INTERNATIONAL TELECOMMUNICATION UNION
ITU – 5TH ANNUAL GLOBAL SYMPOSIUM FOR REGULATORS
(GSR)
TECHNOLOGY DEMONSTRATIONS

SUMMARY OF DEMONSTRATIONS, BY EXHIBITORS

CISCO SYSTEMS
IP COMMUNICATIONS

Cisco Systems demonstrates at the ITU GSR their IP Communications solution based on the Cisco Call Manager product. Voice over IP has matured dramatically over the past years and is now at or above parity with respect to quality, availability and features when compared to traditional PBX systems. However, merely focusing on the transport aspects of the solution one can easily overlook the true value of IP Communications: Enabling people to communicate more efficiently (and therefore effectively), breaking down barriers to communication (e.g. through Text-to-Speech access to E-Mail while traveling) and ultimately to make people more productive."

Contacts for: regulatory matters: Art REILLY, at areilly@cisco.com.

commercial matters: Pilar FERNANDEZ-HERMIDA, at pfernand@cisco.com.

technical matters: Dirk SCHROETTER, at dschroet@cisco.com

www.cisco.com/global/DE/home.shtml www.cisco.com

CLEARWIRE – NEXTNET WIRELESS, INC.
NLOS BROADBAND WIRELESS ACCESS

NextNet Wireless is the industry's most widely deployed provider of non-line-of-sight (NLOS) plug & play broadband wireless access systems. Founded in 1998, NextNet moved into a leadership position in broadband wireless in January 2000, after introducing the industry's first NLOS plug & play platform for delivery of high-speed fixed wireless Internet services.

Today, NextNet's Expedience NLOS system is deployed over licensed frequencies in cities throughout Asia, Africa, North America, Latin America, and most recently in Europe.

NextNet is demonstrating at this year's GSR Symposium a live example of the Expedience system with plug & play indoor subscriber modems.

Clearwire, the parent company of NextNet Wireless, is a growing wireless operator founded by telecom visionary Craig McCaw. Clearwire holds licensed spectrum throughout the United States, has deployment partnerships in Canada and Mexico, and most recently is engaged in system deployment in Europe. Clearwire represents a new breed of competitive carriers that are meeting the growing needs of residential and business broadband subscribers and is providing testimony at the GSR Symposium to the value and benefits that NLOS wireless broadband access brings to communities and consumers worldwide.

Contacts: Clearwire: Mr. Tyler DAVIDSON, E-mail: tyler.Davidson@clearwire.com

NextNet: Mr. Charles RIGGLE, E-mail: rigglec@nextnetwireless.com

www.clearwire.com www.nextnetwireless.com

ERICSSON, INC.

LOW-COST BROADBAND BASED ON CELLULAR TECHNOLOGIES

In rural and remote areas, it is often difficult and prohibitively expensive to install a wireline infrastructure. For operators having an existing 2-2.5G mobile network it is only a marginal investment to enhance the data capabilities by adding 3G. This way, operators can offer both voice and low-cost mobile broadband, with speeds comparable DSL and cable. For example, for operators having a GSM/GPRS network, the upgrade to 3G with EDGE is both fast and cost-efficient. No new spectrum is required to add these data capabilities.

A low cost coverage network can be built applying the Ericsson Expander concept. With a focus on low total cost of ownership (by providing scalable coverage and capacity), Ericsson Expander allows operators to provide services to new users in yet unserved areas.

At the GSR, Ericsson demonstrated streaming audio at data speeds of 200 kbps using a live EDGE network and commercially available end-user equipment.

Contact: www.ericsson.com

INTEL CORP.

INTEL TO DELIVER SOLUTIONS FOR WiMAX TECHNOLOGIES

WiMAX is a wireless complement to Cable & DSL WiMAX is based upon global standards and volume economics Your country's spectrum policy will pave the way for successful commercial deployments.

WiMAX Forum members already have 1000's of deployments in over 130 countries -- bridging the digital divide today with pre-standard solutions. Standards-based solutions will be more cost effective and greatly reduce investment risk.

