



Press Release

CITIC Telecom CPC Attains VMware vCloud® Powered Validation *- SmartCLOUD leads the market with true disaster recovery safeguards -*

Hong Kong, December 15, 2011 — CITIC Telecom International CPC Limited (“CITIC Telecom CPC”), a wholly-owned subsidiary of CITIC Telecom International Holdings Limited (SEHK: 1883), today announced that its latest cloud computing solution series, SmartCLOUD, has achieved VMware vCloud® Powered status. CITIC Telecom CPC has been an early adopter of VMware cloud infrastructure technologies in Greater China and has become one of the first vCloud® Powered service providers in the region. This designation demonstrates that the company’s cloud services are underpinned by VMware’s leading virtualization and cloud computing architecture.

“Achieving this status is a clear recognition of our continuous efforts and determination to bring the best to our customers and stay ahead in the market,” said Daniel Kwong, Vice President, Information Technology and Security Services, CITIC Telecom CPC. “To achieve the status, we have devoted significant resources on the cloud technologies as well as ensuring our cloud support team members have attained VMware Certified Professional (VCP). With the state-of-the-art virtualization and cloud technologies complemented by our professionalism in cloud services provision, our customers can fully enjoy a new level of efficiency and flexibility in cloud computing through our SmartCLOUD solution series.”

Kwong noted: “In evaluating cloud management platforms, we found that the VMware vCloud® architecture is a highly scalable platform that enables a complete set of cloud solutions. With its great partitioning capability for multi-tenant setup, customers can enjoy the full benefits with the flexibility of developing hybrid cloud environments according to their business needs, with cost effectiveness. Customers can also benefit from the agility of cloud computing, with the security, performance and application portability they need.”

“The VMware vCloud® Powered program was developed to enable our service provider partners to differentiate themselves and help them bring their enterprise-class cloud services to market in this competitive landscape,” said Edward Yeung, General Manager, Greater China, VMware. “We look forward to supporting CITIC Telecom CPC further as it delivers on the agility and performance customers are looking for in the cloud computing landscape”.

Launched in July this year, SmartCLOUD brings together the perfect combination of CITIC Telecom CPC’s quality connectivity service, enterprise-grade datacenter facilities and comprehensive security expertise, collaborating with world-class advanced cloud infrastructure and technologies.

SmartCLOUD comprises a virtual server solution branded SmartCLOUD Compute which deploys a resource pool model with an online self-service console named SmartCLOUD Compute Director, enabling customers to enjoy high flexibility on their resources allocation. Another product in the SmartCLOUD series, SmartCLOUD M@il, is a set of e-



mail, calendaring and collaboration tools. It is seamlessly compatible with various platforms and hardware, allowing customers to collaborate anytime using any devices.

SmartCLOUD Service Enhancement – Backup, Replication and Recovery Capabilities

As the only cloud solution provider in Hong Kong with geographically-separated data centers, SmartCLOUD is the only cloud computing solution with true disaster recovery capability in Hong Kong. To further enhance the disaster recovery capability, CITIC Telecom CPC recently introduced new SmartCLOUD Compute BRR features with backup, replication and recovery to enrich its SmartCLOUD series.

SmartCLOUD customers can enjoy both on-site and off-site backup or replication, each of which uses an image-level snapshot approach and reverse incremental technology. Comparing with backup, the replication capabilities can even shorten the recovery time from hours to minutes, as well as recovery point from day to hour. Instant recovery is also possible by adopting the Global Server Load Balancing technology. These ensure customers to capture their data comprehensively without missing any information and retrieve the data in a timely manner.

SmartCLOUD Service - Future Snapshot

CITIC Telecom CPC always keeps abreast of the market needs and strives to provide the best of the breed services to their customers. To strengthen the SmartCLOUD series, CITIC Telecom CPC will continue to enhance its service features and offerings, as well as to provide different solutions addressing different industries' needs.

Extending virtualization to desktop computing

To help enterprises reduce the total cost of ownership (TCO) for desktop infrastructure, extends the life cycle of hardware, and respond more quickly to their business needs, CITIC Telecom CPC is leveraging on VMware View™ to extend the virtual infrastructure to the desktop environment. SmartCLOUD customers can thus provision new desktops in minutes while eliminating the need for retraining as well as gaining the freedom to access desktops anywhere, anytime, from any computing devices.

Enabling dynamic resource planning with enhanced monitoring services

In view of the customers needs for having full command and management of their resources so as to plan well ahead for their business expansion or changes, SmartCLOUD Compute Director will soon have its enhanced monitoring functions available. The new monitoring functions allow customers to retrieve historical records of resource consumption and to real-time monitor individual virtual machines and applications usage.

