TIBA
PARKING SYSTEMS

Modular Components

Superior Technology

Flexible Software

Validation Solutions

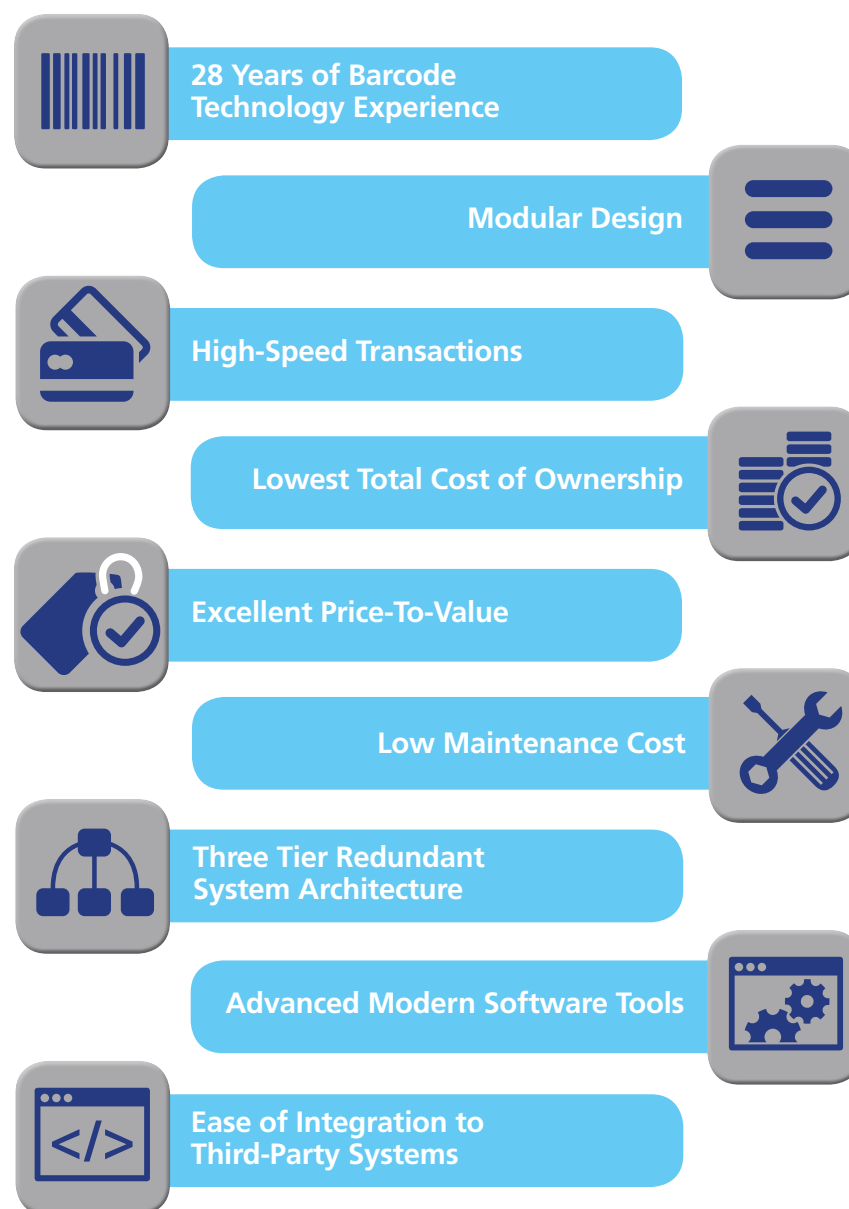Stickers   eValidation   iValidation

TIBA Parking Systems

The TIBA Advantage

TIBA Parking Systems breaks the mold with our innovative parking solutions and emerging technologies. With 28 years of experience in Barcode technology, TIBA is a global market leader, catering to customers from such diverse industries as Airports, Universities, Shopping Centers, Municipalities, Medical Centers, High Security Facilities and more. Built with exceptional and intuitive design TIBA is focused on our clients' efficiency and profitability, maximizing ROI in less time.

