

Bluetooth Definition

Bluetooth is a specification for the use of low power radio communications to wireless phones, computers, and other network wireless devices over short distances. The name Bluetooth is actually borrowed from Harald Bluetooth, a Denmark king more than 1,000 years ago.

The technology of Bluetooth was primarily designed to support simple wireless networking of devices and peripherals, which includes cell phones, PDAs, and wireless headsets. The wireless signals that are transmitted by Bluetooth cover short distances of up to 30 feet, generally communicating less than 1 MPps (Mega Byte per second).

The networks of Bluetooth feature dynamic topology called PAN or a piconet. The piconets contain a minumum of two and a maximum of eight peer devices. The devices will communicate using protocols that are part of the specification.

Even though the Bluetooth standard will utilize the same 2.4 GHz range as 802.11b and 802.11g, the technology isn't suitable for a Wi-Fi replacement. When compared to Wi-Fi, Bluetooth is much slower, limited in range, and actually supports less devices.

For short range devices, Bluetooth is rapidly becoming the best. The technology is more popular with cell phones, as Bluetooth headsets are the way to go these days. To use Bluetooth, your cell phone will need to have it enabled, or an infared device somewhere on the phone.

Upcoming devices are utilizing Bluetooth as well, such as PS3 and the Nintendo Revolution. The wireless controllers will be Bluetooth enabled, which will give players the cutting edge.

If you own a cell phone or other wireless device,

you should look into Bluetooth. The technology is nothing short of spectacular, making it something that will be around for years and years to come. As technology gets bigger and bigger, you can expect Bluetooth to advance as well.

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