News Release

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HITACHI COMPLETES SUBSEQUENT DELIVERY OF HIGH EFFICIENT MODULAR COOLING SOLUTION AT TELEHOUSE IN LONDON

- Significant energy savings prompt TELEHOUSE to install further NC Cooling system in its London flagship data centre -

LONDON, UK, September 13th, 2011 – Hitachi Europe Ltd. today announced that an additional installation based on its Refrigerant Natural Circulation (NC) Cooling system as part of its Modular High Density Cooling Solution for TELEHOUSE LONDON Docklands West, in London, UK, has been completed.

In August of 2011, TELEHOUSE released an additional floor with approximately 1000m² of colocation space at Telehouse West, its state-of-the-art flagship data centre facility in London's East India Dock. Hitachi delivered the solution comprising of Hitachi's NC Racks (In-Row type) as additional top-up cooling above TELEHOUSE's existing base cooling load, thereby providing a total solution capable of delivering 10kW of cooling load per IT cabinet. The solution considerably decreases power consumption in comparison to traditional water-based cooling systems which often require supplemental pumping units.

The Hitachi Natural Circulation technology requires no additional pumping power hence reducing power consumption by as much as 50% when compared with similar solutions. Power consumption for the delivered NC solution (6 NC Racks) is approximately 4.68kW while cooling a capacity of 138kW. Each of the 6 NC Racks delivers 23kW of cooling capacity while consuming 780W. These significant power efficiencies continue across varying IT loads while maintaining ideal environmental conditions. The net result of this high-density offering is the significant reduction in TELEHOUSE's carbon footprint and energy bill. The former facility provided a cooling capacity of between 3-6kW per rack,

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whereas with the new Hitachi solution has enhanced TELEHOUSE'S offering to 10kW per IT rack, within its dedicated high-density Area.

Bob Harris, Technical Director at TELEHOUSE said: "Almost one year ago, Hitachi completed the first installation of its highly efficient Natural Cooling solution in our data centre facility in TELEHOUSE West in London's Docklands. Since then, we have been carefully monitoring, measuring and analysing the solution's performance to ensure it is in line with our high requirements for power efficiency and resilience. Our decision to ask Hitachi for a second installation in the same facility is testament to the excellent results achieved. The power efficiency is highly beneficial for us and delivers value for money to our customers."

Ian Blond, Head of Data Centre Solutions Group, Hitachi Europe said; "We are excited to deliver yet another solution that proves our engineering track record in delivering energy and cost efficient solutions. Working closely with TELEHOUSE, we are pleased that our solution enables them to provide scalable, reliable technology with a small footprint to their customers.

TELEHOUSE has optimised efficient electricity utilisation across its Data Centres, proven by its recent certification to the Carbon Trust Standard. As part of TELEHOUSE's ongoing commitment in reducing its environmental impact, the company implemented a much appraised waste heat export strategy within TELEHOUSE LONDON Docklands West, which sees TELEHOUSE help UK businesses achieve their green commitments. The deployment of Hitachi's Modular High Density Cooling Solutions within TELEHOUSE's data centres constitutes the natural next step to this commitment.

The installation at TELEHOUSE resides within an IT cage (7.8m×3.6m=28m^2) and includes the following:

- 10 IT Racks
- 6 NC Racks (23kW Cooling Capacity per unit)
- 2 Shell & Tube Heat Exchangers (2 x 69kW capacity)
- Piping and two-port regulating valves on the chilled water side for managing refrigerant temperatures

Features of Solution:

- No pumps or compressors within the refrigerant circuit thereby reducing power consumption levels

- Automatic and manual settings for variable speed fans and regulating refrigerant valve for managing different IT capacities/heat loads
- The NC Racks are piped and cooled via an external chiller system providing chilled water to requisite heat exchangers.

This new installation complements the high-density Natural Circulation based solution that was delivered in October 2010 at the TELEHOUSE Docklands West facility

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Notes to editors:

Hitachi's "Refrigerant Natural Circulation Cooling System" does not use a pump or a compressor, thereby realising significant energy savings. The process relies on the physical qualities of the refrigerant in either its gas or liquid state and can be described as follows:

1. Heated air from the devices in data centre rack cabinets raises the temperature of the refrigerant in the cooling system. This turns the refrigerant into gas. This process of vaporisation cools the system.

2. The refrigerant (now as gas) rises naturally within the cooling system.

3. The refrigerant in its gas state is cooled by an existing chilled water circuit and turns liquid as a result of the use of a heat exchanger.

4. The now liquid refrigerant is heavier than in its gas state and is pulled down by gravity. Within the refrigeration system, it therefore descends and re-starts the refrigeration cycle.

ABOUT HITACHI

Hitachi, Ltd., (NYSE: HIT / TSE: 6501), headquartered in Tokyo, Japan, is a leading global electronics company with approximately 360,000 employees worldwide. Fiscal 2010 (ended March 31, 2011) consolidated revenues totaled 9,315 billion yen ($112.2 billion). Hitachi will focus more than ever on the Social Innovation Business, which includes information and telecommunication systems, power systems, environmental, industrial and transportation systems, and social and urban systems, as well as the sophisticated materials and key devices that support them. For more information on Hitachi, please visit the company's website at http://www.hitachi.com.

ABOUT TELEHOUSE

TELEHOUSE offers data centre facilities and connectivity, providing a secure and resilient platform for mission critical IT systems. Established in 1988,TELEHOUSE became Europe`s first purpose-built neutral colocation provider. Today, the company is at the heart

of the Internet and telecommunications infrastructure, serving over 1,000 major customers worldwide, from small start-ups to multinationals across a wide range of industries. It is a subsidiary of Japanese corporation KDDI, a Global 300 company and is abler to offer a global network covering Europe, America and Asia/Pacific.

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