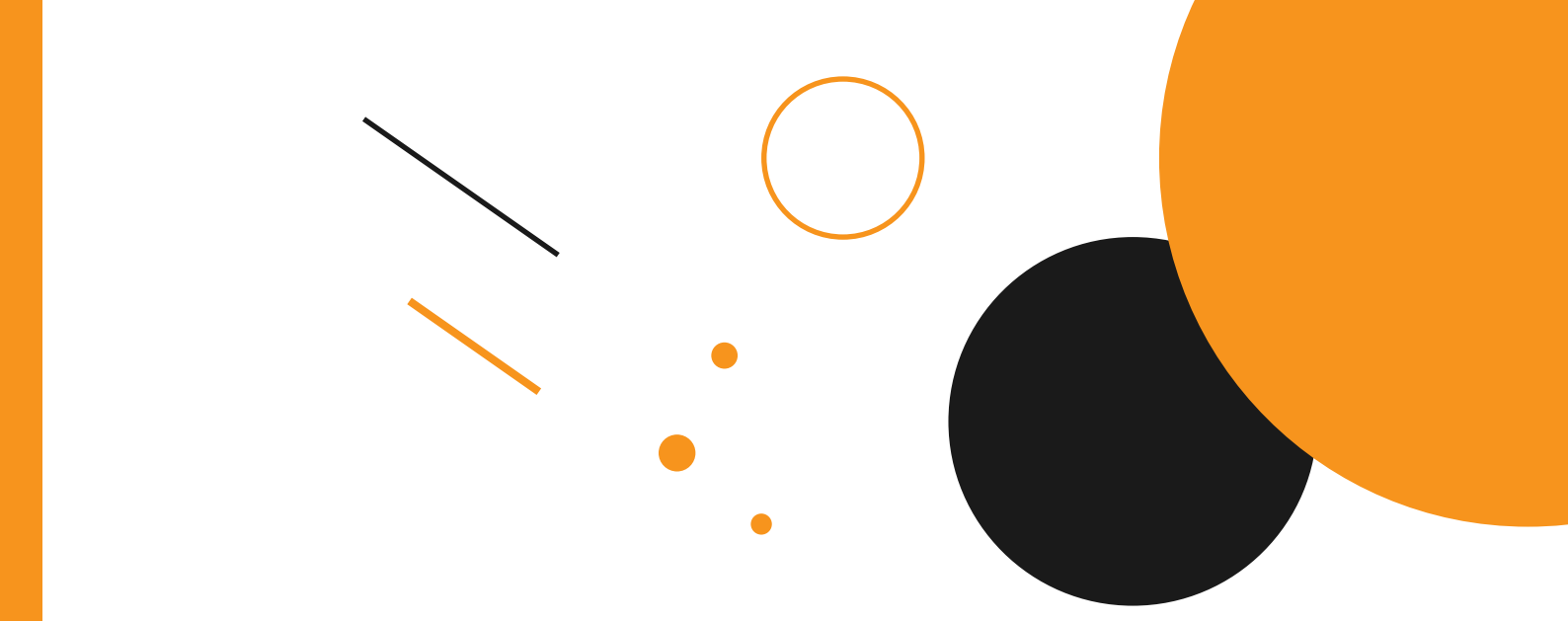




AUTOMATION · SECURITY · ACCESS CONTROL

PRANN

SYSTEMS



**Boom
Barriers**



**Pedestrian
Access**



**Parking &
Access**



**Surveillance
& Security**

Smart Automation · Reliable Security · Future-Ready Solutions

ABOUT US

Who We Are

At **PRANN Systems**, we deliver smart, reliable, and future-ready automation and security solutions designed to simplify modern infrastructure management.

We specialize in parking management, access control, RFID automation, boom and flap barriers, vehicle tracking, and integrated security technologies for commercial, residential, industrial, and institutional environments.

From consultation and system design to installation, integration, and after-sales support — we provide customized solutions tailored to client requirements with quality execution at every stage.

