



AT&T Labs

January 15, 2001

Mr. Stuart Kerby
Chair IEEE 802.11
c/o Philips Semiconductor
M/S 42, P.O. Box 3409
Sunnyvale, CA 94088-3409

Subject: Intellectual Property Rights Relating to IEEE P802.11 Enhanced MAC Task Group

Mr. Kerry:

This letter is being provided to confirm that, in accordance with IEEE policy, AT&T Labs agrees to allow implementers of 802.11-based wireless LAN systems to use intellectual property expressed in its contribution relating to an advanced protocol for QOS management, known as Tiered-Contention Multiple Access (TCMA). Elements of this intellectual property were disclosed to 802.11 beginning in November, 2000 as document number IEEE 802.11-00/375. AT&T has filed for United States patents covering this material, and intends to file foreign patents. In the event the 802.11 QOS-Enhanced MAC is adopted and the standard cannot be practiced without the use of the cited intellectual property, AT&T agrees upon written request to grant a nonexclusive license to all applicants on a non-discriminatory basis with reasonable terms and conditions. Any party interested in the license described above may write to T. Frost, Room 2E37, Building 104, 180 Park Ave, P.O. Box 971, Florham Park, NJ 07932-0000.

This letter does not grant any right to the IEEE with respect to AT&T copyrights or other intellectual property rights that cover contributions to the proposed standard other than those provided above.

A handwritten signature in black ink, appearing to read "R. Calderbank".

R. Calderbank
Director
Information Sciences Research
AT&T Labs



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