network and more, we hope to engage enterprises in tapping into new opportunities in this world of simplicity, agility and mobility."

"The consumerization of enterprise IT, driven by the proliferation of mobile devices, cloud services and social media, is a challenge to CIOs and IT managers. They now need to come up with innovative new approaches for how to deal with the security and integration issues of having multiple platforms and mobile devices in the enterprise environment," said Mr. Claus Mortensen, Principal, Emerging Technology Research Practice Group, IDC. Managing the 'always-on, always connected' demand from employees and customers alike is by no means easy and partnering with a service providers that can deliver reliable connectivity, data center services and solutions is often a fundamental key to success."

Series of keynote speeches and executive panels were presented by thought leaders and senior executives from NTT Communications, affiliate companies and IDC.

Apart from keynote speeches, there were executive insight panels, product showcases and networking sessions. Two NTT Communications Group companies, Emerio and Integralis, also joined the event as exhibitors.



Welcome remarks by Mr. Takanobu Maeda, President and CEO of NTT Com Asia



NTT Global Forum features series of keynote speeches and executive panels by thought leaders and senior executives of NTT Communications, affiliate companies and IDC.

NTT Communications Builds its First Financial Data Centre in Hong Kong

By NTT Com Asia

Enhancing the Competitiveness of Hong Kong's Financial Sector by Offering Proximity Location and Ultra-Low Latency Solution Tailored for Next Generation Trading Strategies

NTT Com Asia Limited, a wholly owned subsidiary of NTT Communications Corporation, held a Foundation Stone Laying Ceremony on 14 September 2011 for its new NTT Communications Hong Kong Financial Data Centre* in Hong Kong. The Financial Data Centre will provide critical infrastructure designed to strengthen the city's strategic position both as a global financial centre and as an Asian Information Communications Technology (ICT) hub.

"High frequency trading (HFT) now accounts for up to 70 percent of turnover in U.S. equity markets, according to press reports," said Mr. Maeda. "Following this trend, Asian hedge funds, investment banks and other institutional investors are enhancing their IT infrastructure and adapting trading strategies to stay competitive in a trading environment where every microsecond counts. NTT Communications Hong Kong Financial Data Centre's unique features of proximity to the stock exchange, its Ultra-low Latency Solution and Tier IV ready infrastructure will play a critical role in enabling the financial community to stay ahead of the game and accelerate growth in the Asia market," Mr. Maeda noted.

To be launched in 2013, the dedicated Financial Data Centre is expected to meet the most stringent requirements of mega financial services institutions eager to gain a competitive advantage from the facility's unparalleled proximity and Ultra-low Latency Solution that facilitate electronic trading. The Financial Data Centre will be built adjacent to the new Hong Kong Exchanges and Clearing Limited's (HKEx) Next Generation Data Center currently under construction in Tseung Kwan O. This extremely short physical distance between trading systems housed in the Financial Data Centre with the trading

venue plays a critical role in low latency strategy.

In addition, by co-locating the cable landing station of NTT Communications' Asia Submarine-cable Express** (ASE) and the network node of its global network, the Financial Data Centre will provide ultra-three financial hubs. The connection is further extended to the U.S. with PC-1, the undersea cable with shortest route between the U.S. and Japan.

The Financial Data Centre will deliver the utmost level of reliability, redundancy and resilience with its Tier IV ready fault-tolerant infrastructure, which is capable of withstanding a critical incident like earthquake, fire or leak with no single point of failure. It also adopts modular design and is highly customizable for hybrid tiering to match with different business needs.

The strategic investment in the Financial Data Centre with an acquisition of 30,000 sq. metres of land clearly shows NTT Communications' confidence in the market and long-standing commitment to providing premium ICT solutions for the fast-growing data centre business in Hong Kong and Asia.

"Hong Kong has significant advantages to be the prime location for data centres in the Asia Pacific region. Our institutional and geographical advantages, including proximity to the Mainland, business-friendly environment, sound protection of data privacy, reliable power supply, comprehensive telecommunications infrastructure, sophisticated submarine and overland cable systems for international communications, and low risk of natural disasters, put us in good stead. I am confident that Hong Kong will be able to meet the current and future challenges in the highly competitive global environment. And

we all will keep up with the good work as a leading financial, trading and logistics hub in the region,” Miss Tse said.

