

Huawei Makes DSL Breakthrough with World's First 700Mbps Prototype

SuperMIMO technology enables operators to build high-bandwidth, cost-effective, and future-proof broadband access networks

Hong Kong, China, 22 September, 2010: Huawei, a leader in providing next-generation telecommunications network solutions for operators around the world, announced that it has showcased a 700 Mb/s DSL (Digital Subscriber Line) prototype in Hong Kong – the first of its kind in the world – that enables operators worldwide to build high-bandwidth, cost-effective, and future-proof broadband access networks with SuperMIMO (multiple-input multiple-output) technology. This prototype far exceeds the industry's current DSL broadband wireline communications technology, which reaches a data rate of 100 Mb/s, and is better suited to meet the needs of operators supporting ultra broadband services.

You Yiyong, president of Huawei's Access Network Product Line, said, "DSL technologies for broadband access are showing great market potential. As a leader in the development of DSL technologies, our newest DSL prototype demonstrates our commitment to providing customer-centric and groundbreaking solutions and services for operators to enhance their competitiveness and profitability."

SuperMIMO technology uses four twisted pairs to achieve a downstream rate of 700 Mb/s at a distance of 400 metres. This innovative technology methodically addresses crosstalk

among multiple twisted pairs and dramatically increases DSL bandwidth by 75 percent, from an average of 100 Mb/s per twisted pair to approximately 175 Mb/s. Leveraging SuperMIMO, Huawei's 700 Mb/s DSL prototype accommodates high-speed FTTB/FTTC access and bandwidth-hungry private line applications, such as base station access.

Huawei's FTTx products and solutions are currently servicing many of the world's major carriers, including China Mobile, China Unicom, China Telecom, Vodafone, France Telecom, and Telecom Italia, offering users new high-speed Internet and fixed-mobile convergence services and enriching people's lives through communication.

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About Huawei

Huawei is a global leader in providing next generation telecommunications networks, and now serves 45 of the world's top 50 operators, along with over one billion users worldwide. In 2008, Huawei was ranked as the world's number 1 patent applicant by the World Intellectual Property Organization (WIPO), with 1,737 applications published in a single year. The company is committed to providing innovative and customised products, services and solutions. Visit www.huawei.com.au for more information.

Media Contacts:

Luke Coleman, Media Relations Manager

Tel: +61 414 728 720