Our mission is to help businesses move towards smarter, safer, and more automated environments — because technology should not only secure spaces but also improve efficiency, convenience, and control.

100+



Projects Delivered

10+



Years of Expertise

5+



Industries Served

OUR MISSION



To simplify infrastructure with smart, secure, and automated solutions that improve efficiency and convenience.

OUR VISION



To be a trusted partner in next-generation automation — making every space smarter, safer, and future-ready.

Smart automation · Reliable security · Future-ready solutions for every space.

WHY CHOOSE US

Why Choose PRANN

▶ Smart & Innovative Automation

Latest tech for smart, efficient, hands-free operations.

▶ Reliable Security Integration

Robust systems trusted across industries and environments.

▶ Customized Project Execution

Solutions tailored to every site, scale, and use case.

▶ Professional Technical Support

Skilled team for installation, integration, and AMC.

▶ Scalable & Future-Ready Systems

Designed to grow and adapt with evolving needs.

▶ Quality & Client Satisfaction

Premium hardware paired with end-to-end accountability.

▶ End-to-End Solution Provider

Single partner for design, supply, installation, and AMC.

▶ Fast Installation & Deployment

Disciplined timelines and quick go-live for every site.

▶ Industry-Focused Customization

Tailored hardware, software, and workflows by sector.

▶ Energy Efficient & Intelligent Systems

Low-power equipment with smart automation logic.

▶ Continuous Innovation & Tech Upgrades

Latest RFID, biometric, and IoT-driven automation.

TRUSTED ACROSS SECTORS



Commercial



Residential



Industrial



Institutional



Hospitality



Transport



24/7

Support



AMC

Available



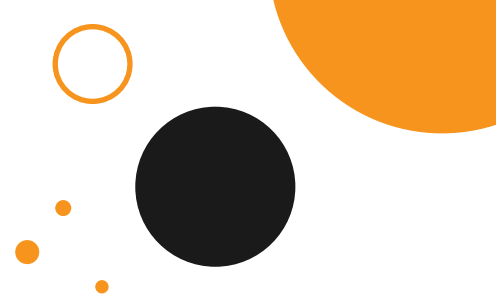
PAN-INDIA

Service

Built on trust. Driven by innovation. Backed by professional service.

WHAT WE OFFER

Our Products



VEHICLE ACCESS CONTROL

- ▶ Automatic Boom Barriers
- ▶ Automatic Sliding Gates
- ▶ Automatic / Manual Swing Gates
- ▶ Retractable Gates
- ▶ Under Vehicle Surveillance (UVSS)

PEDESTRIAN ACCESS

- ▶ Flap Barriers
- ▶ Tripod Turnstiles
- ▶ Full Height Turnstiles
- ▶ Automatic Sliding Glass Doors
- ▶ Automatic Swing Glass Doors
- ▶ Shutter Doors

TECHNOLOGY HIGHLIGHTS

 **DC Motor**

 **Anti-Crush**

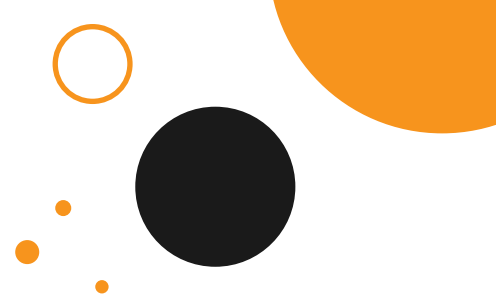
 **Loop Detect**

 **Battery Backup**

Hardware engineered for high-traffic environments and seamless integration.

WHAT WE OFFER

Our Products



ACCESS CONTROL & IDENTIFICATION

- ▶ **RFID Readers**
- ▶ **UHF Readers**
- ▶ **Access Readers**
- ▶ **Access Controllers**
- ▶ **Biometric Access Control**

PERIMETER & DETECTION

- ▶ **Bollards**
- ▶ **Road Blockers**
- ▶ **Tyre Killers**
- ▶ **Crash Barriers**
- ▶ **Door Frame Metal Detectors**
- ▶ **Hand Held Metal Detectors**

TECHNOLOGY HIGHLIGHTS



IP54+ Rated



ANPR Ready



Anti-Tailgate



Multi-Auth

Identification, detection, and perimeter defense for end-to-end security.