* “NTT Communications Hong Kong TKO Data Centre” is also referred to as “NTT Communications Hong Kong Financial Data Centre” and will be constructed and operated by NTT Worldwide Telecommunications.

** The cable landing station of NTT Communications’ Asia Submarine-cable Express (ASE) will be launched in 2012.



(From right to left) : Mr. Takanobu Maeda, President & CEO, NTT Com Asia Limited; Mr. Stephen Mak, Government Chief Information Officer, HKSAR Government; Miss Elizabeth Tse, Permanent Secretary for Commerce & Economic Development (Communications & Technology), Commerce and Economic Development Bureau, HKSAR Government; Mr. Akira Arima, President & CEO, NTT Communications Corporation; Mr. Yuji Kumamaru, Consul-General, Consulate-General of Japan in Hong Kong; and Mr. Kazunori Tanaka, President & CEO, NTT Worldwide Telecommunications Corporation; officially lay the foundation stone for the new NTT Communications Hong Kong Financial Data Centre.

Abide by the Rules Support Clean Elections

By ICAC



The 2011 Election Committee (EC) Subsector Elections will be held on 11 December this year. Similar to other public elections, the EC Subsector Elections are also regulated by the Elections (Corrupt and Illegal Conduct) Ordinance enforced by the ICAC. Candidates, election helpers and voters have to understand the requirements of the law, abide by the rules and uphold clean and fair elections.

Points to Note

- ✓ Abide by the laws and uphold clean elections
- ✓ Incur election expenses only after having obtained written authorisation from a candidate as his/her election expense agent
- ✓ Include the particulars required by law in all printed election advertisements
- ✓ Use the name or logo of a person or an organisation in an election advertisement for showing support only after having obtained written consent from that person or organisation

- ✗ Do not solicit or accept any advantage, food, drink or entertainment as an inducement to or a reward for not voting at an election, or voting or not voting for a particular candidate or particular candidates
- ✗ Do not use or threaten to use force or duress to prevent any person from standing as a candidate or to influence anyone's voting decision
- ✗ Do not vote in an election knowing that you are not entitled to do so
- ✗ Do not publish false or misleading statement of fact about a candidate

The ICAC has launched a series of education and publicity activities, such as arrangement of briefing sessions, production of information booklets and pamphlets, etc. For details, please visit the ICAC Election Website : www.icac.org.hk/en/elections.

ICAC Election Enquiry Hotline : 2920 7878

24-hour Report Corruption Hotline : 25 266 366

GfK TEMAX® (Technical Market Index)

By GfK Retail and Technology Hong Kong Ltd.

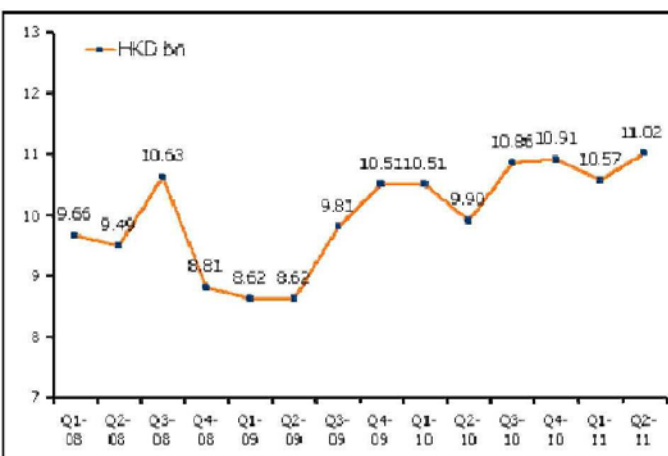
Excellent overall performance in Q2 2011 boosts half-year results

Results of GfK TEMAX® Hong Kong for the second quarter

Hong Kong, August 17, 2011 - For the second quarter of 2011, the technical consumer goods (TCG) market boasts a double-digit growth against Q2 2010. All sectors tracked by TEMAX achieved positive growth with the exception of the Consumer Electronics (CE) and Information Technology (IT) sectors. For the first half of 2011, the overall TCG market grew 6% compared to the same period in 2010.