Addressing to vertical markets needs

CITIC Telecom CPC understands that different vertical industries have their unique business needs. Addressing to this, the company has identified different market segments and are partnering with various industry solution leaders to provide dedicated solutions to satisfy different markets needs.



“We are committed to ensuring that our customers can enjoy the best that cloud technologies can bring. Together with our 24x7 support from our cloud operations centre, I am sure our customers will be able to reap maximum business benefits from this new era of computing,” added Kwong.

About CITIC Telecom CPC

CITIC Telecom International CPC Limited (“CITIC Telecom CPC”), a wholly owned subsidiary of CITIC Telecom International Holdings Limited (SEHK: 1883), is a trusted ICT solutions partner with multiple branches across the Asia Pacific region, and a preferred partner by multinational corporations and business enterprises.

CITIC Telecom CPC delivers a range of innovative products and services, including: TrueCONNECT™ - an advanced MLPS VPN service which employs state-of-the-art fully meshed network, TrustCSI™ - an integrated suite of information security solutions, and SmartCLOUD – smarter, better and high performance cloud computing solutions which complement the company’s managed network and managed security solutions. The company will continue to provide a whole range of best-in-class communications products, security solutions and managed services, maintaining its commitment to be your trusted partner.

CITIC Telecom CPC strives to deliver the highest level of service and excellent products to customers. In recognition for its excellence in the provision of information and communications technology solutions in the Asia Pacific region, the company has become the first VPN service provider in Hong Kong to receive certificates of ISO 9001 – Quality Management System, ISO 27001 – Information Security Management System and ISO 20000 – Information Technology Service Management System. Learn more at www.citictel-cpc.com.

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Media Contact:

CITIC Telecom CPC

Rowena Leung Tel: (852) 2170 7536 Email: rowena.leung@citictel-cpc.com

Point Communications

Sally To Tel: (852) 2893 9800 Email: sally@pointhk.com

Phoebe Poon Tel: (852) 2893 1144 Email: phoebe@pointhk.com



新聞稿

中信國際電訊 CPC 榮獲 VMware vCloud® Powered 認證 - SmartCLOUD 具備真正災難復原功能，在市場上佔領導地位 -

香港，2011年12月15日 — 中信國際電訊集團有限公司(香港交易所股份代號：1883)全資擁有的中信國際電訊(信息技術)有限公司(「中信國際電訊 CPC」)，今天宣布其最新旗艦雲端產品系列 SmartCLOUD 榮獲 VMware vCloud® Powered 認證。中信國際電訊 CPC 不但是大中華區提供雲端基建方案的先驅，更成為該區最先獲得 vCloud® Powered 認證的服務供應商之一，亦彰顯著中信國際電訊 CPC 的雲端服務獲得不同的世界級雲端及虛擬化技術供應商領導市場的虛擬化與雲端結構的全力支持。

中信國際電訊 CPC 信息科技及安全服務部副總裁鄭偉基說：「獲此認證是對我們致力於領導市場、為客戶提供卓越服務的不懈努力和決心的認可。為了獲得該項認證，我們在雲端技術方面投放了大量資源，而我們的雲端技術支援團隊成員亦取得了 VMware 認證專業人員資格 (VCP)。我們的 SmartCLOUD 雲端運算系列產品均配備最先進的虛擬化及雲端技術，以及專業的服務和支援，讓我們的客戶盡享效能與靈活度均被提升至一個新層次的雲端服務。」

鄭偉基解釋：「我們在評估不同的雲端管理平台時，發現 vCloud 結構是一個具備高擴展性的平台，能全面配合不同的雲端方案。該平台具備可設置多用戶的分區功能，讓服務供應商能提供一個多元化平台，讓客戶在以高成本效益盡享 vCloud 的所有優勢之餘，更可根據其業務需求，彈性地發展其混合雲端運作環境。當客戶在享有雲端運算帶來的高靈活度時，亦同時可以享受到企業所需的高安全性、高質表現及應用程式高移動性。」

VMware 大中華區總經理楊君霈表示：「VMware vCloud® Powered 計劃的目的是為我們的服務供應商合作夥伴提供競爭優勢，幫助他們在這種競爭格局下，將自身的企業級雲端服務投放到市場中。我們很高興中信國際電訊 CPC 能成為大中華區首間取得該項認證的服務供應商。我們期望能繼續對中信國際電訊 CPC 給予更多支援，讓它為客戶提供具有靈活性及高效能的雲端服務。」

於今年七月面世的 SmartCLOUD 匯聚了中信國際電訊 CPC 的優質網絡、企業級的數據中心設施及全面的資訊安全技術，並與首屈一指的雲端架構及技術結合。SmartCLOUD 解決方案系列包括設有網上自主監控網站 SmartCLOUD Compute Director，讓客戶高度靈活地調配資源的虛擬伺服器方案 SmartCLOUD Compute；以及集電郵、行事曆及協作工具於一身，並能無縫兼容各式平台及硬件，讓客戶隨時使用任何設備進行協作的 SmartCLOUD M@il。



