

Stamford Transportation Center Garage Parking Access Control System Description March 2012

The system incorporates Magnetic Stripe Machine Readable Ticket Technology for Transient Parker's and Automatic Vehicle Identification (AVI) Technology for Monthly/Contract Parker's. The System is managed by the Amano iParcProfessional Parking Management Software Suite.

- Transient Operation (Daily Parker's)
 - Magnetic Stripe Machine Readable Ticket Technology using ETP-22 Amano Ticket Dispensers at 3 Entrance Lanes.
 - Vehicle approaches Ticket Dispenser and activates the Button via Arming Ground Loop
 - Button is pressed on the front of the Machine, and a Ticket is issued with the Time, Date, Machine Number, Lane Number Encoded on the Mag-Stripe and Printed on the Ticket
 - Once Ticket is taken by the patron, the Entrance Gate Raises and allows ingress
 - Gate Closes automatically via Close Ground Loop
 - Magnetic Stripe Machine Readable Fee Computers at 3 Booth Locations using AGP-5200 Amano Fee Computers at 3 Exit Lanes
 - Vehicle approaches Exit Booth and activates the Fee Computer via Arming Ground Loop
 - Patron surrenders ticket to the Cashier and utilizes the Machine Readable Technology to read the Encoded Entry Information, and determine the Patron's length of stay.
 - The Gross Fee is calculated through a comprehensive pre-programmed rate structure based upon the hourly rate and any grace periods applied to the rate
 - A Validation can be processed either electronically or manually as necessary
 - The Net fee is displayed on a remote fee display to the patron
 - Once payment is made (Cash Only through the Fee Computer), and any change given, the Exit Gate will raise and allow egress
 - Once Ticket is taken by the patron, the Entrance Gate Raises and allows ingress
 - Gate Closes automatically via Close Ground Loop
 - Parking Management Software
 - All Transactions both at the Entrance Ticket Dispenser and Exit Fee Computer are stored in the Parking Management System Database for Report Generation, Archiving, and Data Gathering
 - Includes Ticket Tracking Information that tracks the ticket from when it is issued to when it is processed and closed at the Fee Computer
 - Revenue Reporting is extensive by Attendant, Summary, Shift, Duration of Stay, Entry/Exit, Outstanding Ticket amongst many other pre-canned reports
- Monthly/Contract Parker's

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- A Monthly/Contract Parker maintains a Windshield Mounted Vehicle Tag that is uniquely identified by our system with an internally coded Tag Number and Facility Code
 - The Facility Code is unique to the property in order to prevent a neighboring client from using similar technology and gaining access into your garage
- As the Parker approaches an Entrance or Exit Lane, and the Arming Ground Loop senses the presence of their Vehicle, a signal is sent to the AVI Reader to read the Vehicle's Tag
 - If the Tag is present in the iParcProfessional Parker Database and meets the preprogrammed parameters for validity, then the associated gate will raise and allow ingress or egress
 - Gate Closes automatically via Close Ground Loop
- Parking Management Software
 - All Transactions are stored in our Parker Database for Report Generation, Archiving, and Data Gathering
 - Includes Monthly Fee Reports, Accounts Receivable Reporting, Cardholder Reports, amongst many other pre-canned reports
 - The Parker Database is maintained by the Operator through the Accounts Receivable Software or directly through the Database itself for activating and deactivating Tags, processing paid through dates, access restrictions, anti-passback, amongst many other Parking Access Rules and Parameters pertinent to the Operation
- Count/Monitor Software
 - Software Module Provides Differential Counts for the Facility
 - Individual Lane Device Counts and Monitoring Functions
 - Used as a Check/Balance for the Revenue and Card Software Transactions
 - Used to trigger "Full" Conditions

There are other Modules included (i.e. Accounts Receivable, Business Alerts) that are also present in the current Build of Software installed at the facility.