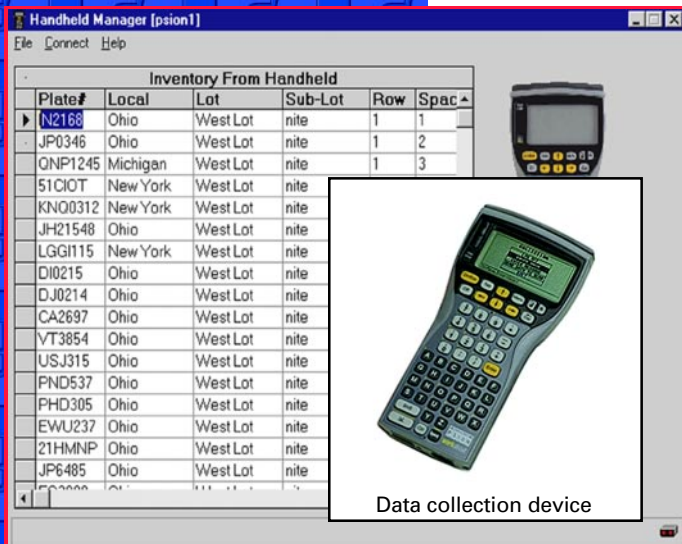


License Plate Inventory System



Handheld Manager [psion1]

File Connect Help

Inventory From Handheld					
Plate#	Local	Lot	Sub-Lot	Row	Spac
N2168	Ohio	West Lot	nite	1	1
JP0346	Ohio	West Lot	nite	1	2
ONP1245	Michigan	West Lot	nite	1	3
51CIOT	New York	West Lot	nite		
KNO0312	New York	West Lot	nite		
JH21548	Ohio	West Lot	nite		
LGG1115	New York	West Lot	nite		
D10215	Ohio	West Lot	nite		
DJ0214	Ohio	West Lot	nite		
CA2697	Ohio	West Lot	nite		
VT3854	Ohio	West Lot	nite		
USJ315	Ohio	West Lot	nite		
PND537	Ohio	West Lot	nite		
PHD305	Ohio	West Lot	nite		
EWJ237	Ohio	West Lot	nite		
21HMNP	Ohio	West Lot	nite		
JP6485	Ohio	West Lot	nite		

Data collection device

Inventory Control

The License Plate Inventory (LPI) System from

Federal APD provides complete inventory control with on-line exit cashing systems. The system is used to record and track vehicles in a parking facility. At any moment, it is possible to obtain the plate number and location of vehicles in the facility and verify whether the vehicle is still in the facility.

Secure Revenue Control

Car parks of all sizes will find the Federal APD LPI System to be an excellent tool in improving the efficiency of their management system. Accurate records are proof positive of when a vehicle entered the facility – even if the parking ticket is lost (or swapped with a newer one). By reducing fraudulent claims, you will maximize your revenues while limiting cashier and customer controversies.

Inventory Collection

The ergonomically designed LPI hand held inventory device is used for gathering and assembling license plate data from vehicles parked in the facility. An attendant simply records the license number and location into the field unit – either as the vehicle enters the facility, or collected by location (usually performed once daily/nightly; more frequently in heavy turnover facilities). This information may be subdivided by lot, sub-lot, row, and/or space number.

On-Line Data Management

After the attendant has completed the license plate inventory, the inventory database is transferred to the powerful ScanNet Central Management System computer. This pc-based data management system provides computer tracking and control of the license plate records.

When a vehicle exits the facility, the cashier enters the license plate number of the vehicle into the Auditor PowerPad Fee Computer (with LPI software option). The Auditor PowerPad sends this information to the ScanNet System, which checks the plate number against the recorded inventory to determine the total number of days the vehicle was parked.

Concise Management Reports

Management reports may be viewed on the computer screen or printed out. This information includes vehicle location reports, illegally parking vehicle reports, missing vehicle reports, and a priority "Hot List" that flags a vehicle for special attention.

Features:

- Data management system provides tracking and control of license plate records
- Complete inventory control with on-line exit cashing systems.
- LPI Hand Held Computer (Psion Workabout) features:
 - Stores 2,000 license plate numbers
 - 1 MB memory on board (upgrade to 16 MB)
 - Backlit LCD visual display
 - Water resistant enclosure
- Concise management reports:
 - Vehicle Location (Lot, Area, Row, Space)
 - Illegally Parked Vehicles
 - Missing Car
 - Priority "Hot List"

Components:

- ScanNet Central Management System with LPI software: the central processing location of the database records.
- Auditor PowerPad Fee Computer with LPI software: to send the license plate number of the exiting vehicle to the ScanNet computer.
- LPI Hand Held Computer: to collect inventory records and transfer completed records to the ScanNet database.



