Parking Access and
Revenue Control Systems

GMG Systems, Inc.
14439 Catalina Street, San Leandro, CA 94577
Tel/Fax: 888-GMG-SYSTEMS (888-464-7978)
sales@gmgsys.com   www.gmgsys.com

Proudly designed and manufactured in the U.S.A.
GMG Systems, Inc. is a Parking Access and Revenue Control Systems (PARCS) manufacturer located in the San Francisco Bay Area since 2003. Our founding engineers have combined PARCS experience of more than 42 years. All equipment is produced in the USA. GMG builds parking equipment that requires minimal service so we offer an unprecedented two (2) year warranty. GMG designs and builds parking equipment to meet any performance specification and our parking equipment products are typically related to the construction industry CSI Division 11150. Please refer to our website www.gmgsys.com for detailed product information, cut-sheets and features describing how the GMG equipment stands out among competitors.

HANDS ON MANUFACTURING Means QUALITY and AFFORDABILITY
Our principal founders are involved hands-on with every aspect of the manufacturing operation. They oversee and direct all research, design, engineering, cost analysis, fabrication, assembly, delivery, installation, training and service for all of GMG’s products. We strive for affordability with superior quality.

PRODUCTS

Parking Entrance Stations & Ticket Dispensers           Standard Fee Computers
Parking Exit Stations                                    Parking Management Servers
Barrier Gate Operators                                   Barcode Valet Fee Computers
Automatic Pay Stations                                  Pay & Display + Pay by Space
Credit Card Only Pay Stations                           Audio and Image Processing

SUPERIOR QUALITY Means “RELIABILITY YOU CAN COUNT ON!”
To achieve superior products, the GMG principals have drawn from their vast experience, conducting an extensive evaluation of best practices and components among parking equipment systems. This has resulted in a simplified design using state of the art technologies and the highest quality components available. This superior quality claim is backed up by an exclusive two (2) year warranty. GMG produces one of the most advanced, most reliable parking equipment on the market today.

OUTSTANDING EQUIPMENT & SOFTWARE FEATURES
GMG incorporates 18 innovative features not found in competing equipment. Many end user benefits are associated with these features.

SERVICES
GMG offers a one stop shop for turn-key parking equipment system services that include:

Parking Consultation           Estimating           Design and Engineering
Manufacturing                  Installation          Training                Service

OUR GOALS
1) To produce superior quality, user friendly, state of the art parking equipment which is easy to use, highly efficient, durable, long lasting, low maintenance, easy to service and cost effective.
2) To provide the highest return on investment (ROI) for our clients.
3) To stand out as the best value on the market today.
4) To earn your business and to keep our as a client by delivering low maintenance, long lasting PARCS.
5) To have each and every clients as one of our client references, not just as a satisfied customer.
6) To make life easier for our clients.
PARKING EQUIPMENT MANUFACTURER

Producing:
PARKING ACCESS & REVENUE CONTROL SYSTEMS (PARCS)

WHAT SETS US APART?
18 EQUIPMENT & SOFTWARE FEATURES – WHICH SURPASS THE COMPETITION

FEATURES

1) An unprecedented two (2) year warranty
2) Maintenance friendly using the highest quality parts
3) User friendly and designed with customer focus
4) True Web-based user interface
5) Fully functional Web UI with access to ALL data
6) Highly versatile with unlimited scalability
7) Self diagnostic scanning & monitoring
8) Remote troubleshooting & system diagnostics
9) Proprietary, internal software licensing is eliminated
10) Product based on Linux® OS and Java™ platform
11) 128-bit data encryption in all process phases
12) Centralized integration of multiple facilities
13) High speed Ethernet TCP/IP communication
14) Built-in image processing – snapshots & video
15) Built-in real-time speech synthesis & audio playback
16) Powerful access card system & card compatibility
17) Unlimited record storage capacity – same speed!
18) Report output to major database formats

BENEFITS

1) Save the cost of 2nd year service agreement
2) BUILT TO LAST! Better return on investment (ROI)
3) Easy to use by parking patrons, less employee training
4) Accessible from any local or remote location, same UI
5) Complete access to all data & every control operation
6) Access from any number and any type of workstation(s)
7) Built-in self test examination of hardware and software
8) No need for field trips, thus save cost
9) Save recurring, proprietary, internal license fees
10) Save by eliminating 3rd party OS & DB license fees
11) Provides the same or higher level of security as banks
12) Central control location saves operating expenses
13) Lightning fast response for critical data verification
14) Photos at entry & exit provide added security
15) Personalized greetings & audio instructions
16) Unlimited multiple card types. Convenient for patrons.
17) No system slow down from accumulated data
18) Export all data to your current reporting format (Excel)

GMG designs technically advanced, high quality, low maintenance, affordable equipment
HANDS ON MANUFACTURING Means QUALITY and AFFORDABILITY
SUPERIOR QUALITY Means “RELIABILITY YOU CAN COUNT ON!”

