

To: IRLAN, Motorola, TEMIC, Optotech, ELPAZ, LTEL, HP, Spectrix, Siemens, Sharp, Showa, ITT-Canon, IrDA

Date: Nov 13, 1997

Subject: Interest in IEEE 802.11 20Mbps IR Standard

Dear Infrared company,

IEEE 802.11 is considering upgrading its infrared (IR) physical layer (PHY) specification to a 20Mbps data rate. Your company has been identified as being interested in IR and its development as a general wireless LAN technology.

The IR technologies that are outside of the short line-of-sight have been progressing slowly. The slow growth may be a direct result of the lack of a standard. Many of the major companies have been holding back on general wireless LAN purchases until fast, reliable, standards-based products are on the market. The current 802.11 IR LAN is a 1 or 2Mbps diffuse IR implementation, but we are aware that other possibilities exist for a 20Mbps general wireless LAN implementation. We are very interested in approaches that are being investigated and have the potential to be considered for the 20Mbps specification.

Please consider this as an invitation to the next IEEE 802.11 meeting where there will be an ad hoc meeting of the IR participants to determine if there is enough interest and enough technical merit to submit a Proposed Architecture Review to start the 20Mbps effort. Please respond by coming to the next IEEE 802 Plenary which will be held in Irvine, Cal, March 9th through the 13th, 1998. The Web address of the meeting announcement is at: <http://stdsbbs.ieee.org/groups/802/meeting/montp8.html> and the Web address of the meeting announcement will be available in January at: <http://stdsbbs.ieee.org/groups/802/meeting/index.html>.

Looking forward to your reaction,

Yours Sincerely,

Vic Hayes Chairman of IEEE P802.11