WHAT WE DELIVER

Our Solutions

Parking Management & Guidance



Automated parking with RFID, ticketing and barrier control, plus real-time slot sensors and directional guidance.

Warehousing Automation



Smart inventory tracking, automated gates and RFID-based logistics for efficient, secure warehouse operations.

Toll Management



FASTag, RFID, and ANPR-based automated toll collection with high-throughput barrier control and analytics.

Access & E-Ticketing



Integrated access control with digital ticketing for events, transit hubs, stadiums, and high-traffic venues.

Visitor Management



Pre-registration, check-in, badge printing, and full audit trails for secure visitor flow across sites.

Highway Management



Toll plazas, lane control, ITS integration, and incident monitoring built for modern highway operators.

Traffic Management



Signal optimization, lane control, and bollard-based flow for safer, smoother urban traffic movement.

Custom IoT Solutions



Tailored automation engineered around your operational, security, and integration requirements end-to-end.

WHERE WE DELIVER



Smart Cities



Highways



Toll Plazas



Warehouse

Smart, automated, and scalable solutions for every space.

FEATURED PRODUCT

Boom Barriers



NITRO X

ULTRA-FAST

SPEED 0.6 – 4 sec adjustable

ARM LENGTH Up to 4.0 m

MOTOR DC 24V Planetary

POWER 110/220V AC or 24V DC, 200W

PROTECTION IP44 · Temp –35°C to +80°C

MTBF 10 million cycles

REMOTE ≤ 50 m range

Best for: Toll plazas, railway crossings, high-traffic lanes



NITRO S

FAST · 24×7

SPEED 0.9 – 6 sec adjustable

ARM LENGTH Up to 4.5 m

MOTOR DC 24V Planetary

POWER 110/220V AC or 24V DC, 200W

PROTECTION IP44 · Temp –35°C to +80°C

MTBF 10 million cycles

REMOTE ≤ 30 m range

Best for: Commercial parking, industrial entrances

Engineered for high-traffic toll lanes, parking, and 24×7 commercial sites.

FEATURED PRODUCT

Boom Barriers



NOVA

SMART · SERVO

SPEED 1.5 – 6 sec adjustable

ARM LENGTH Up to 6.0 m straight

MOTOR 24V DC Brushless Servo

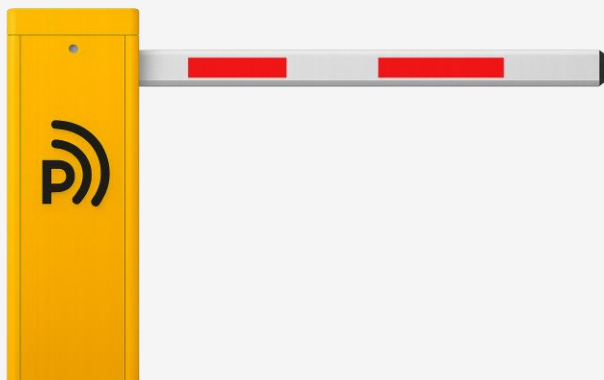
POWER 220V AC $\pm 10\%$, 150W

PROTECTION Temp -40°C to $+80^{\circ}\text{C}$

MTBF ≥ 3 million operations

FEATURES Soft start/stop, anti-crash, RFID

Best for: Smart parking, societies, malls, hospitals



APEX

STANDARD

SPEED 3 – 6 sec

ARM LENGTH Up to 6.0 m straight

MOTOR Die-cast aluminium alloy

POWER 220V AC, 200W

PROTECTION IP54 · Temp -35°C to $+60^{\circ}\text{C}$

MTBF 2.5 million cycles

FEATURES Auto-close, manual release, R/G light

Best for: General commercial & industrial entrances

Smart parking, societies, and general commercial installations.