Customers count on TIBA for the most reliable equipment in the market that performs longer and with less maintenance. TIBA's robust, open architecture system is highly scalable and based on modern software tools. Our system can quickly and easily address interface requirements, whether LPR or AVI hardware; general ledger, hotel and university systems software; or emerging technologies such as online reservations systems, mobile payments systems, chip & pin and NFC. Smart tools for easy integration means lower cost and quicker time for implementation and time-to-market.

We hold ourselves to high standards for accountability and efficiency, and our clients agree.

TIBA is uniquely positioned to help customer's bridge the gap from the existing, traditional PARCS processes to a broader business system, anticipating and interfacing with emerging technologies, supporting automated facilities, new payment methodologies and centralized operations. **TIBA... It just works!**

- 28 Years of Barcode Technology Experience
- Modular Design
- High-Speed Transactions
- Lowest Total Cost of Ownership
- Excellent Price-To-Value
- Low Maintenance Cost
- Three Tier Redundant System Architecture
- Advanced Modern Software Tools
- Ease of Integration to Third-Party Systems

TIBA PARKING SYSTEMS

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Airports

- Big Systems and Megaprojects
- Long term, short term parking
- Car Rental

Valet

- One combined system for self and valet parking
- Fast processing and ease of entry
- Optimized revenue
- First class service

Medical Facilities

- Cater to diverse client types and high volume
- Multi-entry pass, especially for patient visitors.

Central Management

- Client-Server architecture to monitor and control from a single location
- Variety of modules for processing and management.

Universities

- Meet complexities of educational complex
- Integration with student systems for debiting and student access
- Mobile, contactless, fast and straightforward solutions.

Government & High-Security Facilities

- Full access control and monitoring with LPR and SmartPark
- Ticket/card readers open secure doors from the parking facility to main building.

Mixed-Use Facilities

- Flexible for diverse properties and populations
- Tight revenue controls
- Positive customer experience

Convention Centers

- Fast processing accommodating high visitor volume
- Visitor analysis

Shopping Centers

- Durable components and dependable life cycle for high volume retail properties
- Validations customized for each retail outlet

Event Parking

- Interface to event management systems
- LPR, fast printing and automatic payment to prevent congestion
- Customizable for VIP cards and ticket entry
- Pre-validation options for guests and VIPs

Hotels

- Overnight, event and visitor self-parking parking, valet, park-&-fly
- Access with traditional hotel key cards and new MIFARE proximity cards
- Online or offline options
- Positive guest experience
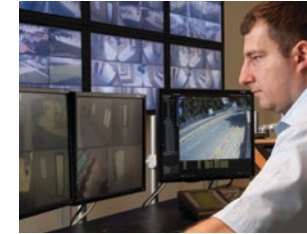
Municipalities

- Credit card, mobile pay services and pay by phone for more revenue tracking and monitoring
- Scalable system to support hundreds of facilities
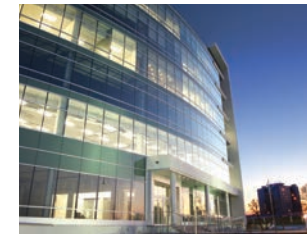- Flexible to provide the best service for your entire city

TIBA PARKING SYSTEMS

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Products

- Fully Customizable Panels for Colors and Logos
- TFT Color Hi-Res Display
- Rugged Stainless Steel Construction
- RFID Proximity Card/AVI, Mag-Stripe, LPR, Smart Card
- Loop Detector
- Minimal Maintenance

MP – 30 ENTRY TERMINAL

SW – 30 EXIT TERMINAL

VPS – 30 VEHICLE PAY STATION

APS – 30 AUTOMATIC PAYMENT STATION

CPS – 30 CREDIT PAYMENT STATION

CASHIER TERMINAL

Entry Terminal MP-30

- Barcode printing, for cost efficiency and less maintenance
- Up to 5,000 tickets capacity
- QR barcode scanner for reservations and pre-paid parking
- Analog, Digital or VOIP intercom substation
- Card readers for monthly parkers, hotel guests, value cards and credit card users

