



SCAN™ Facility Management System



FEATURES

- User friendly, menu driven program
- Password control for system security
- Alarm and message displays
- 80 column print-out format
- Optional software packages
- Antipassback control for card access
- Peak card use monitoring
- Controls up to 256 devices
- Single or multiple facility capability

Federal APD's SCAN™ System is a field-proven, fully interactive facility management system that lets you monitor, control and develop reports on *all* the activities in your facility. And it's as convenient as it is effective, because everything is done from one central location, with simple keyboard commands.

IBM PC-BASED SYSTEM

With SCAN, your IBM PC (or compatible computer) is customized into the most powerful facility management system available. SCAN gives you the tools to manage your resources more effectively by providing the information and control you want, when you want it – and with electronic speed.

REMOTE PROGRAMMING

SCAN software fully integrates your parking facility hardware, from Auditor 2C Fee Computers to Passport® Plus Card Readers to CG-90 Parking Gates. From one centralized location you can re-tune detectors, raise or lower gates, vend card readers, turn full signs on or off, and program fee computers.

in any one or up to eight different facilities.

SAVE WITH SCAN

As you grow and your needs change within your facility, SCAN grows with you. You can easily reconfigure your SCAN software to accommodate new lanes or the redirection of traffic.

SCAN reduces your administration costs by providing you with the most comprehensive count package available at a fraction of the cost of conventional hard-wire systems. You can create and maintain monthly files, design and test rate structures, and record all parking transactions.

Parking professionals know that an efficient facility management system can pay for itself in as little as two years. With the advanced SCAN capabilities, increased revenues and diminished operating costs can be a real part of your future.

TYPICAL INSTALLATIONS

The SCAN™ Facility Management System can be used to control, monitor and program a total of 32 devices per each of eight possible Port Controllers in any combination.



COMPONENTS

- SCAN™ computer
- Port Controller
- CG-90 Parking Gate
- Full Sign
- Ticket SPitter
- Passport® Plus Card Reader
- Auditor 2C Fee Computer



The Federal APD SCAN™ System and all its devices shall be manufactured by Federal APD and shall consist of SCAN software operating on an IBM PC or compatible computer, communicating with Federal APD devices appropriate to the software configured for the system.

1. SCAN System software shall be fully IBM PC compatible with 640 K RAM, 20 meg hard drive, clock board with battery back-up, 80 column printer, monochrome or color monitor and one RS-232C serial port.
2. The SCAN System software shall be licensed by Federal APD and available in at least 13 different packages to provide the required revenue, vehicle and access control. These packages can be integrated to accommodate both small and large parking facilities.
3. The SCAN System shall be fully compatible with Port Controllers, CG-90 Parking Gates, Auditor 2C Fee Computers, and Passport® Plus Card Readers as manufactured by Federal APD.
4. All SCAN devices shall be completely functional in stand-alone operation. These devices shall communicate all local activities to SCAN, including condition of the device memories after power failure. Each device shall be capable of storing status messages while in off-line operation.
5. The Federal APD SCAN System shall provide the capacity to send, load, and store all device programming including: rate structures, attendant names, vend times, valid card ID numbers, time zones and other variable operational features.
6. The SCAN System shall be capable of automatically sending the user configured programming to all fee computers, door readers, entrance readers, exit readers or gates in any one or all of eight different facilities with a few keyboard actions.
7. The SCAN System shall be capable of sending commands to devices including: re-tune detectors, raise or lower gates, vend card readers and activate fee computer audit trail communications.
8. In all operating modes of the SCAN System, three windows shall always be present on the screen to provide real time display of system messages, alarms and system operation information. The messages displayed in the alarm window shall be saved in the alarm window and cleared at the request of the operator.

9. The SCAN System shall be capable of saving all system activity messages on the system disk which shall be sorted chronologically and saved in daily activity files.

A) The SCAN System shall include a data manager which provides selective screen and printer viewing of system activities including: SCAN System numbers, device numbers, device types, card groups, card ID numbers, message types, time and date.

B) The activity messages found by the data manager may be saved in operator designated disk files for additional message searches and/or backup.

10. The SCAN System shall provide password control of ten unique operators. Each operator may be restricted from accessing specific primary and secondary menus by setting up programmable access levels for each operator.

Federal APD SCAN Access Software shall provide access control features and shall allow the user to create, store, send and receive all reader programming from Passport® Plus Card Readers and programmable controllers. Optional SCAN Access software programs include: Card Log, Access Duration, Card Log Hourly Update, Card Log Date Manager, Peak Counts, Peak Count Data Manager, and Monthly Count Monitoring.

SCAN Parking Software shall provide parking control features and shall provide the user with differential counters of up to eight different parking facilities. Optional SCAN Parking software programs include: Area Count, Count Control System, and Count Data Managers for lanes, lots and areas.

SCAN Revenue shall allow the user to interface with Auditor 2C Fee Computers and allow the user to create, store, send and receive all Auditor 2C programming. Optional SCAN Revenue software programs include: Transaction Data manager, Revenue Data Manager, Ticket Tracking, and Ticket Tracking Data Manager.

**FEDERAL APD**

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