

## ... Deliberately

Huge amounts of microwaves could be coming to a wire near you sometime soon, if a Texas company called Media Fusion has its way. The company has figured out a way to send high-speed data over ordinary power lines using the existing magnetic field as a microwave guide. The purpose: high-speed Internet traffic—at speeds of up to a billion gigabits per second (this is not a misprint), if its claims are true. The microwave signal will travel along the outside of existing power lines. The company, which was granted a patent November 9, 1999, plans large scale trials in the United States this year.

## Wireless Local Area Networks (WLANs)

Large networks of wireless computers are now being marketed to schools, college campuses, and businesses. "WLANs allow continuous access to the campus network from notebook computers anywhere in the building," reads one company's advertisement.

What this means is that every computer in the building is equipped with an antenna continuously emitting a signal, and that there have to be satellite antennas in ceilings and walls throughout the building – either hard-wired, or themselves in wireless connection to a base station somewhere else. Any person in such a building (or on such a campus) is going to be swimming in radiation from the surrounding computers. These systems already exist, or are being installed right now, at Disneyland, in Walmart stores, in some college campuses (such as Nova Law School in Davie, Florida), and in some public schools around the country. These systems are being marketed aggressively to school systems with portable classrooms, which up to now have been (horrors!) not connected to the Internet.

This is cellular taken one level higher. Unlike cell phones, computers are on all the time. The number of transmitting antennas in close proximity will be vastly greater. The amount of data (and therefore radiation) sent by each transmitter is vastly greater for a computer than for a telephone.

What this will do to our schools and our children is easy to predict. We foresee a huge increase in asthma, learning disorders, behavioral problems, depression, suicides, and violence in the schools.

Of particular concern are laptop computers sporting 1/4-inch radiating antennas just inches away from the user's gonads.

This technology is unlicensed, and presently operates at microwave frequencies of 2.4 GHz or 5.7 GHz, or at infrared frequencies of 902 GHz.

The eventual goal of these companies is to have all of the computers in a whole city connected to one another by wireless means. Who will be able to live in such a city?

Actually, the real eventual goal is to have all computers on the whole *planet* connected to one another by wireless means. Read the latest satellite update:

## Satellites: An Urgent Situation

The number of low orbit satellites providing digital wireless services to penguins is now up to 155. Since the last issue, Orbcomm has launched another seven, bringing its total to 35; Iridium's 72, despite bankruptcy, are still up and running. And Globalstar, with 48, just launched full commercial service in the United States and Canada on Monday, February 28, 2000. ICO Global, despite bankruptcy, plans to begin launching satellites in March, due to financial guarantees by Craig McCaw's investment company to the tune of \$1.2 billion. Teledesic, the 300-satellite "Internet-in-the-Sky" brainchild of McCaw and Bill Gates (See *No Place to Hide*, October 1997) is still in the planning stages. Based in Bellevue, Washington, it already has an FCC license and has signed a launch contract with Lockheed Martin.

The launch of full service by Globalstar last Monday has alarmingly been accompanied by reports of sudden illness all over North America from electrically sensitive people, and non-electrically sensitive people, to an extent which is greater than the Taskforce has seen since it began monitoring such reports 3 1/2 years ago. Nausea, headaches, leg pain, and respiratory problems are widespread. So is lack of energy and depression. This appears to have begun on Friday, February 25, the previous business day. It is too soon to know whether this will pass, or whether mortality has increased. We also do not know the situation in the rest of the world, because Globalstar is rolling out its service at different times in different countries. Please let us hear from you if you live overseas.

## About Satellite Dishes

In spite of the fact that (so far as we know) not a single scientific paper has ever been published on the hazards of radiation from satellite receiving dishes, they have become such an enormous hazard to electrically sensitive people that we have decided to raise the issue in these pages.

Like any other metal object, a dish of resonant dimensions that focuses the energy from a satellite on a collecting arm, will (passively) re-radiate that same energy out into its immediate environment. Because the collecting arm of a satellite dish is a device that also amplifies the received