Asset Identification & Location Project - RFID

Seattle, Washington

Project Description:

ACSI was engaged to develop an RFID system which could be used by the client to identify randomly located vehicles.

ACSI developed a prototype hand held picker and interfaced the RFID system to the client's IBM AS400 System which will be used to track an inventory of 15,000 vehicles.

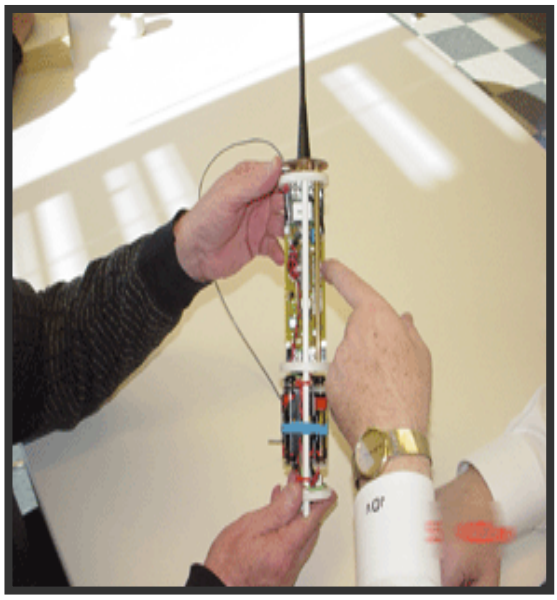
ACSI's engineers also developed an RF transponder (tag) which operates up to 1,000 feet from the reader and also developed a management system for reusing the RFID transponders.

The hand held "PICKER" shown in the opposite column displays the number of the transponder which is responding in its liquid crystal display. A number of communications choices are possible through keypad selection.

The integrated circuit is used to retain transponder programs and tag data which can be accessed by portable and fixed readers.

Warehouse equipment and instruments are "tagged" for check out and tracking purposes. Once the equipment item is located at the project site, the RF tag is used to maintain the security of each item.

Hand Held Picker



Transponder