Exit Terminal SW-30

- EMV-compatible card reader with dual interface for chip and magnetic stripe card reader for credit card payment
- Card readers for monthly parkers, hotel guests, value cards and credit card users
- Motorized barcode ticket reader to process and ingest tickets
- QR barcode scanner for reservations and pre-paid parking
- Digital or VOIP intercom substation
- Receipt printer

Vehicle Pay Station VPS-30

- Motorized barcode reader to process tickets
- EMV-compatible card reader with dual interface for chip and magnetic stripe card reader for credit card payment
- Receipt printer
- Bill acceptance
- Bill dispensing up to 3 different banknotes
- Separate access to cash and ticket unit for greater security
- Card readers for monthly parkers, hotel guests, value cards and credit card users
- Analog, Digital or VOIP intercom substation

Automatic Payment Station APS-30

- Motorized barcode reader to process tickets
- EMV-compatible card reader with dual interface for chip and magnetic stripe card reader for credit card payment
- Coin and bill acceptance
- Dispenses up to 3 different banknotes
- Secured electronic and mechanical locking mechanism
- Analog, Digital or VOIP intercom substation

Credit Payment Station CPS-30

- Motorized Barcode reader to scan and process tickets
- EMV-compatible card reader with dual interface for chip and magnetic stripe card reader for credit card payment
- Monthly account payments

Cashier Terminal

- Based on embedded technology
- EMV-compatible card reader with dual interface for chip and magnetic stripe card reader for credit card payment
- Remote fee display
- 18 dedicated validation keys, 99 additional validation accounts
- Cashiers management; Login by password or employee swipe card
- Controls up to 4 lanes
- Easily integrates with management software
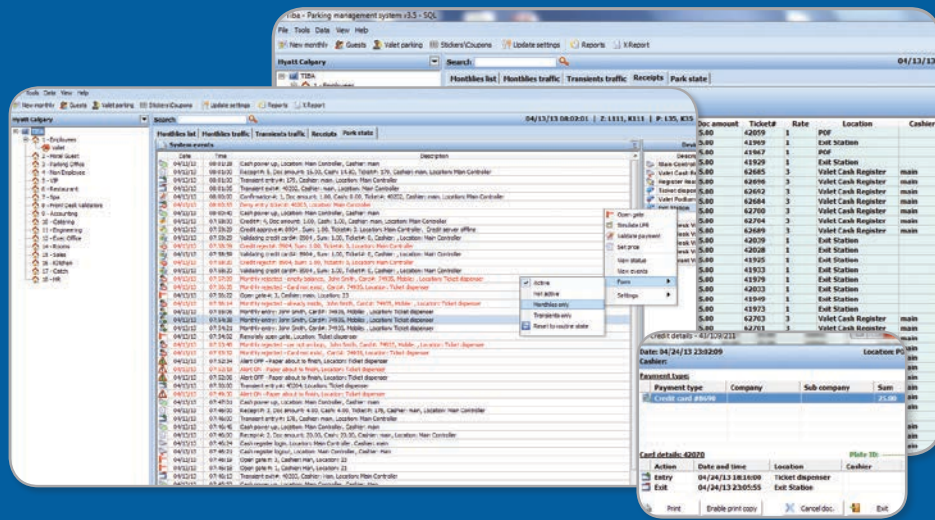- LPR Integration
- Resets in 4 second

TIBA PARKING SYSTEMS

*Not all features are available or standard in all regions.
Check with your local sales person for availability*

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SmartPark Management Software

Secure Real-Time Monitoring and Control

Comprehensive Revenue Management
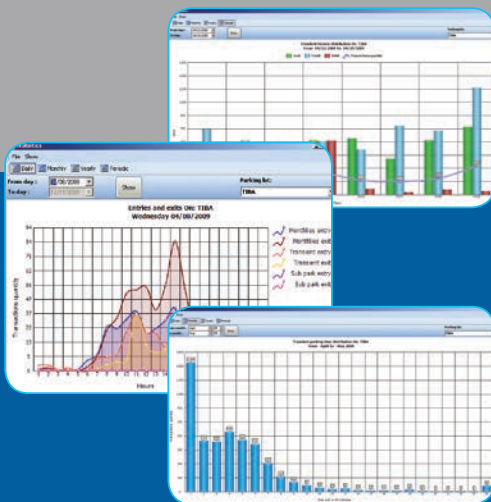
Access Control with Integrated LPR

