Remote Battery Monitoring – System Block Diagram

Protection Circuit

Battery Monitoring Circuit

Processor + Memory

LCD + Keypad

Comm. Module

Central Monitoring Unit + Memory

Comm. Module
The Central monitoring unit (CMU) creates configuration of location and their batteries and associates each config. with a picture of the location.

CMU will send alarm messages, through SMS to a specified mobile number in a human readable form.

It will escalate the alarm status to higher officials based on hierarchy: Up-to 4 levels if the error is not rectified within a specified period of time.

The Status can also be polled from the CMU.