

Data Collection

- ❖ **Amp'ed RF Products**
 - BT-11 High Power Bluetooth module
- ❖ **Key Technology**
 - SPI Interface support
 - I2C Interface support
 - Class 1 Bluetooth
 - High speed data rate, ~2Mbps
 - General purpose I/O support
- ❖ **Benefits**
 - No additional micro controllers are needed
 - Saves large amounts of data in non-volatile memory
 - Quickly recovers data over high speed Bluetooth link up to 100m away
- ❖ **Usage Model**
 - The internal processor of the BT-11 Bluetooth module automatically collects data over it's I2C bus
 - Data is saved in a serial EEPROM device using a SPI bus interface
 - A PC or PDA connects to the Bluetooth module, and data is downloaded quickly
 - The embedded ARM processor controls the data collection system