FEATURED PRODUCT

Tripod Turnstiles



ELITE T5

PREMIUM

STRUCTURE Stainless Steel 304

MECHANISM Solenoid-driven, anti-shock

DIRECTION Bi-directional / Single

THROUGHPUT 30 persons / minute

INTEGRATION Card · QR · Biometric · Face

POWER AC 110–240V · DC 24V

MTBF ≥ 5 million cycles

Best for: Premium offices, hotels, malls, corporate lobbies



ASTRA T7

SMART · IP65

SIZE 380 × 280 × 1000 mm — compact

DIRECTION Two-way / One-way working

INDICATOR Green & Red LED passing status

PROTECTION IP65 — indoor / outdoor use

FAIL-SAFE Arms drop down automatically

AUTH METHODS Card · QR · Fingerprint · Face
· Palm

WARRANTY 3 years · low-noise · low-power

Best for: Factories, gyms, schools, transit hubs

Pedestrian access engineered for security, durability and seamless integration.

FEATURED PRODUCT · TRIPOD TURNSTILES

Tripod Turnstile



CORE T2

COMPACT · INDOOR/OUT

POWER AC 220V/110V · 60W

FLOW 25–48 passages/minute

MATERIAL SUS304 (SUS316 option)

MECHANISM Semi-auto electromagnetic

PROTECTION IP54 · –28°C to 80°C

MCBF 5M cycles (8M brushless)

DIMENSION 420×330×980mm + 500mm arm

WEIGHT 45 kgs · 2-year warranty



CORE T1

BRIDGE · HIGH-VISIBILITY

TYPE Bridge Type · High-Visibility

POWER AC 220V/110V · 60W

FLOW 25–48 passages/minute

MATERIAL SUS304 (SUS316 option)

MECHANISM Semi-auto electromagnetic

PROTECTION IP54 · Indoor / Outdoor

MCBF 5M cycles (8M brushless)

DIMENSION 1200×280×980mm + 500mm arm

WEIGHT 55 kg · 2-yr warranty

Compact, reliable entrance control for high-traffic facilities

FEATURED PRODUCT / FLAP BARRIERS

Astra F7 – Flap Barrier



ASTRA F7

DC BRUSHLESS

MOTOR DC Brushless

FLOW 40–60 people / min

PASSAGE ≤600 mm width

POWER AC 220V · 50W

MATERIAL SUS304 · 1.5/1.2 mm

SENSORS 3 pairs infrared

I/O Dry contact / relay

DIMENSION 1400×300×980 mm

WEIGHT 55 kg net · 57 kg gross

PROTECTION IP44 · -10 °C – 60 °C

HUMIDITY 5 % – 85 %

ENVIRONMENT Indoor / Outdoor covered

APPLICATIONS



Offices & IT Parks



Metro & Transit



Airports



Banks



Hotels



Gyms & Clubs

Sleek glass-flap entry for high-traffic offices, metros & gated lobbies.

FEATURED PRODUCT / FLAP BARRIERS

Core F4 – Flap Barrier



CORE F4

DC BRUSHLESS

MOTOR DC Brushless

FLOW 40–60 people / min

PASSAGE ≤600 mm width

POWER AC 220V · 50W

MATERIAL SUS304 · 1.5/1.2 mm

SENSORS 3 pairs infrared

I/O Dry contact / relay

DIMENSION 1200×280×980 mm

WEIGHT 52 kg net

PROTECTION IP44 · rugged duty

HUMIDITY 5 % – 90 %

ENVIRONMENT Indoor / Semi-outdoor

APPLICATIONS



Metro Stations



Railway



Bus Terminals



Stadiums



Factories



Public Transit

Compact flap-gate entry for offices, schools & transit hubs.

