

leading edge

A new age of smart mobile Internet begins

The new era of smartphones and mobile tablets is beginning to unfold. Industry analysts expect 330 million new smartphones to be sold in 2011, as well as 42 million tablets (twice the number sold in 2010). Since smartphone users consume 10 times more bandwidth than others, mobile carriers face clear challenges in the years ahead.

New 3G and 4G networks are coming on stream to address bandwidth and capacity needs. But in the long run, delivering the mobile Internet will require more bandwidth and more intelligence. To learn more about our next-generation platform that's purpose-built for the needs of the mobile Internet, and new professional services that deliver actionable intelligence to enable better decisions and maximize profit, see Tellabs at Mobile World Congress in Barcelona, Spain, Feb. 14-17, at stand 2A47 in Hall 2.

Customers around the world have chosen Tellabs Mobile Solutions for more than 160 networks. In Asia-Pacific, we're helping customers succeed in the world's fastest-growing mobile markets, with millions of new subscribers added each month. Keeping up with growth while reining in costs is how we help customers succeed.

VMS Mobifone's new mobile backhaul network handles 3G and more. Vietnam's largest carrier is rolling out a new mobile backhaul network for 3G, enabling it to continue rapid expansion (page 8). Soon, VMS's 2G traffic will roll on to the same backhaul network. The result: 30% savings on mobile backhaul. And there's a bonus: because it's packet-based, VMS's backhaul network is ready for 4G as well.

What's ahead in mobile communications? Our panel of industry analysts foresees more speed, more value for users and more service innovations in 2011 (page 6). Not only will services be faster, so will the rate of change. One analyst foresees more than 1.2 billion new users of mobile Internet services by the year 2014.

The trend toward greener networks and operations continues. Many service providers are taking steps to make their networks, facilities and vehicles more energy-efficient. A leader in the green movement is Comcast, which is pushing fiber deeper into its U.S. network as the company embraces "green wherever it makes good business sense" (page 14).



Leapfrogging a generation of technology offers a tremendous upside. Tellabs is working with universities and with France Telecom on SARDANA, a new optical access technology that reduces capital costs by converging metro and access networks (page 12). SARDANA offers 32 times more bandwidth per fiber with 3 times the reach of today's passive optical networks. Our new technology will enable service providers to operate with fewer central offices and meet the needs of mobile backhaul networks too.

As 2011 and the Year of the Rabbit begin, we at Tellabs wish you a Happy New Year.

A blue handwritten signature of Sanjay Patel is shown on a white background.

Sanjay Patel
Vice President – Asia Pacific