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transceiver sizes, computation capabilities, and storage capacities.

The minute size of nanodevices makes them resou
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devices. To achieve this objective a hybrid device needs to be incorporated within IoBNT architecture that can convert biochemical signals from inbody into electromagnetic signals for communication with the Internet and vice versa. This device is called the bio cyber interface which can provide a seamless interface to the biological world inside the human body and the cyber world of the Internet Akyildiz et al. [1]. The design of bio cyber interface is a major challenge in the realization of IoBNT and has attracted significant research attention. Several technologies have been investigated to perceive an operational bio cyber interface i.e., redox-based chemoelectro transconductance units Kim, Li, Kang, Kelly, Chen, Napolitano, Panzella, Shi, Yan, Wu et al. [2], FRET (Fluorescence Resonance Energy Transfer)based bio cyber interface Abd El-atty,