

leading edge

Innovating the Global Mobile Internet

The world loves two telecom technologies: mobile phones and the Internet. We just can't live without our iPhones, Androids and BlackBerries. Not to speak of our laptops, PCs and TVs.

As a result, the telecom industry sees a mix of tremendous growth, technology innovation and towering challenges ahead. We find these challenges not only in mobile networks, but also in optical, business and residential networks.

In discussions with customers around the world, we hear similar concerns:

- How do you keep up with annual mobile data traffic growth of 30% to 50% or more?
- How do you limit capital needs and keep operating costs in line?
- How do you deliver a quality of user experience that is unmatched?

Mobile Internet Revolutionizes Networks

In the mobile Internet, one path that service providers may choose is a common mobile packet core network for 2G, 3G and 4G mobile networks, says industry analyst Gabriel Brown of Heavy Reading (page 16). Mobile packet core is the key to gaining a commercial competitive advantage in the mobile Internet, says Brown.

But there's real risk in addressing tomorrow's mobile Internet needs with the built-in constraints of the fixed Internet. A more thoughtful approach may be required (pages 6-7), says Tellabs CTO Dr. Vikram Saxena.

In Russia, network challenges are compounded by the need to cover a huge geographic area with mobile service. Tellabs and local partners are helping customers transform networks with innovative mobile backhaul solutions (pages 12-13).

How can service providers vault from the middle of the pack into a leadership position? In Malaysia, DWDM makes the difference for TIME dotCom (cover story, pages 8-11).



*"Tellabs is increasing our R&D spending and we're hiring."
— Dan Kelly, Executive Vice President, Global Products*

And as broadband stimulus funds roll out in rural America, Woodstock is future-proofing its network with gigabit passive optical network technology (GPON), pages 14-15.

Increasing R&D, Hiring Engineers

More challenges mean more need for technology innovations. To help our customers address such challenges, Tellabs is increasing our research and development spending. We're hiring engineers around the world, with an emphasis on IP/Ethernet skills. To see our current openings in Silicon Valley, Naperville, Finland and China, check out www.tellabs.com/careers.

Sincerely,

A handwritten signature in blue ink that reads "Daniel P. Kelly". The signature is fluid and cursive.

Dan Kelly
Executive Vice President, Global Products