IEEE

IEEE COMMUNICATIONS SOCIETY

Buenaventura Section

Date and Time: Tuesday, February 9, 2009

Location : ITT – Force Protection Systems, 3500 Willow Lane, Thousand Oaks, CA

Directions: take the Hampshire Rd. exit off Hwy 101, facility is east on the south side of 101
http://maps.yahoo.com/maps_result?addr=3500+Willow+Lane&csz=Thousand+Oaks%2C+CA&country=us&new=1&name=&qty=

Agenda: 6:30 p.m. Reception, Pizza, & Networking
7:00 p.m. Meeting & Presentation

RSVP Requested only if you plan to attend: Doug Askegard, dougaskegard@ieee.org

NOTE: The presentation takes place in a company that is involved in Government work. Therefore, please note that you will be asked for Government issued picture ID (Drivers License or better). Non-US Citizens will need to bring Right-To-Work documentation.

10 Things About 10 Gigabit Ethernet

Speaker: David Newman

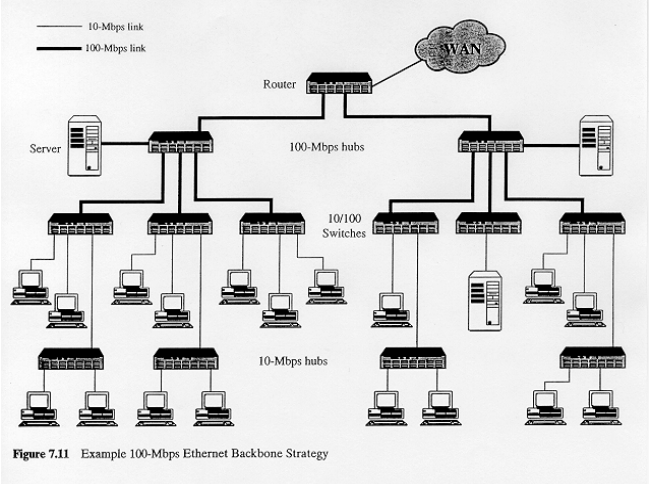

Figure 7.11 Example 100-Mbps Ethernet Backbone Strategy

When product tester David Newman recently compared 10-gigabit data center switches from six leading vendors, he found that "switching" and "data center switching" are two very different things.

In this talk, Newman will highlight some of these differences, including new IEEE mechanisms to converge storage and data networks; new features to support not only virtual servers but also virtual network devices; and new redundancy protocols to boost uptime. Of course, high performance remains a key requirement. Test results reveal some surprises when it comes to moving both unicast and multicast traffic.

Bio: Network Test founder David Newman has more than 20 years' experience with network design and performance benchmarking. He is a frequent speaker at industry conferences and an active participant in the IETF (Internet Engineering Task Force). Newman has conducted numerous tests of network infrastructure and security devices for equipment makers, large enterprises and trade publications such as Network World and Light Reading. Newman is the author of RFCs 2647 and 3511, the IETF specifications for firewall performance testing, as well as RFC 4814 on the contents of test traffic. Prior to founding Network Test, Newman served for nearly 10 years as director of lab testing for Data Communications magazine. Newman is a graduate of The Johns Hopkins University and New York University.