The Hong Kong TEMAX markets closed the first half of 2011 with a total value of more than HKD 20 billion. This was mainly contributed by the IT and Telecommunication sectors which accounted for more than half of the total value. The Telecommunication sector garnered good double-digit growth in Q2 2011 compared to Q2 2010. The Home Appliances, Office Equipment and Consumables (OE) and Photo sectors also experienced strong growth, while the CE and IT sectors were in the red compared to Q2 2010.

Sales trend for durables in Hong Kong



Source: GfK TEMAX® Hong Kong, GfK Retail and Technology

Telecommunication: A strong comeback in Q2

The Telco sector secured close to HKD 4 billion earnings in the second quarter of 2011 to register more than 50% growth compared to Q2 2010. This largely mirrored the sales achievement of mobile phones as sales of smart-phones, especially those using Android OS, soared. This sector was the second best-performing market for the first half of 2011 in terms of year-on-year growth rate.

Small Domestic Appliances: Single-digit growth achieved

The SDA sector raked in more than HKD 800 million in Q2, with air conditioners making up almost two-thirds of the share of total earnings in this sector. Food preparation almost doubled its earnings in Q2 2011 against Q2 2010. It is worth noting the average price of SDA products tended to be resilient against downward pressure.

Office Equipment and Consumables: Printers in the red
After witnessing tremendous growth in Q1, printing devices in this quarter witnessed a 10% decline in sales compared to Q2 2010. On the bright side, all other products posted double-digit growth, with coated paper taking the lead.

Photo: Sales maintained

The digital camera market continued to achieve a relatively good level of sales in the second quarter of 2011. For the first half of the year, the Photo sector has raked in more than HKD 3 billion worth of value. Sales of compact cameras had some strong months while the changeable lens segment's performance also compensated for weaker sales in DSLR

Major Domestic Appliances: Washing Machine continues to decline

Despite washing machines turning in a decline in Q2 2011, this product, along with air conditioners, made up

more than an 80% share of the MDA sector this quarter. Products that performed well were built in hobs and cooking items.

Information Technology: In the red

With monitors and desk computer sales continuing to decline, and mobile computers seeing a mere 5% growth, the IT sector closed Q2 2011 in the red. Despite sales shifting more to higher performance mobile computers, the significant decline of netbooks hindered overall growth. Nevertheless, the IT sectors contribution to the technology market in Hong Kong remained substantial.

Consumer Electronics: Sector down double-digit

Products like portable media players, headphones and memory devices grew double digits in Q2 2011 compared to the same quarter last year. On the other hand, LCD-TV sales continued to decline, pulling down the overall performance of the CE sector in Q2 2011. Price discounting, as a tool, has become less effective in stimulating sales.

Summary in table format

	Q3 2010		Q4 2010		Q1 2011		Q2 2011		Q2 11 / Q2 10		Q1-2 2011 / Q1-2 10	
	N.HKD	M.HKD	N.HKD	M.HKD	N.HKD	M.HKD	N.HKD	M.HKD	+/-%	M.HKD	+/-%	M.HKD
Consumer Electronics (CE)	1,965	2,074	1,993	1,720	-12.4%	3,714	-9.3%					
Photo (PI)	1,504	1,784	1,645	1,539	2.2%	3,184	-4.0%					
Major Domestic Appliances (MDA)	459	462	453	455	1.9%	908	-1.4%					
Small Domestic Appliances (SDA)	729	433	645	839	8.1%	1,484	13.8%					
Information Technology (IT)	2,877	2,687	2,565	2,459	-3.8%	5,024	-0.7%					
Telecommunication (TC)	3,053	3,247	3,035	3,805	33.7%	6,840	22.3%					
Office Equipment & Consumables (OE)	159	218	229	201	6.7%	430	13.5%					
GfK TEMAX® Hong Kong	10,856	10,906	10,566	11,018	11.3%	21,584	5.8%					

Source: GfK TEMAX® Hong Kong, GfK Retail and Technology

Source: GfK TEMAX® Hong Kong, GfK Retail and Technology

The survey

GfK TEMAX® is an index developed by GfK Retail and Technology to track the technical consumer goods markets. The findings are based on surveys carried out on a regular basis by the retail panel of GfK Retail and Technology. The retail panel comprises data from over 340,000 retail outlets worldwide. Since February 2009, GfK Retail and Technology has also been compiling the GfK TEMAX® index at international level, in more than 30 countries. It is the first index that includes all of the markets for technical consumer goods in different countries.

