



At Aakash Systems, we provide practical, reliable solutions that make everyday access simpler, safer, and more efficient.



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**Smart  
Access &  
Entry  
Solutions**

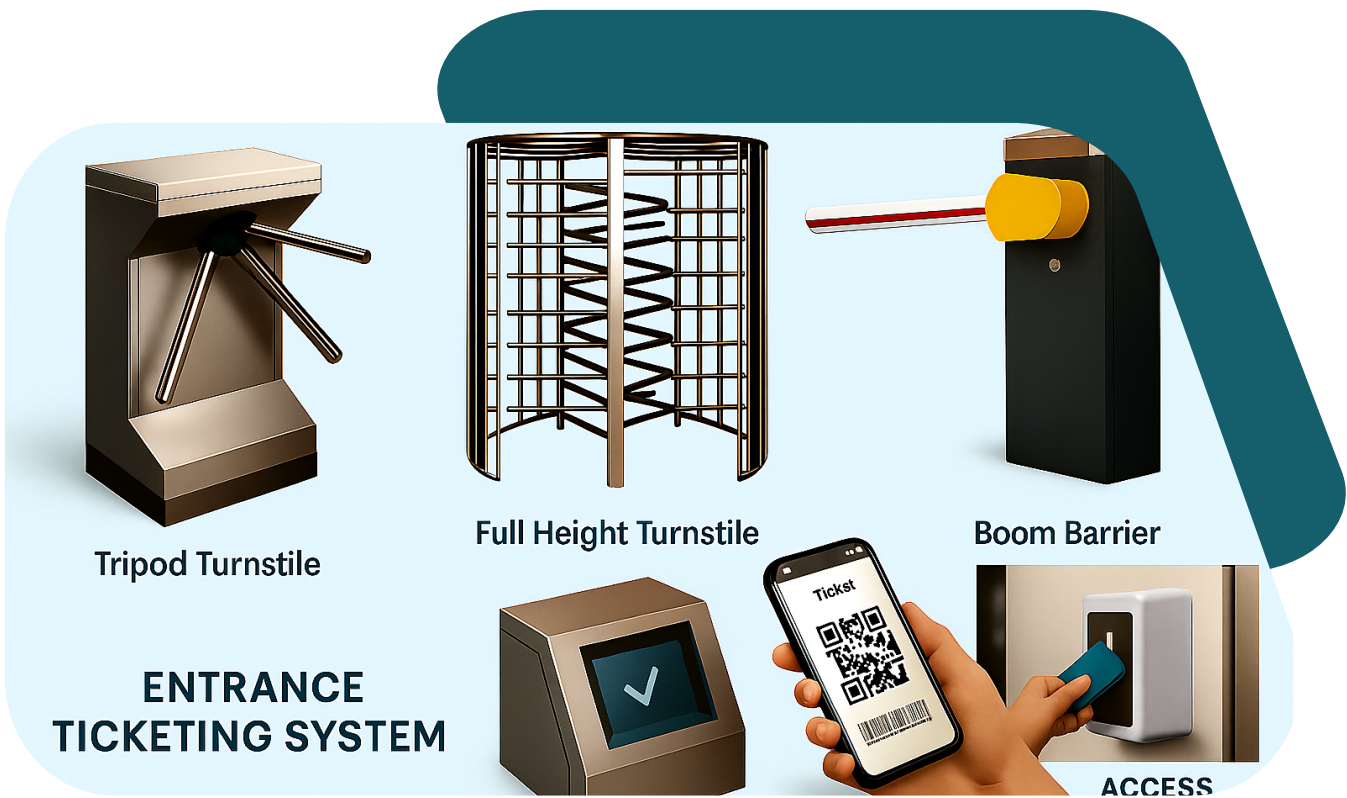
[www.aakashsystems.in](http://www.aakashsystems.in)

# COMPANY PROFILE

Aakash Systems. is a pioneering provider of Entrance Control and Ticketing Automation Systems, committed to delivering smart, secure, and scalable access solutions. With a focus on quality engineering and customer-centric innovation, we empower organizations to manage entry points with efficiency and confidence.

