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To: Mr. Tim Johnson, American TCB
From: David Waitt
Subject: IEEE802.11 B/G access point A/B/G up-grade process
Date: 25 Mar 2004

This letter outlines the procedure that will be followed to allow upgrade of the IEEE802.11 B/G access point to an IEEE802.11 A/B/G access point. If there are any questions or if additional information is required, please contact me at david@waitt.us

On behalf of Alcatel,

A handwritten signature in black ink, appearing to read "David Waitt".

David Waitt

Upgrading from 802.11 B/G to 802.11 A/B/G

This grant is for an 802.11 B/G radio. It is possible to upgrade the radio to a dual band 802.11 A /B /G radio by installing an additional 802.11 card in the open slot within the radio.

Alcatel understands the FCC concerns regarding "User Upgrades". In order to assure that the Alcatel radios remain compliant after an upgrade from 802.11 B/G to 802.11 A/B/G and has been performed correctly, Alcatel will handle upgrades in the following manner. Alcatel has negotiated contracts with different contractors qualified to install and perform the upgrade. Alcatel has instructed the contractors on how to properly perform the upgrade. Once the process is complete, the contractor is then placed on an "Alcatel Approved List" of upgrade contractors.

The end user (typically an IT department) of the Alcatel access point will then be instructed that in order for the Alcatel 802.11 network to remain FCC compliant, any "multi-band" upgrade effort must be performed by one of the Alcatel qualified contractors in their area.

The upgrade process consists of two basic steps:

1: Installing the module: To preclude the opening of the access door by someone other than the trained professional responsible for upgrading/maintaining the system, Alcatel has elected to secure the access door with "Security hardware" that can only be removed using very specialized tools not available at local hardware stores. It should be noted that removal of the access door only allows access to the various connectors to allow installation of an 802.11A card. It does NOT allow access to the antennas inside the device.

The contractor opens the radio via the access door and simply installs an 802.11 module in the "A" slot of the radio. Connect the internal coax cables to the module and re-install the access door.

2: Re-labeling the device: The installer will then re-label the device over the previous FCC ID label to indicate the correct FCC ID for the newly upgraded device.