All reports and press releases are available at www.gfktemax.com.

If information from this press release or www.gfktemax.com is cited, GfK TEMAX® should be explicitly indicated as the source.

For further information, please contact:

Walter Leung, tel: + (852) 2359-3330, walter.leung@gfk.com

The GfK Group

The GfK Group offers the fundamental knowledge that industry, retailers, services companies and the media need to make market decisions. It delivers a comprehensive range of information and consultancy services in the three business sectors Custom Research, Retail and Technology and Media. The No. 4 market research organization worldwide operates in more than 100 countries and employs over 10,000 staff. In 2010, the GfK Group's sales amounted to EUR 1.29 billion. For further information, visit our website: www.gfk.com. Follow us on Twitter: www.twitter.com/gfk_group.

Responsible under press legislation

GfK Retail and Technology Hong Kong Ltd. Walter Leung
Suite Nos. 02-05, 17/F, Exchange Tower,
33 Wang Chiu Road, Kowloon Bay,
Hong Kong

Tel. +(852) 2359-3330

Fax+(852) 2332-5841

walter.leung@gfk.com

Key Telecommunications Statistics

Telecommunications Services	Quantity
Mobile network operators (August 2011)	5
Local fixed network operators (August 2011) ^(Note 1)	17
Operators for distribution of domestic free TV programme service (August 2011)	2
External fixed telecommunications services providers (August 2011) ^(Note 2)	307
- Facility-based external fixed network operators (August 2011) ^(Note 3)	42
- Services-based external telecommunications services providers (August 2011) ^(Note 4)	265
Household fixed line penetration rate ^(Note 5) (June 2011)	102.44%
Mobile subscriber penetration rate (June 2011)	199.6%
Mobile subscribers (June 2011)	14,190,639
2.5G and 3G mobile subscribers (June 2011)	7,559,199
Internet Services	Quantity
Internet service providers (August 2011) ^(Note 6)	187
Registered customer accounts with dial-up access (estimated) (June 2011)	767,956
Registered customer accounts with broadband access (estimated) (June 2011)	2,197,646
Household broadband penetration rate (June 2011)	84.9%
Public Wi-Fi access points (August 2011)	9,077

* In the above table, some operators are authorised to provide more than one type of services and therefore the above total number of service providers may be larger than the total number of licensees.

Note 1: Include all licensees authorised to provide facility-based local fixed telecommunications services under fixed telecommunications network services (FTNS) licence, fixed carrier licence (FCL) or unified carrier licence (UCL) using wireline or wireless technology.

Note 2: Include all licensees authorised to provide facility-based external telecommunications services ("ETS") under FTNS licence, FCL, UCL and service-based ETS under services-based operator ("SBO") licence.

Note 3: Include all licensees authorised to provide cable-based and non-cable based ETS under FTNS licence, FCL and UCL.

Note 4: Include all licensees authorised to provide service-based external fixed telecommunications services under SBO licence.

Note 5: Household fixed line refers to residential exchange line and IP telephony connection assigned with telephone numbers in accordance with the Hong Kong Numbering Plan. Household fixed line penetration rate is calculated by dividing the number of fixed lines by the number of households.

Note 6: Include all licensees authorised to provide Internet access services under FTNS licence, FCL, UCL and SBO licence.

Data Source: OFTA, HKSAR (16/09/2011)

Call for Paper

Next Submission Deadline

Mid December 2011

Tentative Circulation Date

End of December 2011

The New Services & Products Bulletin offers excellent opportunities for its members to exchange new information. Paper should not be more than 1000 words and no Commercial Advertisement is allowed. You are highly encouraged to submit more photos or graphics in jpeg format to attract viewing. Please submit your paper by email to info@cahk.hk. CAHK has the sole right to decide whether to publish the article.

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Tel: (852) 25042732

Fax: (852) 2504 2752

Email: info@cahk.hk

Website: www.cahk.hk

Manager: Kathlin Liao

Admin Assistant: Jenny Ho

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