FAQ's

SOFTWARE QUESTIONS

WHAT DOES BERT MEASURE?
Bert measures the actual current and voltage to calculate watts used. Berts with Bert Temperature also collect temperature data.

WHAT MEASUREMENT DATA REPORTS ARE AVAILABLE?
Historical data is available by hour, day, month, year or user-defined period. Reports are available by individual device, groups of devices, buildings, groups of buildings, all buildings or other group. Up to three periods can be compared within a report.

WHAT ARE GROUPS?
Instead of managing Berts individually, Berts are grouped together for easy administration. Typical groups include building type, device type and location within a building. Devices can be included in multiple groups.

HOW ARE GROUPS USED?
Groups are used for reporting, scheduling and load shedding purposes.

WHAT CONTROL OPTIONS DOES BERT OFFER?
Bert offers several ways to control plug load. Besides turning devices on and off using a time-based schedule, Bert also controls devices using power threshold levels and high/low temperature set points.

HOW DOES THE TIME-BASED SCHEDULE WORK?
Each Bert, or group of Berts, turns on/off at the scheduled times. Devices can be turned on/off up to 50 times per week. Schedules can be created for every day, week days, weekends, individual days of the week, or a combination.

IS THERE A WAY TO OVERRIDE THE SCHEDULE?
Yes, there's an override feature which allows an administrator to power down all devices, groups of devices or individual Berts with a single click.

WHERE IS THE BERT'S SCHEDULE STORED?
Schedules are stored centrally on the server and locally in each Bert. If the network goes down or the Bert is unable to communicate, the Bert continues to turn on and off using its stored schedule. Once the network is restored, the Bert immediately synchronizes clocks with the server and checks to see if there has been a schedule update.

WHAT IS BERT THRESHOLD?
It's an optional software upgrade that provides power threshold-based control for sensitive equipment like projectors, vending machines, charging carts and copiers. The software prevents equipment from turning off until the normal shut down cycle is complete or the compressor has turned off. The time-based schedule is in effect when the power threshold is not exceeded. If the threshold is exceeded at the time the Bert is scheduled to turn off, the software prevents the Bert from turning off until after the power level drops below the threshold. Each Bert can be programmed with a unique threshold ranging from 2-999 Watts.

WHAT IS BERT TEMPERATURE?
It's an optional software upgrade that provides temperature-based control and monitoring. Each Bert can be programmed with unique high and low temperature set points to automatically turn the Bert on or off when the set point is reached. The time-based schedule is in effect when the set point temperatures are not reached. In addition, real-time temperature data can be collected and measured from any outlet or circuit with Bert.

WHAT IS BERT CONNECT?
Bert Connect is the Bert gateway used to integrate Bert into BACnet/IP-based building automation systems.