Extensive Validation Solutions including eValidations

Compliant with PCI Security Council Standards

Integrated Accounts Receivable

SmartValet is your turn-key valet solution for off-site valet parking, valet-assist within a garage and front door hotel applications. SmartValet fully integrates valet parking and self-parking effectively and affordably, and tracks attendants, vehicles, revenue and overnight hotel guest parking.

Valet Parking

HotelConnect is a seamless interface with the hotel property management system (PMS). The hotel authorizes parking at the front desk and ensures that the guest is billed. The guest can then enter and exit the facility with a room key. TIBA systems also work with the new RFID room keys.

Hotel Guest Solutions

LPR Connect is your value-added license plate recognition solution. LPR Connect is reliable, affordable and seamlessly integrates with Smartpark. LPR Connect is an excellent choice for airports, office buildings, shopping malls, mixed-use developments and universities.

LPR Connect

Pre-Paid Parking Reservations is one of the fastest growing programs in the industry. Whether you use a pre-paid service or have your own ecommerce website, TIBA can seamlessly integrate pre-paid web reservations with a single TIBA PARCS system location or an entire city.

Pre-Paid Parking Reservations

TIBA's frequent parker program allows owners to give patrons reward points for utilizing their facility(s). The system is configurable to award points based on elapsed time or dollars spent in the facility. The **Loyalty Program** is web based and is branded with specific company information.

Loyalty Programs

Metropolitan areas throughout North America are introducing **Pay-By-Phone** as a payment option for parking fees. The system works by pre-paid reservation or a central payment option.

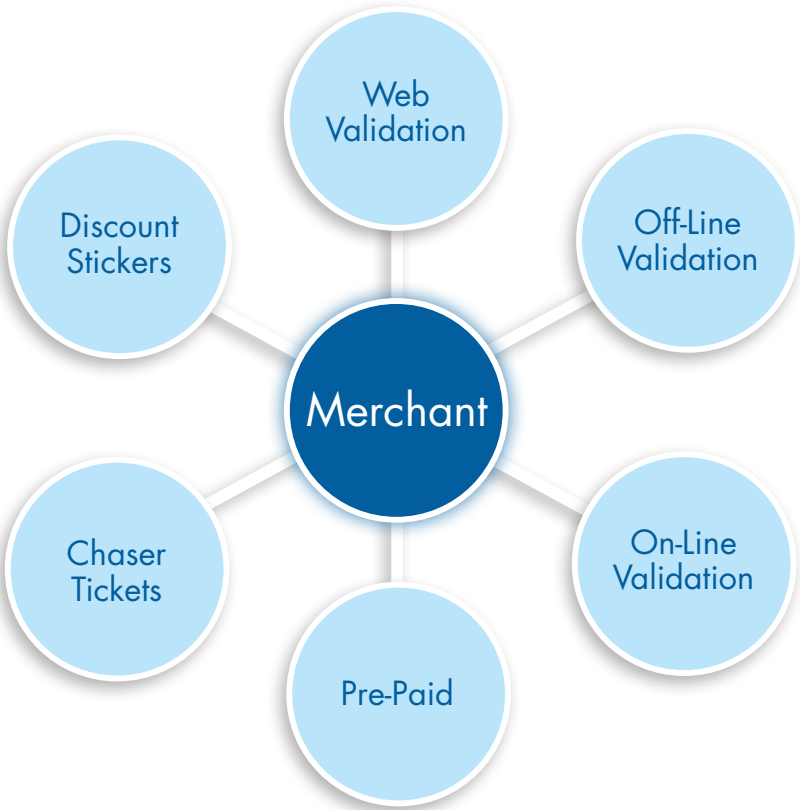## Pay-By-Phone

TIBA PARKING SYSTEMS

Validation
Solutions

License Plate
Recognition

TIBA SmartPark offers a wide range of intelligent validation solutions. In SmartPark, merchant accounts and sub-accounts are created in the database. An unlimited amount of merchant accounts can be created in SmartPark.