FEATURED PRODUCT / HIGH-SPEED GATES

Elite SG6 – High-Speed Gate



ELITE SG6

DC BRUSHLESS SERVO

MOTOR DC Brushless Servo

FLOW 30–40 persons / min

OPENING 0.2 sec (high speed)

PASSAGE 600–900 mm width

POWER AC 100–240V · 60W

MATERIAL SUS304 · 1.5 mm full body

DIRECTION Bi-directional

WING Tempered glass swing

DIMENSION 1400×300×990 mm

MCBF 5 million cycles

SENSORS Multi-pair anti-pinch

ENVIRONMENT Indoor premium

APPLICATIONS



Airports



Corporate HQ



Banks



5-Star Hotels



Data Centers



Luxury Malls

Premium swing-glass speed gates for high-end lobbies, banks & airports.

FEATURED PRODUCT

RFID Readers



PX300

UHF · LONG-RANGE · IP65

FREQUENCY 902–928 MHz (US) · 865–868 MHz (EU)

PROTOCOL ISO18000-6C (EPC GEN2)

RF POWER 0–33 dBm (adjustable)

ANTENNA Built-in 12 dBi · Circular polarization

READ RANGE 0–15 meters

INTERFACE TCP/IP · Wiegand · RS485 · Relay · GPI

POWER 12V 2A

PROTECTION IP65 · –10°C to +55°C



PXD1E

· 12dBi · IP65

FREQUENCY 902–928 / 865–868 MHz

PROTOCOL ISO18000-6C (EPC GEN2)

ANTENNA 12 dBi linear, Impinj E710 chip

READ SPEED 1100 tags/s | 0–15 m range

RF POWER Max 33 dBm (adjustable)

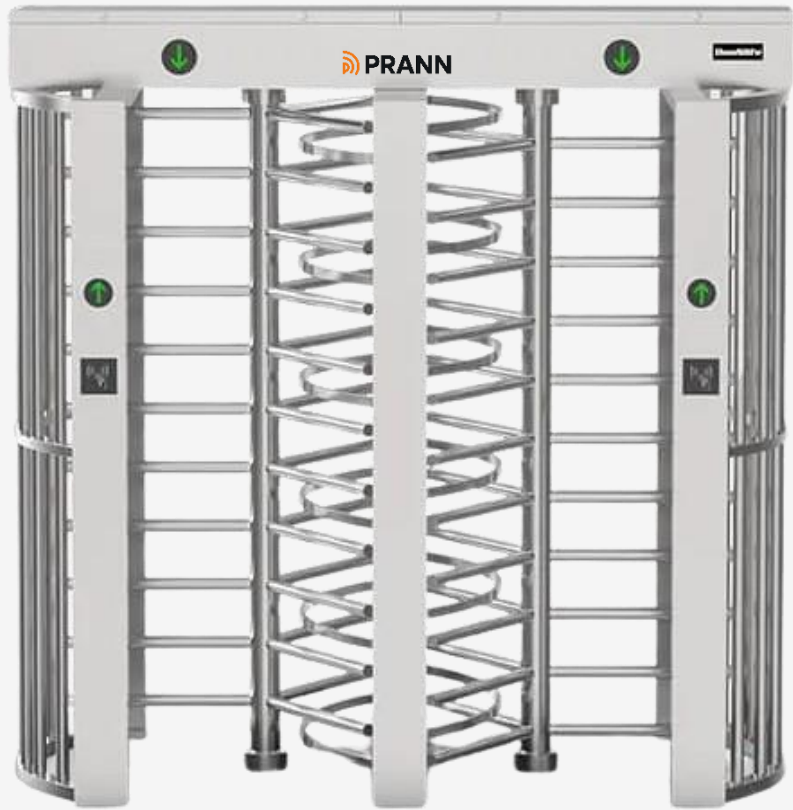
INTERFACE RS232, WG26, Relay + TCP/IP / PoE / WiFi

POWER 9–24V (12V 2A adapter)

MATERIAL Die-cast aluminium, IP65, 3.1 kg

Long-range RFID identification for parking, fleet, and access control.