We specialize in the design, manufacturing, and integration of cutting-edge access control products such as Boom Barriers, Turnstiles, Tripod Gates, Exit Gates, and Customized Entry Solutions. Our products are engineered for reliability and performance across diverse environments including corporate campuses, industrial facilities, educational institutions, transport terminals, amusement parks, and public infrastructure.

At Aakash Systems, our in-house R&D and skilled technical team ensure seamless customization, system compatibility, and long-term support. Our solutions are designed to be user-friendly, energy-efficient, and compliant with modern safety standards, making them ideal for both indoor and outdoor deployments.



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# ABOUT US

At Aakash Systems , we design smarter ways to manage movement of people, vehicles, and crowds. With years of experience in access control and ticketing technologies, we offer practical, dependable systems tailored to real-world needs.

From office buildings and industrial gates to public spaces and transport terminals, our solutions are built to simplify entry without compromising on safety. What makes us different is our ability to combine strong technical know-how with a genuine focus on what our clients need on the ground.



# OUR PRODUCTS

At Aakash Systems, we design and manufacture robust entrance control systems built for performance, durability, and ease of use. From high-traffic pedestrian zones to secured vehicle entries, our products are tailored to meet the evolving demands of modern infrastructure.

All our systems are engineered to integrate seamlessly with access control devices such as RFID, barcode, magnetic and smart card technology.

## Our Product Range

### Hardware Solutions

1. Tripod Turnstile Systems
2. Full Height Turnstiles
3. Half Height Turnstiles
4. Boom Barrier Gates
5. Mechanical Exit Gates
6. Flap Barriers

### Software Solutions

1. Entrance Ticketing System
2. Access Control System
3. Parking Management System

# 1. Tripod Turnstile Gates

Smart Control. Compact Design. Secure Passage

Aakash Systems' Tripod Turnstile Gates are a trusted solution for managing pedestrian flow in areas that demand secure yet user-friendly access control. With their sleek structure and robust performance, these gates regulate one-person-at-a-time movement ideal for both indoor and semi-outdoor environments.

## Key Features:

- Enables secure access at entry and exit points
- Restricts passage to one person per cycle
- Unlocks via signal from access control panel or remote switch
- Smooth and low-maintenance mechanism
- Ultra-low power consumption
- Compact, weather-resistant, and tamper-proof structure
- Available in stainless steel (SS) or powder-coated mild steel (MS)
- Supports uni-directional or bi-directional access
- Built-in intelligent logic for reliable performance
- Optional LED direction indicators and counter integration

## Applications:

- Office buildings & reception areas
- Schools, colleges, and libraries
- Fitness centers, amusement parks, & museums



# 2. Full Height Turnstiles

Maximum Security. Controlled Access. Rugged Design

Aakash Systems' Full Height Turnstiles are designed to provide high-level security and robust access control in sensitive or high-risk zones. Constructed with industrial-grade materials, these turnstiles offer complete 360° rotation and are built to withstand both outdoor environments and continuous operation.

## Key Features:

- Full-body barrier prevents tailgating and unauthorized entry
- Rugged steel construction, corrosion-resistant finish
- 120° or 90° segmented rotor options
- Bi-directional or uni-directional operation
- Integrates seamlessly with access control devices: RFID, biometrics
- Electromechanical or motorized options available
- Smooth and silent operation with low power consumption
- Emergency fail-safe/fail-secure settings for evacuation scenarios

## Applications:

- Industrial premises and factory gates
- Stadiums and event arenas
- Metro and transport terminals
- Defense zones and data centers





### 3. Half Height Turnstiles

#### Streamlined Access Control with a Sleek Footprint

Aakash Systems' Half Height Turnstiles are designed to balance aesthetics, space efficiency, and access control reliability. These waist-level barriers are ideal for indoor and semi-outdoor applications where fast and smooth pedestrian movement is essential without compromising on security.

