

Briefs...Emerging Technologies Flash Newsletter, October 27, 2006

Nortel says it has conducted what it believes to be the first test transmission using “uplink collaborative” MIMO technology. The demonstration at Nortel’s labs in Ottawa, Canada, was designed to show that carriers can double the number of mobile broadband subscribers in a cell site. Collaborative MIMO is part of the WiMAX standard, Nortel says, and also is being proposed for the 3GPP W-CDMA LTE and 3GPP2 CDMA EV-DO Rev. C standards.

Digital Angel Corporation says it has been granted a patent for its syringe-implantable glucose-sensing RFID chip. The chip measures glucose levels of diabetic patients, transmitting the data to a reader automatically.

Atheros Communications has signed an agreement to purchase **Attansic Technology**, a privately held fabless semiconductor company in Taiwan. Attansic specializes in ICs for the PC, access point and router markets.

Nuance Communications has launched its Mobile Speech Platform, which the company says can be used by mobile application developers to enhance applications using speech recognition and text-to-speech. Nuance says the platform can allow consumers to use their voices to find content like ringtones, locate a coffee shop, search the Web or dictate an e-mail.

Tektronix has announced the availability of its K1297-G35 protocol monitoring equipment for the 802.16e mobile WiMAX standard. The equipment can be used to test mobile WiMAX radio access products, decreasing time to market, Tektronix says.

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