Full-Height Turnstile



TITAN FH4

DOUBLE-DOOR • 304 SS • HIGH SECURITY

TYPE Double-door full-height

DIRECTION Two-way or one-way

MATERIAL 304 brushed stainless steel

FRAMEWORK 304/316 SS, anti-rust

ROTOR 90° or 120° (3 or 4 sections)

INNER HEIGHT 2080 mm

LED INDICATOR Green/Red passing status

PROTECTION IP65 — indoor/outdoor

ANTI-TAILING One person at a time

FIRE SAFETY Arms open automatically

ENTRY CONTROL Manual via lock

INTEGRATION Card / QR / Biometric / Face

BEST FOR Embassy, bank, jail, oil field, stadium

WARRANTY 1 year

APPLICATIONS

 Embassy

 Prisons

 Oil & Gas

 Stadiums

 Borders

 Industrial

Maximum security for high-risk perimeters and controlled access points

Road Blocker & Bollards



TITAN RB10

HYDRAULIC · IP68 · ≤200 TONS

INTERCEPT 1000mm H · 4–6M W

WEIGHT 3,100–4,200 KG

DRIVE Hydraulic · 3–5s rise · EFO ≤2s

LOAD Static ≤100 T · Passing ≤200 T

FINISH Hot-dip galv. + epoxy + PU topcoat

POWER 200V triphasic · 7.5 kW · PLC

PROTECTION IP68 · LED warning · Manual override



SENTINEL BL8

HYDRAULIC · IP68 · 304 SS

DIMENSION Ø470 × H1350 mm

CYLINDER Ø271 · 800 mm intercept · 960 mm rise

MATERIAL 304 SS · Brushed finish

DRIVE Hydraulic with built-in pump

PROTECTION IP68 · SGS certified · LED · 3M tape

SAFETY Emergency lowering · Reversal switch

LIFE 5,000 cycles tested · 10 years

Hydraulic anti-ram protection — engineered for high-threat perimeter defense

FEATURED PRODUCT

Metal Detectors



H300C

HANDHELD · 80 HR · IP-RATED ABS

SENSITIVITY Low / Normal / High

ALARM MODES Vibration · Sound · Both

BATTERY 80 hours continuous

DIMENSIONS 360 × 82 × 42.5 mm

WEIGHT 0.25 kg

MATERIAL Shock-resistant ABS



DF33

WALK-THROUGH · IP65 · MULTI-ZONE

DETECTION Multi-zone, per-zone sensitivity

ALARM 2 LED bars · adjustable volume/tone

NETWORK Multi-device via single PC

POWER AC 100–240V · 50/60Hz · 12W

OPERATING TEMP -20°C to +65°C

OVERALL 2204 × 870 × 630 mm

RATING IP65 waterproof · EMC low-field

Handheld to walk-through — complete metal-detection security

SG 1500 Sliding Gate Opener



SG 1500

1500 KG · DC24V · SOFT START/STOP

CAPACITY 1500 kg

TORQUE 29 N·m

POWER 220 W

SPEED 12 m/min

MOTOR DC24V

SUPPLY AC 220/110V 50/60Hz

LIMIT SWITCH Magnetic / spring

DRIVE Soft start / soft stop

PEDESTRIAN Pedestrian mode

SAFETY Resistance rebound

CONTROL Bluetooth / WiFi (opt.)

SOLAR Solar panel ready (opt.)

