Radio Frequency Exposure from Wi-Fi™

Meru Networks on Health Concerns associated with Radio Frequency Exposure from Wi-Fi™

Introduction

There have been concerns expressed about radio signals from Wi-Fi™ devices commonly found in laptops and access points and their potential effect on human health.

We want you to understand our position but beyond that we would like you to use current resources and information to help make your own informed choices about Wi-Fi™ technologies and products they intend to use.

Summary

Based on available independent scientific research on effects of Wi-Fi™ related radio frequency on human health, Meru believes that there is no health risk associated with use of our wireless networking products.

Meru is committed to providing products which are safe for our customers to own and use as well as products that are environmentally conscious. All of Meru's products are tested to ensure that they meet international RF safety standards and regulations. RF safety standards are regularly reviewed against the latest scientific studies to ensure they continue to protect the public's health.

Positions

World Health Organization Statement

The World Health Organization has found no data to indicate that there is any health risk associated with wireless networking products and has issued a recent statement on this subject titled "Electromagnetic Fields and Public Health".

This statement and additional resources can be found at:
http://www.who.int/mediacentre/factsheets/fs304/en/index.html

Wi-Fi™ Alliance Position

Meru is a member of the Wi-Fi™ alliance. The Wi-Fi™ alliance (WFA) is the wireless industry's non-profit group consisting of over 300 members. WFA formed a Health Science Task Group to assist in monitoring and the needs and providing educational materials on the scientific and health-related regulatory topics of interest to Wi-Fi technology. The WFA website maintains a brochure that addresses questions about WLANs and RF exposure.

This brochure can be found at:
http://www.wifi.org/files/uploaded_files/kc_13_WLAN%20and%20Health_7-20-05.pdf

Position of Worldwide Government Agencies

Numerous government agencies and scientific bodies around the world have reviewed the available scientific studies conducted on radio frequencies. They have concluded that the weight of scientific evidence to date demonstrates no known adverse health effects with the use of wireless products operating in compliance with international RF safety standards.

With few exceptions the scientific reviews have called for additional studies that will help fill in gaps in knowledge. Today most of those studies are recently completed or underway.

The World Health Organization (WHO) also states, "In the area of biological effects and medical applications of non-ionizing radiation approximately 25,000 articles have been published over the past 30 years. Despite the feeling of some that more research needs to be done, scientific knowledge in this area is now more extensive than for most chemicals."

RF safety standards are intended to protect human health. Several virtually identical RF safety guidelines are used throughout the world. These standards are reviewed regularly against the latest scientific studies by international standards bodies and various governmental authorities to ensure that the safety requirements continue to protect the public's health.

In the United States, the Federal Communications Commission in consultation with US Public Health Agencies issued RF safety guidelines (FCC Report and Order ET Docket 93-62) based on IEEE/ANSI and NCRP standards; Europe and many other parts of the world use exposure guidelines based on those developed by the International Commission on Non-Ionizing Radiation (ICNIRP); and, in Canada, Safety Code 6 is the RF safety guideline which is administered by Health Canada.

FCC (U.S. Federal Communications Commission) Website:
http://www.fcc.gov/oet/rfsafety

ICNIRP (International Commission on Non-Ionizing Radiation Protection) Website:
http://www.icnirp.de/

U.K. National Radiological Protection Board Website:
http://www.nrpb.org.uk

Australian Communications Authority Website:
http://www.aca.gov.au/consumer_info/fact_sheets/consumer_fact_sheets/fs