At the GSR, Intel is showing its commitment in delivering WiMAX technology solutions.

Contact: Mr. Peter PITSCH, E-mail: peter.pitsch@intel.com, margaret.labrecque@intelcom
www.intel.com www.wimaxforum.org

INTRADO

SPAM FILTER – EMERGENCY NOTIFICATION

Intrado chosen to demonstrate two products that we feel would be of interest to the worldwide community of regulators and key information and communications technologies stakeholders:

1. An SMS Spam Filtering Platform, which enables mobile operators to define specifc rules that can be applied to block SMS Spam at the network level.

2. A web-based emergency telephone notification tool, which enables public safety agencies to quickly deliver explicit instructions to individuals in targeted geographic areas.

Intrado is a US based Corporation with offices in Zug, Switzerland.

Contact: Mrs. Mary Boyd, Vice President Government Relations
E-mail: mboyd@Intrado.com www.Intrado.com

MIDAS COMMUNICATION TECHNOLOGIES PVT., INDIA
MASSACHUSSETTS INSTITUTE OF TECHNOLOGY (MIT)
TECHNOLOGIES FOR RURAL AREAS

corDECT 2.5G, a Wireless-in the-Local-Loop Access Solution from Midas Communications is a leading low-cost technology in providing simultaneous telephony and dedicated Internet connectivity of up to 256 Kbps. This technology has been widely used by n-Logue Communications to deliver various applications and services in remote villages in India using a very sustainable and innovative business. Some of the services include - distance education, online tutorials, agricultural support services, tele-medicine, veterinary care, e governance services etc. These kiosks serve as micro-enterprises in the villages to enable them to bridge the distance between the urban areas and rural. Currently, such kiosks are available in about 2000 villages scattered across India.

Contacts: MIDAS: www.tenet.res.in/wll/midas.html
MIT: www.mit.edu/

NORTEL NETWORKS CORP.
450 ROAD: EMERGING TECHNOLOGIES

Nortel Networks is committed to providing advanced solutions to enable people worldwide to access and use information. One solution in the Nortel wireless portfolio is CDMA 2000 1xEV-DO (1x Evolution, Data Optimized) technology in the 450 MHz frequency band. The excellent radio propagation characteristics in the 450 MHz frequency band, combined with the spectral efficiency of CDMA 1xEV-DO enable this technology to provide cost effective, wide area high speed data service and make CDMA 450 one of the promising emerging technologies on the road to enabling universal access to information.

Wireless broadband applications, such as video streaming at 700 kilobits per second, high speed file transfers, and web browsing were demonstrated using live air coverage from a CDMA 450 MHz MetroCell base station, a Nortel Radio Network Controller, and a Nortel PDSN Packet Gateway. The system, consisting of all commercially available components, provided live high speed data service with data rates to the end user of up to 2400 kilobits per second (2.4 Mbps) using a small, commercially available desktop modem.

Nortel Demonstrators: Mr. Wayne SIEMENS, Mr. Don SILVA, Mr. Bastian SCHOELL.

Contact: www.nortelnetworks.com

QUALCOMM, INC.

3G CDMA AROUND THE WORLD (CREATING DIGITAL MULTIMEDIA ACCESS)

Wireless technologies, specifically those developed for Third Generation "3G" personal communications are providing new avenues to address issues of public importance such as data and voice connectivity, healthcare, public safety and education. QUALCOMM Incorporated has developed a variety of 3G CDMA wireless technologies and applications which are addressing the needs of the global community and are helping to improve the quality of life for citizens around the world.

At the Global Symposium for Regulators, QUALCOMM demonstrated how Third Generation CDMA technologies, both CDMA2000 and WCDMA, can be used to deliver cost effective voice and broadband connectivity.