Secure Inventory Control



FEDERAL APD
Federal Signal Corporation

License Plate Inventory System Specifications

1. Purpose

The Federal APD License Plate Inventory (LPI) System shall be a ScanNet-based database management system which provides tracking and control of license plate records entered into the system by a License Plate Inventory Hand Held Computer.

2. Operation

To maintain an inventory of vehicles in a parking facility, parking personnel shall take a regular inventory of all vehicles. The LPI Hand Held Computer (LPI HHC) device shall be used to record license number of the vehicle, state/province, and vehicle parking location by Lot, Area, Row, and Space Number.

- a. The data stored in each battery powered LPI HHC shall then be transferred to the ScanNet LPI Inventory System using an interface device and communications program. ScanNet shall maintain the inventory database for all Lots in the system. The transfer of inventory data by an inventory taker shall require the entry of an authorized password into the LPI HHC.
- b. When a vehicle exits the facility, the cashier shall enter the license plate number of the vehicle into the Auditor PowerPad Fee Computer (with LPI software option). The Auditor PowerPad shall send this number to the central computer, which locates the record for this license plate number in the inventory. ScanNet software shall provide a feature which compares the current inventory with the previously recorded inventory to determine the total number of days each vehicle has parked and whether the vehicle remains in the facility or has exited. ScanNet shall record this license plate number along with locality data (state, province, etc.) and use a flag indicating whether the vehicle is on the Hot List.
- c. When the fee is paid and the vehicle exits the facility, the Auditor PowerPad shall then send the exit transaction data

to ScanNet. ScanNet shall locate the record for this license plate number in the inventory, mark it exited and move the record to the History Table.

3. Features/Functions

The License Plate Inventory feature for the pc-based ScanNet Central Management System is a set of applications that perform the necessary functions to collect license plate data, manage the data, maintain the inventory, and generate reports. The LPI database is a set of tables in the ScanNet database. These applications can execute on the same or different computers provided they have access to ScanNet and the ScanNet database when needed.

The ScanNet LPI shall provide the following features:

- a. ScanNet License Plate Inventory shall be available through the ScanNet toolbar, ScanNet File menu, and ScanNet Navigation screen.
- b. License Plate Inventory shall provide the ability to update inventory data through hand held computer interfaces.
- c. License Plate Inventory shall provide a monitor window, available to all operators, that shall allow the operator to search for vehicle activity data by a patron's license plate number. Data displayed in this window shall be: Plate Number, Location, Entry Date, Number of Days in Lot, Number of Days Missing, Lot, Sub-lot, Row Space, Hot List Priority, and Hot List message.
- d. Data may be sorted in ascending or descending order by plate number, location, entry date, number of days in lot, number of days missing, or Hot List priority.
- e. Data may be printed or saved to a file.
- f. The operator may filter a search by plate number, location, entry date, number of days in lot, number of days missing, or Hot List priority.
- g. Searches may be made on full or partial plate number. Wild cards may be used with partial plate numbers. The

operator may specify state or province data for a search.

- h. Searches shall have options to include history, exemptions, and a Hot List.
- i. Hot List: An editable Hot List shall be available. Operators may enter plate number and locale, determine priority level, and create a message.
- j. A License Plate Inventory configuration window shall be available to authorized operators. The configuration window shall contain five tabs: LPI, HH (Hand Held), Facilities, Locale, and Communications.
- k. The LPI tab shall allow the operator to enter License Plate Inventory setup data such as lot size, missing grace period, primary server name and location, and a listing of License Plate Inventory computers. The configuration window shall also allow the operator to define the inventory and reconciliation method. Inventory and reconciliation methods shall be either real-time or batch.
- l. The HH (Hand Held) tab shall provide the operator with the ability to configure each hand held unit used with the License Plate Inventory system. Names, ports, and areas may be assigned through the HH tab.
- m. The operator shall use the Facilities tab to configure parking space data. Rows and spaces may be configured through the Facilities tab.
- n. The operator shall use the Locale tab to enter locality data. Locality shall be state, province, etc. Data entered into the Locality screen shall be name, abbreviation, and sort.
- o. The operator shall use the Communications tab to configure serial port parameters



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