SmartCLOUD加強服務 – 提升備份、複製及復原功能

作為全港唯一一家在本港不同地區設有數據中心的雲端解決方案供應商，SmartCLOUD 是本港唯一具備真正災難復原功能的雲端解決方案。中信國際電訊 CPC 為了進一步加強 SmartCLOUD 的災難復原能力，推出了全新的 SmartCLOUD Compute BRR 功能，包括備份、複製及復原服務，能大幅縮短複製及復原時間。

SmartCLOUD 客戶能於同一個數據中心內，或於兩個不同的數據中心進行備份或複製，而以上兩個方法均採用了圖像式快拍方法及反向累加技術。與備份功能相比，複製功能令復原時間由傳統數小時計縮短至以分鐘計，而復原點則更可由一天縮短至一小時。透過全球伺服器負載平衡技術 (Global Server Load Balancing technology)，數據更可獲即時復原。這些新功能確保客戶能全面將數據備份而不會遺失任何資料，又可快速恢復數據。

SmartCLOUD服務預覽

中信國際電訊 CPC 一直緊貼市場脈搏，並致力為客戶提供最優質的服務。為了進一步使 SmartCLOUD 效能更能配合不同客戶及企業所需，中信國際電訊 CPC 將持續強化其雲端服務及產品功能，並提供多元化解決方案，以回應不同行業的需求。

將虛擬化擴展至桌面運算

為了協助企業降低桌面基礎架構的總擁有成本 (TCO)、延伸硬件的可用週期並更加迅速地回應業務需求，中信國際電訊CPC將憑藉 VMware View™ 的技術，將虛擬基礎架構延伸至桌面環境。SmartCLOUD 客戶將能在數分鐘內提供全新桌面環境，而無需重新進行培訓，亦能隨時隨地使用任何電腦裝置使用桌面應用程式。

強化監測服務助靈活調配資源

為回應客戶欲妥善控制及管理其資源，以為日後的業務拓展及轉變未雨綢繆，SmartCLOUD Compute Director 將引入更強大的監控功能，其中包括讓客戶檢索資源使用的紀錄，並能實時監測個別虛擬機器及應用程式之使用情況。

回應縱向市場之需求

中信國際電訊 CPC 明白不同行業有其獨特的業務需求，遂將不同的市場分類，並針對不同行業夥拍領先市場的解決方案供應商，結合兩方優勢提供最完備之行業解決方案。

鄭偉基稱：「我們一直致力確保我們的客戶能盡享雲端科技帶來的優勢，加上我們雲端運作中心24x7的全天候支援，我深信我們的客戶將可以在這運算新時代取得最大的業務效益。」



中信國際電訊(信息技術)有限公司簡介

中信國際電訊(信息技術)有限公司(「中信國際電訊 CPC」)是中信國際電訊集團有限公司的全資附屬公司(香港交易所股份代號：1883)，在亞太區設有多個辦事處，是跨國企業及商業伙伴最可信賴的資訊及通訊科技解決方案的合作伙伴。

中信國際電訊 CPC 提供一系列創新的產品及服務，包括透過專業及嚴謹管理全連接的優化分佈網絡，以 MPLS (多協議標籤交換)技術為基礎的 VPN 服務 – TrueCONNECT™；綜合信息安全服務套件 – TrustCSI™，以及創新智慧、靈活高效，能與公司的網絡管理及安全管理解決方案互相融合的雲端運算解決方案 -- SmartCLOUD。公司將繼續致力提供全面創新的通訊產品、安全方案及管理服務，為您的企業作最強的后盾。

中信國際電訊 CPC 旨在為客戶提供優質的服務和高水平產品。作為亞太區卓越的資訊及通訊科技解決方案供應商，公司為香港首個 VPN 服務供應商同時榮獲三項 ISO 認證：ISO 9001 質量管理標準認證、ISO 27001 信息安全管理系統認證和 ISO 20000 信息技術服務管理體系認證。請瀏覽 www.citictel-cpc.com 獲取更多資訊。

VMware 以及 VMware vCloud 均為 VMware 公司在美國和/或其他地區的商標和/或註冊商標。“合作夥伴”或“合作夥伴關係”詞語的使用並不意味著 VMware 和其他任何一家公司之間存在具有法律效力的夥伴關係。

傳媒聯絡：

中信國際電訊 CPC

梁軾寶 電話：(852) 2170 7536 電郵：rowena.leung@citictel-cpc.com

雋銳傳訊

杜少玲 電話：(852) 2893 9800 電郵：sally@pointhk.com

潘凱婷 電話：(852) 2893 1144 電郵：phoebe@pointhk.com