Contact: Mrs. Samantha CRAIG, International Government Affairs
Tel.: +01 858 658 1742 Mobile: +01 858 663 7947

E-mail: scraig@qualcomm.com www.qualcomm.com

TE DATA, EGYPT

TE DATA ADSL SERVICE IN EGYPT & JORDAN

On the occasion of the ITU 5th Global Symposium for Regulators (GSR) focusing on the promotion of low cost broadband and Internet connectivity, TE Data, who is an active sector member of the ITU-D, is demonstrating its experience in offering broadband services in Egypt and Jordan.

TE Data is an Egyptian company established late 2001 by Egypt incumbent operator Telecom Egypt (TE) to act as its regional Data Communication and Internet arm. TE Data is embarking to be the region's largest Data Communication carrier with a "Class A" Data Communication license from the Egyptian National Telecommunication Regulatory Authority (NTRA) and a Data Communication operator license from the Jordanian Telecommunication Regulation Commission (TRC).

In continuation of Egypt's Ministry of Communication and Information Technology (MCIT) efforts to facilitate Egypt's transition into the global information society and complementing its previous unique Subscription-Free Internet model, H.E. President Hosni Mubarak declared an Egyptian Broadband initiative last May, which involved the promotion of high-speed Internet access. This three-year initiative is unique in the Middle East and Africa, and is expected, through public-private partnership, to increase broadband penetration in Egypt to reach 50,000 subscribers in its first year.

In Egypt, TE Data is playing a major role in the Egyptian broadband initiative through providing cost effective, easy to install ADSL service accompanied by a strong marketing campaign aiming to raise the public awareness on ADSL and broadband services at large. Since the start of the initiative last May, TEData number of ADSL subscribers increased by almost 300% and is expected to maintain its growth for the coming year.

Contact: E-mail: bizdev@tedata.net www.tedata.net

TEXAS INSTRUMENTS INC.

CREATING UNIVERSAL BROADBAND

Texas Instruments Incorporated is a leading semiconductor manufacturer specializing in the manufacture of analog and digital signal processing (DSP) based solutions. Key products are chipsets for mobile phones; broadband equipment, including DSL and cable modems, VoIP and 802.11 Wireless LANs; digital still cameras, digital video cameras, and Internet media adapters (mp3 and video players).

At the GSR conference, TI demonstrated a Wireless LAN (WLAN) IP phone reference design. The integrated solution incorporates TI's Voice over IP (VoIP) and WLAN software and silicon, enabling developers to capitalize on company's broadband and wireless expertise to quickly bring to market WLAN IP phones for enterprise and residential applications.

This technology will enable portable IP phones for use on WLAN networks, allowing users to roam throughout an enterprise campus or home. It will also enable users to receive emails and other data services on their WLAN IP phone, future extending the cost benefits and convenience associated with VoIP services. This design is being used by major manufacturers around the world as a basis for their future products.

Contact: Mr. Hain Ringel, Texas Instruments Israel Ltd., E-mail: hain.ringel@ti.com
Texas Instruments VoIP solutions: www.ti.com/voip
Texas Instruments Broadband Solutions: www.ti.com/broadband
www.ti.com

VIVATO

VIVATO EXTENDED WIFI COVERAGE

Vivato delivers a complete family of innovative Wi-Fi infrastructure products. The Vivato product family provides the ability to economically cover large areas, both indoor and outdoor, by utilizing its extended range Wi-Fi Phased-Array Base Stations in combination with Micro and Pico-cells. A single 802.11b Base Station has a range of 4.2 km (2.6 miles) at 11 Mbps in presence of line of sight.

By applying cellular network design and elements to Wi-Fi, Vivato is able to provide the most cost effective solution for the delivery of broadband access services to metropolitan areas (from large cities to rural communities), logistic premises (seaports, airports, warehouses), educational and tourist sites (universities, campus, resorts, arenas).

Vivato's Wi-Fi architecture is future-proof showing an embedded natural evolution to next generation Wi-Max deployments, thanks to the communality of network topology and the presence of integrated wireless back-haul capabilities.

Contacts: For information please send an e-mail to:

contactus@vivato.net for North America
APAC@vivato.net for Asia Pacific
EMEA@vivato.net for Europe, Middle East and Africa
LA@vivato.net for Latin America

www.vivato.net