APPLICATIONS



Villas & Homes



Factories



Warehouses



Farmhouses



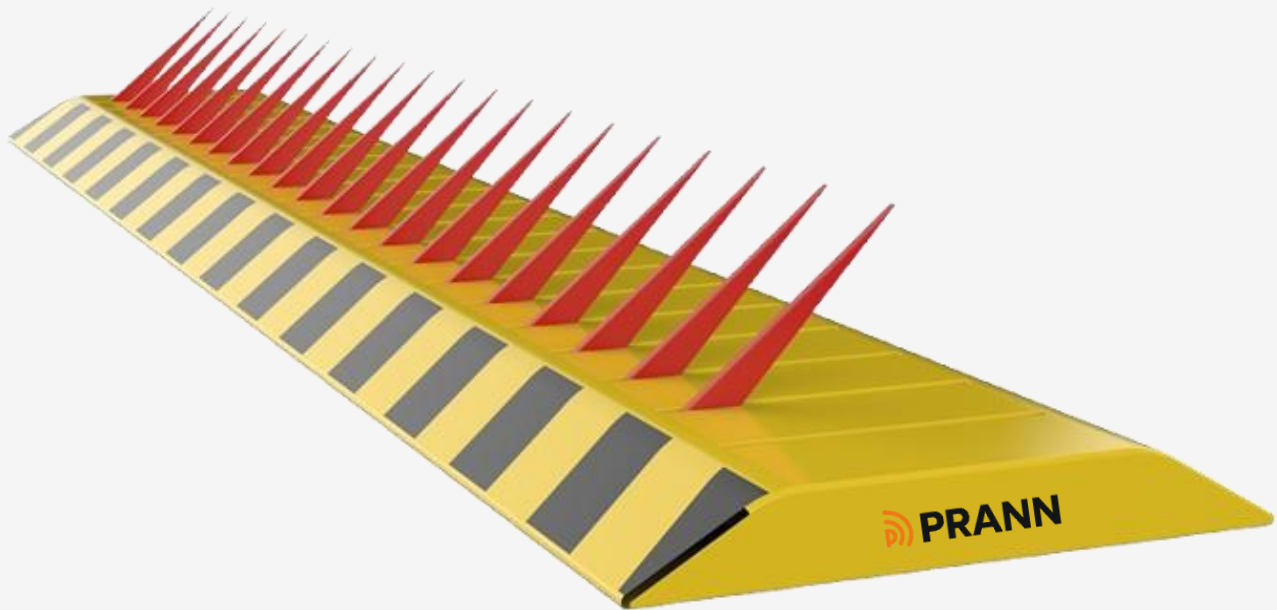
Campuses



Parking Lots

Heavy-duty automation for smooth, secure sliding-gate access

AEGIS 500 Tyre Killer



AEGIS 500

≤80 TONS · IP67 · A3 STEEL

WIDTH 500 mm

SPIKE HEIGHT 150 mm

SPIKE THICKNESS 10 mm

BODY HEIGHT 70–90 mm

LENGTH 4 / 5 / 6 m (custom)

