**ABSTRACT**: Now a days, electronic devices have become smaller, have lower power requirements and have become less expensive at the same time. We have begun to adorn our bodies with personal information and communication appliances. Such devices include smart phones, smart watches, personal digital assistants and many more. Networking with these kinds of devices can reduce functional I/O redundancies and allow new conveniences and services. Human society is entering an era of modern computing, where networks are smoothly interconnected. The implementation of ubiquitous services requires three levels of connectivity: Local Area Networks (LAN), Wide Area Networks (WAN), and Human Area Networks (HAN) for connectivity to personal information, share data, media and communication appliances within the much smaller areas for communication. RedTacton is a user-friendly persuasive technology that uses the surface of the human body as a high speed and safe network transmission path. So in this paper we will be explaining the unique new functional features and enormous potential of RedTacton as a Human Area Networking technology. Here, human body is the transmitting medium supporting IEEE 802.3 half-duplex communication at 10 Mbits/s.

Keywords: Red-Tacton , Electric field sensing, IEEE 802.3, Human Area Networking etc.