Now with **License Plate Recognition (LPR)** each vehicle is connected to the parking ticket received upon entering the parking facility. LPR gives parking managers and operators tight control over all the different populations passing through the parking facility gates, directly resulting in:
- Increased revenue collection
- Increased traffic throughput
- Determination of exact duration of visit in case of lost ticket
- Enhanced customer satisfaction
- Efficient carpool management
- Reduced CO_2 in garage

Greater Security
- Decrease fraud attempts
- Create blacklist of license plates to automatically trigger system, alerting the operator via mobile device or control screen
- Various notifications for security or VIP

Operator Assist Tool
- Tool to help operator determine action when ticket inserted at the Exit station does not match vehicle.
- Ticket is held in exit verifier and customer cannot retrieve ticket or proceed with further action while a message is sent to the operator who gets all information about ticket and license plate for quick decision making
- Operator can bill violator and close the transaction properly

Merchant diagram
- Web Validation
- Off-Line Validation
- On-Line Validation
- Pre-Paid
- Chaser Tickets
- Discount Stickers

Stickers   eValidation   iValidation

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Single Spot Guidance System
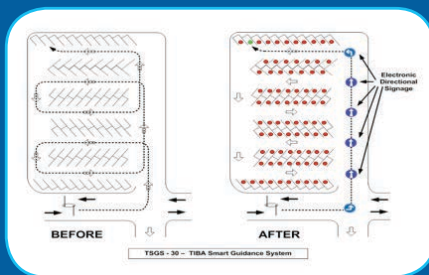

Customization Options

TSGS, TIBA's highly advanced parking guidance system leads drivers to vacant parking spots, saving time and creating a positive and efficient experience for drivers. TSGS gives operators greater control of their facilities providing traffic flow optimization and increased capacity utilization insuring that all parking spaces are occupied before closing any parking zones. The Single Spot Guidance System's sophisticated technology is comprised of ultrasonic sensors that trigger red/green lights indicating available and occupied spaces. The message is communicated to the management server, which updates the electronic traffic signage accordingly, and guides the driver to the closest vacant space.

TSGS is a custom-tailored solution for driver guidance for parking garages in office buildings, hotels, airport parking, medical center, mixed-use developments and more. TSGS can operate as a stand-alone unit or with management and monitoring software.

With TSGS, operators can:
- Monitor and control in real-time all aspects of the facility by level, garage occupancy and up to a single space
- Receive software alerts for vehicles parked for longer than a given-time, vehicles currently in transit, and broken down vehicles occupying the facility
- Collect and process all vehicle transition information and update electronic signs accordingly
- Control variable message signs (VMS), available spaces signs, directional and end-of-aisle signs; additionally, the software supports file-server sharing of occupancy data with city way-finding electronic signage system
- Generate reports & statistics
- View customer floor plans that can be embedded in software

Equipment Built Your Way

TIBA equipment is built your way, customized to your company requirements and design needs. With TIBA customization options, companies receive a custom product tailored to specifications. For example: equipment with or without coins, bill dispenser or bill recycler, additional validation options, custom graphic panels and many other options.

Customized Panels
- Logo imprinted directly on panel
- Emphasize specific actions related to the customer interaction with equipment as required by the operational needs
- Create distinctiveness for buildings and spaces, creating a consistent look and feel with company colors and logos
- Eliminate any unused features

Customized Tickets
- Customized printing on entry tickets such as free text, logo, QR code, special instructions and more
- Customized receipt design
- Confirmation of visitor's reservation information printed on the entry ticket
- Flexibility of custom printing on either Fanfold or paper roll tickets
- Variety of different commercials or coupons can be pre-printed on the back of the ticket

Customized Screens
- Customize text to apply to specific operations
- Logo or company colors on screen
- Custom theme on equipment screen for a distinctive appearance

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