ROAMIO2 Functional Description

10MHZ Crystal Resonator

8MHZ, 16pf Crystal

BACnet

Infinet

RS485 Transceiver

CPU

LMX9820A Bluetooth Module

2.4 Ghz Chip Antenna

RS232 Transceiver

3.3 Volts

SEPEC Power SUPPLY

Vin Range= 5.0-1.6Volts (DC)

$V_{RS485}(DC)=$ 3.3Volts(I2) 5.0Volts(I1)

V_{bat} (DC)=3.0-1.6

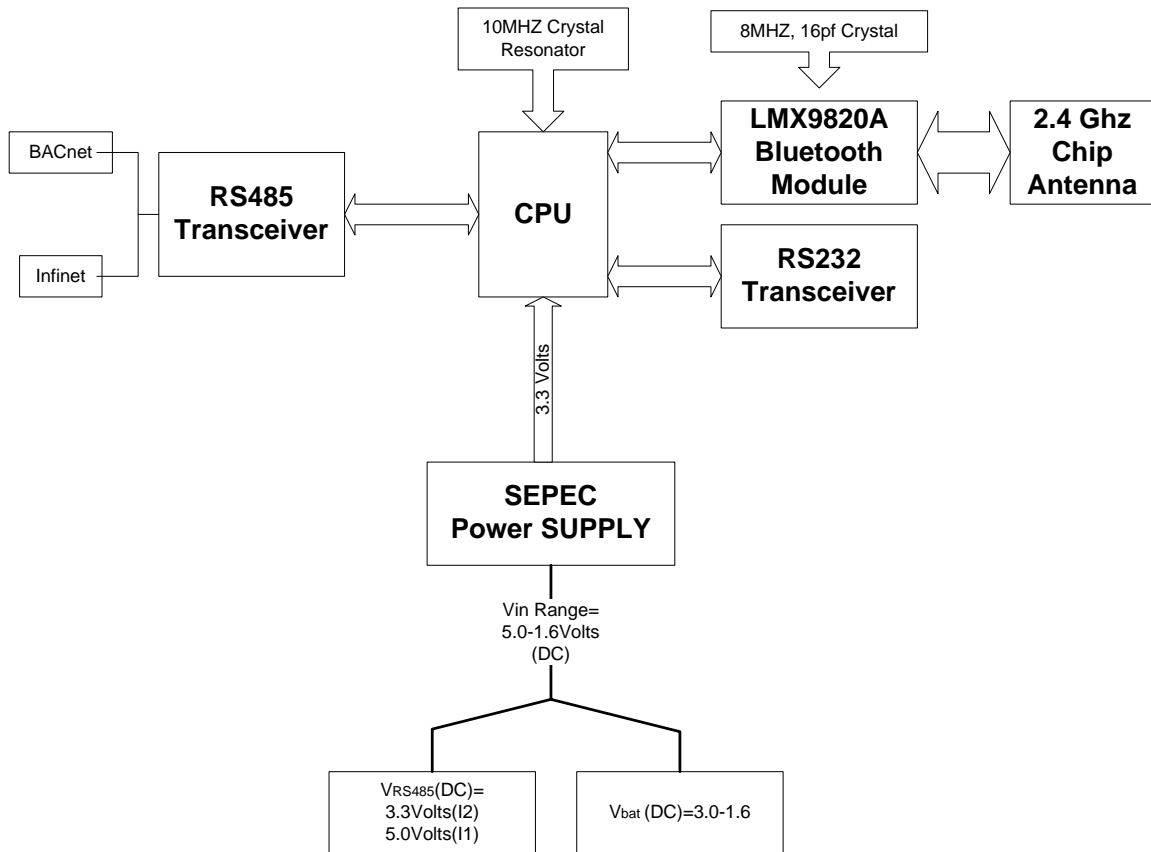### Product Descreption

The overall purpose of this project is to develop a BACnet/Infinet Service Tool that is designed to function with the BACnet/Infinet protocal. The intent of this application is to allow the Tour Andover Controls team and dealers to be more efficient in viewing the state of the I/O, modifying it or adding comments.

This product is to communicat with a Laptop, PC or a handheld PDA device via the RS232/Bluetooth interface. The RS485 port is to be connected to the TAC service port avaialble on the, I1, I2 and the BACnet products.