

**FOR IMMEDIATE RELEASE**

**Hitachi Awarded Order for Its Access Service Network Gateway for  
Mobile WiMAX and Integrated Operation Maintenance System from  
UQ Communications Inc.  
Hitachi to Provide Nation's First Commercial System**

Tokyo, March 3, 2008 – Hitachi, Ltd. (TSE: 6501 / NYSE: HIT) has received an order for its Access Service Network Gateway<sup>1</sup> for Mobile WiMAX<sup>2</sup> and Integrated Operation Maintenance System<sup>3</sup> from UQ Communications Inc., which will introduce commercial services in fiscal 2009.

Mobile WiMAX is one of the core technologies for the next generation of high-speed wireless communication service, and will permit the Internet to be accessed from a PC or other communication terminal even while one is traveling. Authorized in December 2007 to plan and set up 2.5GHz specific base stations, UQ Communications is planning the deployment of a wireless broadband network incorporating mobile WiMAX technology for rollout of the Japan's first commercial services in fiscal 2009.

Development of the Access Service Network Gateway for Mobile WiMAX and the Integrated Operation Maintenance System is based on a 3G mobile high-speed data communication system utilizing the CDMA2000 1xEV-DO<sup>4</sup> system Hitachi made a practical option in 2003. Specifically, for the first time in Japan, the gateway will be made commercially available for Mobile WiMAX as a carrier grade reliability system and for faster data communication. All of these products are being developed and manufactured by Hitachi Communication Technologies, Ltd., a wholly owned subsidiary of Hitachi that specializes in the development, production and servicing of network equipment.

<sup>1</sup> Access Service Network Gateway (ASN-GW) for Mobile WiMAX: A gateway that controls terminal handover, authentication and QoS for connecting Mobile WiMAX to an external network.

<sup>2</sup> WiMAX (Worldwide Interoperability for Microwave Access): WiMAX is a generic term for the technologies developed by the WiMAX Forum, an industry organization that is promoting the standardization of higher network layers and the standardization of certification of interoperability based on the standard broadband wireless technologies formulated by the IEEE802.16 Committee. In Japan, WiMAX is one of the technologies for broadband mobile wireless access system that uses the 2.5GHz band.

<sup>3</sup> Integrated Operation Maintenance System: A system that comprehensively monitors WiMAX component devices, including base stations and gateways for Mobile WiMAX, to enable maintenance services such as data registration and data update.

<sup>4</sup> CDMA2000 1xEV-DO (Evolution-Data Only): A 3G mobile technology optimized for data communication at higher transmission rates.

## **Product Features**

### 1. Access Service Network Gateway

#### (1) Scalability to meet all traffic needs

A single concept governs all systems, no matter how small or how large. The architecture, which separates the protocol processor from the traffic processor, dramatically increases the flexibility necessary for handling future traffic needs.

#### (2) Carrier grade redundancy switchover function

The gateway is equipped with a non-stop configuration that attains carrier-grade quality. With the mirroring of operating information and an instantaneous change of IP address, switchover to the redundant system occurs without affecting base stations and other connected terminals.

#### (3) Throughput at ultrahigh speeds

The advanced packet engine achieves ultrahigh-speed throughput performance.

### 2. Integrated Operation Maintenance System

#### (1) Sophisticated monitoring and control functions based on proven operation

To improve operational performance, this system has been designed based on the proven interoperability of a variety of communication devices, including the Hitachi CDMA2000 1xEV-DO System.

#### (2) Monitoring terminal employing web browser functionality

The monitoring terminal is equipped with web browser functionality that does not require any terminal monitoring software. Not only is the monitoring terminal able to concurrently maintain the gateway for Mobile WiMAX and base stations, but the use of a common interface also enables the integrated operation of several types of base station.

Product names of other companies

- WiMAX and WiMAX Forum are registered trademarks of the WiMAX Forum.

- CDMA2000 is a registered trademark of the Telecommunications Industry Association (TIA-USA).

- All other company names and product names appearing in this news release are the trademarks or registered trademarks of their respective owners.

## **About UQ Communications Inc.**

UQ Communications Inc. was established by a group of companies with KDDI Corporation as the core for the purpose of developing a wireless broadband business. In December 2007, the Ministry of Internal Affairs and Communications authorized the company to plan and set up 2.5GHz specific base stations.

**About Hitachi, Ltd.**

Hitachi, Ltd., (NYSE: HIT / TSE: 6501), headquartered in Tokyo, Japan, is a leading global electronics company with approximately 384,000 employees worldwide. Fiscal 2006 (ended March 31, 2007) consolidated revenues totaled 10,247 billion yen (\$86.8 billion). The company offers a wide range of systems, products and services in market sectors including information systems, electronic devices, power and industrial systems, consumer products, materials and financial services. For more information on Hitachi, please visit the company's website at <http://www.hitachi.com>.

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