GMG BUILDS AFFORDABLE PARKING EQUIPMENT THAT LASTS!
GMG Systems is proud to present APP3000 - a complete revenue and access control solution for automated parking garages. Using powerful LINUX® and Java™ technologies allows GMG Systems to offer many innovative features that are not common for the parking industry yet

**Built-in image processing and video capabilities in all system components.**
- The APP3000 parking management system associates every car entry and exit with a picture snapshot.
- The images are displayed in the usage activity reports
- The APP3400 Fee Computer automatically retrieves the picture taken at the garage entrance and shows it to the cashier for verifying the vehicle and driver information.
- The video stream can be used for surveillance purposes eliminating the need of costly coaxial cabling through the entire parking facility. In case of an Internet connection to the APP3900 system server, the surveillance video is also transmitted over the Internet.

**Built-in real time speech synthesis and audio playback capabilities.**
- All APP3000 system components provide the patron with audio instructions during normal operation or in case of unusual events.
- All system components support speech synthesis and can play text messages distributed by the system server. This makes possible playing custom messages for a particular patron. Such features dramatically improve the garage appearance and put a personal touch in the patrons' overall parking experience.

**Web-based user interface and remote management.**
- APP3000 provides a native web-based user interface (like in on-line banking) for all administration, management, reporting and revenue auditing.
- Therefore all system functionality is directly available through a secure remote connection to the system server (through modem, DSL, Wireless, etc.). This includes monitoring the garage occupancy, system alarms, lanes activities, running statistical and revenue reports, etc.
- Working from a remote location does not require installing any additional software – everything is done through a standard WEB interface using a web browser like Internet Explorer. This allows the garage management to be on top of operation even when far away from the office. All remote connections utilize a 128-bit SSL encryption for protecting the sensitive information.

**Barcode and Hybrid Magnetic Stripe / Barcode Ticket Technology**
Simultaneous use of magnetic stripe and barcode technology eliminates unreadable tickets. This is an invaluable feature for Central-pay unattended exit operation.
By using barcode technology the preprinted ticket number is matched to the machine issued number for easier auditing and ticket tracking. The magnetic encoding guarantees uninterrupted operation in off-line mode, the barcode part is used in case the magnetic data is damaged.

**Barcode only** technology perfect for the growing demand for fully automated facilities (no unreadable demagnetized tickets)
Integration of multiple parking facilities in a central management location.
The Ethernet TCP/IP communication allows integration in existing small or enterprise networks including wireless and Internet. Connecting the APP3900 system server to Internet allows easy integration of small parking lots into a powerful centralized revenue and access control system which tremendously reduces operational and management cost. APP3000 supports Virtual Private Network (VPN) connection for secure sensitive data transfer.

Powerful access card system
APP3000 provides a very powerful access card system for implementing individual monthly or group parking.
- No limit for the number of cardholders or a maximum physical card number.
- All industry standard proximity card formats are supported and can coexist in a common access system.
- Anti pass back feature for the monthly parkers.
- Carpool/group parking with different restriction criteria – maximum number of vehicles in the garage, group time restriction criteria, group security access criteria, etc.
- Unlimited number of groups and number of group criteria.
- Unlimited numbers of security access levels and time restriction codes for the monthly parkers with easy setup and reporting.
- Prepay (monthly permit) or pay-as-you-go (debit) card operation with magnetic stripe, proximity or AVI hands free access cards. Automatic credit card billing for cardholder accounts.

APP3000 Line of Parking Equipment.

APP3900 Parking Management Server.
- LINUX® OS for ultimate system security and stability
- Provides full control and monitoring of the entire parking facility with installed APP3000

APP3400 Fee Computer.
- 15" touch screen LCD with intuitive user interface and fully customizable layout.
- Automatic rate calculation or manual transaction key-in.
- Automatic parking fees calculation for unlimited time period.
- Unlimited number of rate structures.
Unlimited number of discount validations.
- Accepts payment by cash, credit card, check, charge account and store discount validation coupons.
- Automatic cash drawer.
- Unlimited numbers of employees supported. Password and access rights for each employee.
- Built-in easy to read cashier and manager password protected daily reports.
- On demand detailed reports for past revenue for up to five years back.
- Ticket entrance picture display
- Server software hosting for small garages
- Large backlit graphic LCD screen with programmable, easy to understand messages.
- Reports stolen tickets to the APP 3000 system server for automatic invalidation and tracking.
- Lot full system input and output integration.
- Prints and encodes the issued ticket with: ticket number, date and time of issue, machine number, fee rate, optional discount rate.
- Built-in vehicle and gate counters.
- Options:
  - Separate monthly access card console with reader and customer LCD screen when automatic ticket dispensing is in use - placed 10ft. from APP3100.

APP3200 Exit Station.
- Large capacity ticket storage box for less collection trips holds up to 2,000 tickets.
- Credit card processing
- Thermal receipt printer with high capacity paper roll
- Hotel parking pass
- Hinged top cover opens up allowing easy access to the ticket transporting mechanism.
- Side and top access doors provide easy access to collected tickets and to protected service and wiring panels.
- Thermostat controlled heating and ventilation.
- Weather resistant design.

