TSL proudly contributed to the development of Zigbee based wireless personal area network system as an outsource design house for the Australian Company LX Innovations Pty Ltd. Our responsibility includes schematic and PCB update, component searching, library management, PCB conversion etc. We also participate in outsourced firmware development works to produce a tailor-made solution to suit the customer’s need. The system is an arsenal of numerous Zigbee devices with resourceful utilities such as Temperature sensor, Illumination sensor, Humidity sensor, Motion sensor, Atmospheric Pressure sensor and many more. It also incorporates a number of commutation gateways – namely Bluetooth, Ethernet, RS232, RS485 and USB – to talk to the external environment. This sophisticated network system provides a readily available solution base for Home Automation, Smart Energy, Remote Control, Health Care, Building automation, Security Systems and other related applications.

**Feature of the product**
- Full compliance with the IEEE 802.15.4
- Zigbee Standards specific to a particular application

**Benefits of the product**
- Home Automation
- Remote Control
- Security Systems
- Health Care
- Quick and powerful platform to develop wireless embedded systems specific to a particular application

**Highlights**
- Strong design tool to develop wireless system solutions

**Representative clients**

**LX Innovations Pty Ltd, Sydney, Australia**

**Number of Installation/ Clients:** 1

**Target:** Home Automation, Remote Control, Security Systems, Health Care

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Technology Solutions Limited (TSL) is a leading design house located in Dhaka, Bangladesh. We provide cost effective services to our clients. With a talent pool of professional engineers, TSL works on diversified sectors: Embedded System Design, PCB (Printed Circuit Board) design & consultancy, Software development for desktop, web & Mobile based application. TSL has outstanding expertise in outsourcing services, system integration, management & consultancy services. We are successfully involved in projects from renowned foreign companies. Our professional association with overseas design house and manufacturing companies give us a readily available access to vast technical expertise, consultancy, outsourcing and also international exposure of the product.