#### Key Features:

- Compact and elegant design suited for high-traffic zones
- Allows passage to one person at a time, reducing tailgating
- Rugged stainless steel or powder-coated body for durability
- Maintenance-free electromechanical drive
- Bi-directional or uni-directional operation
- Compatible with all access control methods: RFID, barcode, biometric, QR code, keycards
- Integrated control board with logic processing
- Optional LED indicators and counter module
- Fail-safe (free rotation) or fail-lock (locked) modes in case of power failure

#### Applications:

- Corporate and office lobbies
- Schools, colleges, and training centers
- Fitness clubs and recreational venues
- Libraries, public buildings, and event spaces
- Small-scale industrial or administrative buildings



### 4. Boom Barrier Systems

#### Reliable & Intelligent Vehicle Access Management

Aakash Solutions' Boom Barrier Systems are engineered with galvanized steel and finished with RAL 2004 polyester-based paint, ensuring exceptional durability even in harsh environments such as coastal, industrial, or high-wind areas. For enhanced resilience, stainless steel variants are also available. The barriers are adaptable to all modern access systems and include advanced obstacle detection features.

#### Key Features:

- Operates with Barcode, Proximity Cards, Magnetic & Smart Cards, Key Tags
- Structure built from galvanized steel or Stainless steel
- Optional tubular arm for high-wind areas
- Adjustable speed and approach settings for smooth control
- Built-in obstacle detection ensures immediate reversal/stop of boom movement
- Powered entirely at 24V DC for enhanced safety and reliability

#### Applications:

- Gated Residential Communities
- Industrial and Commercial Entry Points
- Public and Private Parking Lots
- Airports, Hospitals, and Government Facilities



## 5. Mechanical Exit Gates

### Reliable Egress with Zero Power Dependency

Aakash Systems' Mechanical Exit Gates are designed to offer a smooth and secure one-way passage perfect for exit points where electronic control isn't necessary. These gates provide controlled flow with minimal maintenance and no electrical dependency, making them an efficient solution for unattended exit lanes.

#### Key Features:

- One-way mechanical gate arm for controlled exit flow
- No electricity or external power required purely mechanical operation
- Rugged construction with corrosion resistant materials (MS or SS options)
- Soft-return spring mechanism ensures smooth closing after every use
- Can be integrated with manual override or mechanical key release if needed
- Easy installation and virtually maintenance-free
- Optional signage or branding panels available on request

#### Applications:

- Supermarkets and retail store exits
- Libraries and public institutions
- Museums, exhibition halls, and ticketed venues
- Staff-only or restricted area exits
- Gymnasiums, clubs, and educational institution



## 6. Flap Barrier

### Seamless Access with Intelligent Speed and Style

Aakash Systems' Flap Barrier Gates combine high-end design with intelligent security control. Ideal for areas that require elegant aesthetics without compromising on safety, these gates offer quick and controlled passage while ensuring only authorized individuals are allowed access.

#### Key Features:

- Rapid opening and closing flaps for high traffic flow
- Designed for bi-directional movement with controlled entry/exit
- Integrated with RFID, biometric, barcode, QR code, or facial recognition systems
- IR sensors for accurate presence detection and anti-tailgating control
- Audible and visual alerts for unauthorized access or intrusion
- Auto-close function with adjustable time settings
- Housing available in stainless steel with smooth satin finish
- Low noise and smooth operation
- Fail-safe/fail-secure modes during power failure

#### Applications:

- Corporate offices and IT parks
- Airports, metro & railway stations
- Government buildings and public institutions
- Colleges, universities, and schools
- Exhibition centers, museums, and conference halls