APP3100 Ticket Dispenser
- Credit card size magnetic stripe tickets, hybrid magnetic/barcode, or barcode only tickets
- Pushbutton or automatic ticket issue. Large, illuminated ticket request button flashing when active.
- Part of a powerful access cards control system with no limit for: maximum physical card number, number of cardholders, security access levels, time restriction codes. Unlimited number of individual and group parking restriction criteria.

APP3800 Pay Station.
- Accepts payment by notes, coins and credit cards.
- Self-replenishing coin system with up to four recycling coin change hoppers.
- Notes change in two denominations (exp. to six).
- Accepted and change notes stored in a secured lockable cassettes.
- Out of change alarms in online mode.
- Meets the ADA and ANSI requirements.
- Easy to read 15” LCD display with detailed instructions. Help demonstration mode available by demand.
- Interactive touch screen user interface for maximum convenience.
- Maintenance free thermal printer with custom receipts. Supports large receipt roll for less maintenance.
- As a part of the APP 3000 system automatically recognizes all recalled tickets eliminating illegal use of back out or stolen tickets.
- Built-in customer service intercom
- Built-in revenue and audit reports.
- Heavy duty steel tamper proof design with intrusion detection alarm.
- Multi-point door locking mechanism.
- Thermostat controlled heating and ventilation.

Options:
- Pay-and-display operation for small parking lots.
- Any combination of cash accepting and dispensing can be accommodated.
- Economic credit card only operation for unattended parking lots.

Credit Card Only Pay Station
- Economic version of the full featured Automatic Pay Station
- Accepts payment by credit cards.
- Multi-point door locking mechanism.
  - Easy for maintenance and service.
  - Maintenance free thermal printer with custom receipts. Supports large receipt roll for less maintenance.
  - Electronic or paper journal.
  - Easy to read 15” LCD display with detailed instructions. Help demonstration mode available by demand.
  - Interactive touch screen user interface for maximum convenience.

Barcode Valet Fee Computer
- 15” Touch Screen LCD with fully customizable screen layout.
- Prints the ticket with entry time and payment information for easy auditing.
- Bar code scanner for reading the ticket number.
- Automatic fee calculation.
- Discount validations by flat amount, time period, percentage, etc.
- Built-in revenue and ticket inventory reports.
- Multifunction EPSON printer with:
  - Fast thermal receipt and reports printing.
  - Slip printing capability for valet ticket processing.
- Storage of revenue and activity data for the lifespan of the system.
- Built-in server software with Web-base user interface.

Pay-and-Display or Pay-by-Space Machine
- Pay-and-Display operation easily readable receipt showing expiration time.
- Pay-by-Space operation with space inventory report
- Cashier-less parking fee payment 24h per day, 365 days per year.
- Accepts payment by banknotes
- Accepts payment by coins
- Credit card processing
- Easy to read LCD display with detailed instructions.
- Vandal proof secure keypad
- Maintenance free thermal printer with custom receipts. Supports large receipt roll for less maintenance.
- Built-in revenue and audit reports.
- Real time clock with rechargeable backup battery.
- Multi-point door locking mechanism.
- Easy for maintenance and service.
- Meets the ADA requirements.
The City of Santa Cruz has had a very good experience with the GMG Systems parking equipment. GMG’s equipment is currently installed in two locations within our City, one at the Santa Cruz Municipal Wharf and another in a downtown parking garage. The Wharf Gate serves, on average, 55,000 parkers per month and we have had virtually no issues with any of the GMG equipment since 2006. The downtown pay stations are working fabulously and we especially like the Web based access capabilities which allows us to manage the parking operation from remote locations.

The proof of a good supplier is in the question, “Would we purchase this equipment again?” And the answer for GMG is an outstanding YES. GMG is a very good firm to work with.

– Marlin Granlund, Parking Program Manager, City of Santa Cruz

UC IRVINE, HEALTHCARE

… “The performance of this new (GMG) equipment has been significantly better than, in fact, outstanding compared to the previous equipment. … all of those previous difficulties went away with the GMG equipment. Their (GMG) equipment, software and their service has been excellent and we are very happy with the entire parking operations management package we acquired from them.” …

HILTON HOTELS, UNIVERSAL CITY

… “And it is my firm opinion that GMG offers some of the finest equipment and parking systems on the market today. Their equipment is very high quality, very durable, very easy to maintain and very easy to use. Compared with other equipment, we have had very few repair or service incidents.”

SANFRANCISCO PARKING OPERATOR

“The (GMG) parking equipment is simple to use, cost effective and the 2 year warranty stands out over other parking equipment manufacturers.”

GMG Systems, Inc.
14439 Catalina Street
San Leandro, CA 94577
Tel/Fax: 888-464-7978
888-GMG-SYSTEMS
sales@gmgsys.com www.gmgsys.com

Presented By:

Java™ is a trademark or a registered trademark of Sun Microsystems, Inc. in the United States and other countries. LINUX® is a registered trademark of Linus Torvalds.

Quality, reliability, technical superiority... bulletproof solutions