

ValueCard™ Card Access System



SST is a registered trademark
of Federal APD, Inc.

Features:

- Create passes on-site for:
 - Monthly pass cards
 - Debit cards
 - Voucher tickets
 - Discount tickets
 - Special event tickets
 - Proprietary prepay tickets
- Add value to the pass on demand
- Assign start/end times, number of uses, or dollar value at the cashier station
- Operates as a stand-alone or on-line system
- Issue standard SST mag stripe paper tickets or plastic coated cards
- Dual purpose SST Ticket Spitter and Exit Verifier eliminates separate readers
- Full anti-passback features



Monthly cards or debit cards

Prepay System

The Federal APD SST® AutoRead System enables you to produce a variety of monthly cards or debit cards on demand with the ValueCard System. The wide range of ticketing options available provide you with unique revenue opportunities for your parking operation.

ValueCard is a rechargeable card access system that can be used as a monthly access or debit card with assigned units of value,

time, number of uses, or dollar amount – or as a combination access/debit card. Standard SST paper tickets or plastic coated cards may be created with prepaid values at any cashiering station.

Flexible System

Using the same lane equipment, the SST AutoRead system enables your operation to process normal transient tickets and handle prepay tickets as well. The system consists of the SST Ticket Spitter, the SST Auditor PowerPad, the SST Exit Verifier, and the SST Automatic Pay Station.

To grant access into the parking facility, the dual function SST Transport/Validator mechanism dispenses transient tickets for short-term parkers, or accepts valid ValueCard tickets. Exiting the facility is controlled by the SST Exit Verifier that can read validated (paid) transient tickets and/or ValueCards. The SST Auditor PowerPad is used to process standard transient tickets (in exit cashiering configurations) and to create proprietary ValueCard tickets.

Each control device in the system operates as a stand-alone device. An on-line system, featuring the Federal APD SCAN™/Scan Net™ System, allows the parking manager to access reports and programming information for computerized control of the parking network.

Ticket Options

The SST AutoRead System enables you to offer your customers a variety of payment plans for parking fees. In addition to controlling transient parkers, the system can also be configured to control monthly parking passes, prepay (voucher) tickets, special event tickets, advance sale tickets, and decrementing tickets.

Popular applications for the ValueCard System include:

- Parking Operators who want to offer proprietary prepay or monthly parking pass to be used in any parking facility.
- Municipalities who desire to pre-sell "City" voucher or discount tickets for special events, or monthly cards for employees.
- Universities who want to sell debit cards for campus wide parking or advance ticket sales for special events.
- Medical Centers who need to pre-issue decrementing tickets or vouchers for visitors and employees.



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ValueCard™ Card Access System Specifications

1. Purpose

The ValueCard System shall be an access and revenue control system that integrates SST AutoRead equipment and Federal APD Barrier Gates. Based on magnetic stripe technology, the system shall control access to parking facilities for monthly parkers, and/or enable transient parkers to satisfy parking fees using prepaid debit tickets.

2. Features

- a. The ValueCard System shall encode data directly onto the card and/or ticket's magnetic stripe. The ValueCard System can operate in three configurations: (1) Monthly Access Card, (2) Debit Card, and (3) Value Access Card.
- b. The Monthly Access Card feature shall control a parking patron's ingress and egress by using the ValueCard at the SST Ticket Spitter and SST Exit Verifier (respectively). This feature is used in parking operations that require monthly parking solutions. It is included in all ValueCard Systems.
- c. The Debit Card feature shall assign a value (by start/end time, number of uses, or dollar amount) to the ValueCard. Each time a patron uses a Debit Card to pay a fee, the system decrements a value from the card. This type of ValueCard is lane programming dependent and is used in conjunction with transient tickets.
- d. The Value Access Card shall combine the features of the Monthly Access Card and the Debit Card. It shall enable monthly patrons to have an assigned parking location (contracted space) while enabling the card holder to use the same card at other locations as a debit card. The card can have value assigned by start/end time, number of uses, or dollar amount. Each time a patron uses the card to pay a fee, the appropriate value is deducted.

3. Construction/Hardware

ValueCard uses specific parking control equipment (with appropriate software) to

control access into and out of facilities. The ValueCard System may be configured as part of an on-line system, or as an off-line system with each device acting accordingly.

- a. The SST Auditor PowerPad Fee Computer shall be capable of creating, issuing, and updating Monthly Access, Debit, and Value Access types of ValueCards.
- b. The SST Auditor PowerPad shall have the capacity to create a variety of times when the ValueCard becomes valid and/or invalid, including: (1) Fixed Start Time, (2) Fix Duration Time, (3) Fix Today, (4) Variable Today, (5) Variable Start Time, and (6) Unused.
- c. The SST Auditor PowerPad shall have the ability to set a monetary value for the ValueCard, including presetting the total value assigned as fixed, or enabling the cashier to designate the total value assigned to the ValueCard as variable.
- d. The SST Auditor PowerPad shall have the ability to set the maximum number of times a card may be used per day as fixed or variable.
- e. Features that may be preset on the ValueCard or designated by the cashier include: Fee Table used to access a parking fee, the amount charged for a ValueCard, and the number of cards issued by an attendant.
- f. The SST Auditor PowerPad shall control how attendants can change ValueCards already issued, including: Changing the time a ValueCard becomes invalid, Changing the number of times that a patron can use their ValueCard, Changing the total value of the ValueCard, and Changing the cash value a patron must pay in order to receive an updated ValueCard.
- g. The SST Ticket Spitter shall either dispense a magnetically encoded ticket to an incoming parker, or accept and read a ValueCard to allow ingress.
- h. The information stored on the ValueCard's magnetic stripe shall be automatically updated by the SST

Ticket Spitter's transport mechanism.

- i. The SST Exit Verifier shall accept and read a ValueCard to allow egress from a parking facility.
- j. When a patron initiates a transaction at the SST Exit Verifier, the information stored on the ValueCard's magnetic stripe is automatically updated per the card's pre-programmed parameters.
- k. The SST Ticket Spitter and SST Exit Verifier with ValueCard capabilities shall be programmed and controlled with an AutoRead Controller with the appropriate firmware. This firmware shall provide an option to program the time and/or date, and program up to six fee tables in order to process ValueCards for patrons exiting a facility.
- l. The AutoRead Controller shall be programmed to accept and process Monthly Access, Debit, and Value Access type ValueCards.
- m. The AutoRead Controller shall detect and/or prevent illegal entry using the on-board anti-passback system. Timed anti-passback features shall be programmable to prevent patrons from using their cards more than once in a given time period.
- n. The AutoRead Controller shall deduct a single use from a counter each time that a patron uses their ValueCard.
- o. Grace time and the ability to charge a fee if a patron exceeds the programmed grace time shall be controlled by the SST Omega Controller.
- p. The AutoRead Controller shall be programmed to deduct a single use from a counter every time a ValueCard is used.
- q. The AutoRead Controller shall provide the ability to capture ValueCards with no value, ValueCards that are expired, and ValueCards that are placed on a blacklist.
- r. The AutoRead Controller shall be programmed to control the issuing of tickets from the SST Ticket Spitter as normal issue, pre-issued, or pre-encoded.



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