# SOFTWARE SOLUTIONS

## 1. Entrance Ticketing System

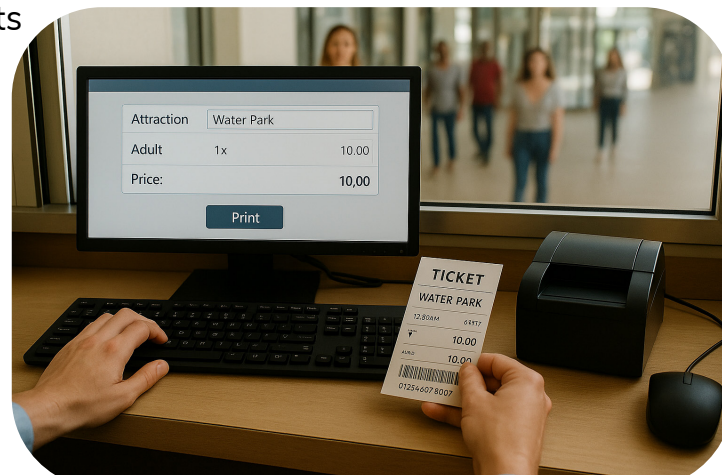
Smart Ticketing for Seamless Visitor Experience

### Key Features:

- QR code & barcode-based ticketing (print & mobile support)
- Integration with flap barriers, turnstiles, and scanners
- Online & on-site ticket generation
- Real-time validation and usage tracking
- Admin dashboard for managing events, pricing, and occupancy
- Custom ticket branding and slot-based control
- Supports payment gateways for online booking
- Alerts for expired or duplicated tickets
- Daily reports, analytics, and visitor statistics

### Ideal For:

- Tourist attractions & heritage sites
- Amusement & theme parks
- Zoos, aquariums, and museums
- Trade shows, exhibitions, and ticketed events



## 2. Access Control System

Secure, Scalable, and Smart Entry Management

Aakash Systems' Access Control System provides end-to-end management of personnel movement across your premises. Designed for scalability, it integrates with hardware like turnstiles, flap barriers, boom barriers, and biometric devices to enforce secure, real-time access across multiple entry points.

### Key Features:

- Supports RFID, PIN, and QR-based access
- Role-based user authentication with scheduling & time restrictions
- Centralized control panel with real-time monitoring
- Integration with attendance, visitor management & elevator control
- Multi-door and multi-site management
- Auto-lock/unlock rules, alerts, and audit trail logging
- Web and desktop-based admin dashboards
- Fail-safe operation with data backup in case of network failure
- Optional SMS/email notifications on unauthorized access

### Ideal For:

- Corporate offices & industrial premises
- Schools, colleges, and universities
- Hospitals, labs, and research facilities
- Government and defense installations
- Co-working spaces, hotels, and housing societies.



## 3. Parking Management System

Smarter Parking. Better Traffic Flow. Enhanced Security

Aakash Systems' Parking Management System is an intelligent, automated platform designed to optimize vehicle movement, monitor occupancy, and enforce access control in parking facilities. Whether it's a gated complex or a multi-level parking lot, our system ensures seamless entry, exit, and revenue management with real-time visibility.

### Key Features:

- Automated vehicle entry using RFID tags, ANPR (license plate recognition), or QR codes
- Integration with boom barriers, ticketing systems, and access control hardware
- Role-based access for staff, visitors, and VIPs
- Time-based or flat-rate billing support
- Seamless integration with payment gateways (online/offline)
- Web-based control dashboard and reporting tools
- Alerts for overstays, blacklisted vehicles, or tailgating

### Ideal For:

- Shopping malls and commercial complexes
- Corporate office campuses
- Airports, railway & metro stations
- Hospitals and educational institutions
- Gated societies and public parking spaces



## OUR SERVICES

At Aakash Systems, we don't just deliver products we provide complete solutions. Our service offerings are designed to cover the entire lifecycle of your access automation and software systems from planning and installation to support and upgrades. Whether you need a turnkey setup or tailored integration, we ensure every solution works exactly the way you need it to.

### What We Offer:

#### Site Assessment & System Design

We study your location, use-case, and security needs to design optimal access flow and system architecture.

#### Hardware Installation & Setup

Our certified engineers handle the installation of barriers, gates, turnstiles, and sensors with precision.

#### Software Deployment & Integration

Seamless deployment of ticketing, access control, parking, and POS software customized to your environment.

#### System Upgrades & Expansion

Scalable systems that grow with you easily add more devices, locations, or functionalities later.

#### AMC & Technical Support

Flexible Annual Maintenance Contracts, on-call support, and remote diagnostics to keep your systems running 24/7.