WEIGHT 0.5 t

LOADING ≤80t container truck

MATERIAL A3 steel · anti-rust

RATING IP67 waterproof

DRIVE Electromechanical

POWER AC 220V · 180 W

FINISH Black/yellow reflective

APPLICATIONS



Military Bases



Checkpoints



Toll Plazas



Borders



VIP Zones



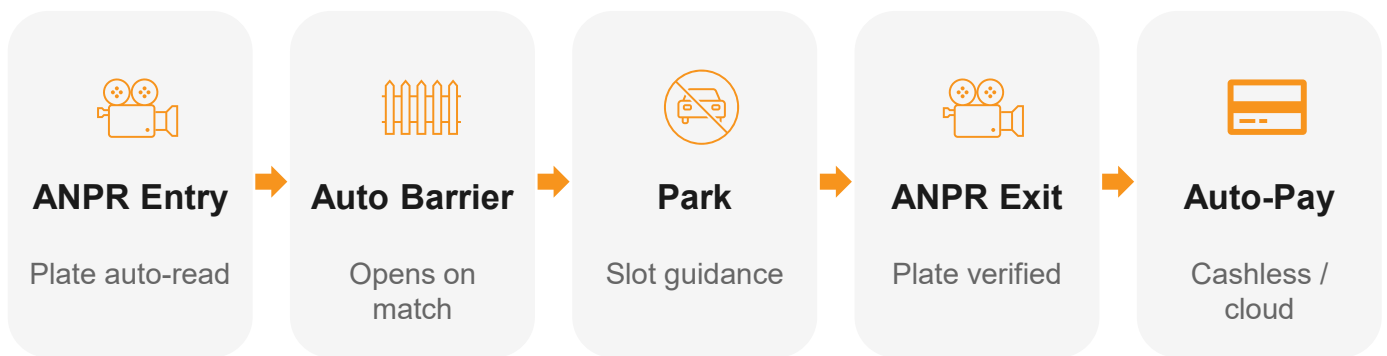
Parking Exits

One-way anti-ram spike barrier for high-security vehicle control

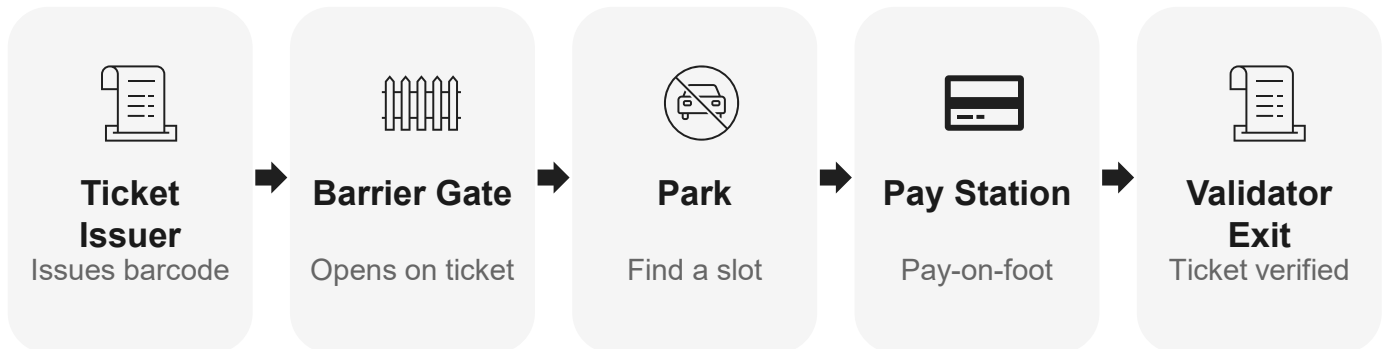
Parking Management

A fully connected parking system offered in two modes — **unmanned (LPR-based)** or **manual (ticket-based)** — all managed centrally on the cloud.

OPTION 1 · UNMANNED (LPR)



OPTION 2 · MANUAL (TICKET)



CENTRALLY MANAGED ON THE CLOUD

Both modes connect over TCP/IP for real-time monitoring, billing, reporting and remote control — no on-site cashier required.

98% Plate Accuracy

24/7 Unmanned

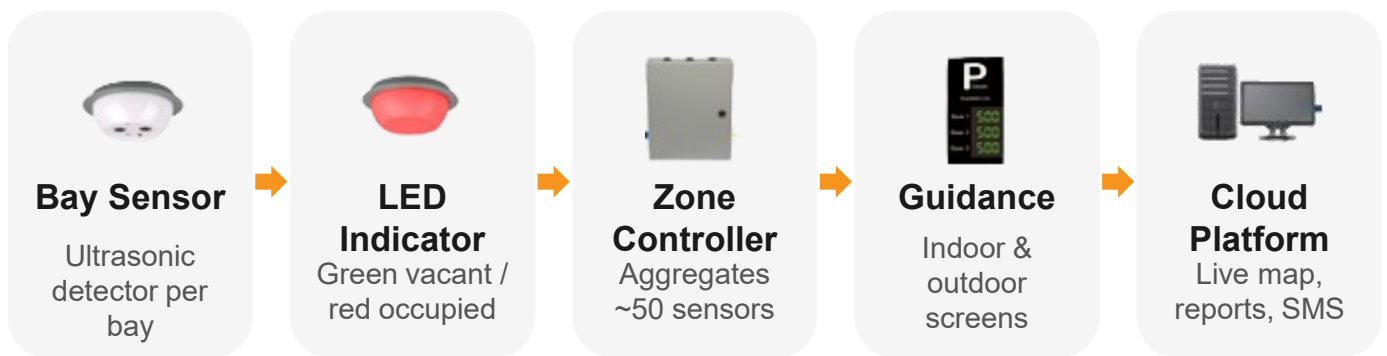
Cashless Payment

End-to-end automated parking — faster entry, zero manual tickets

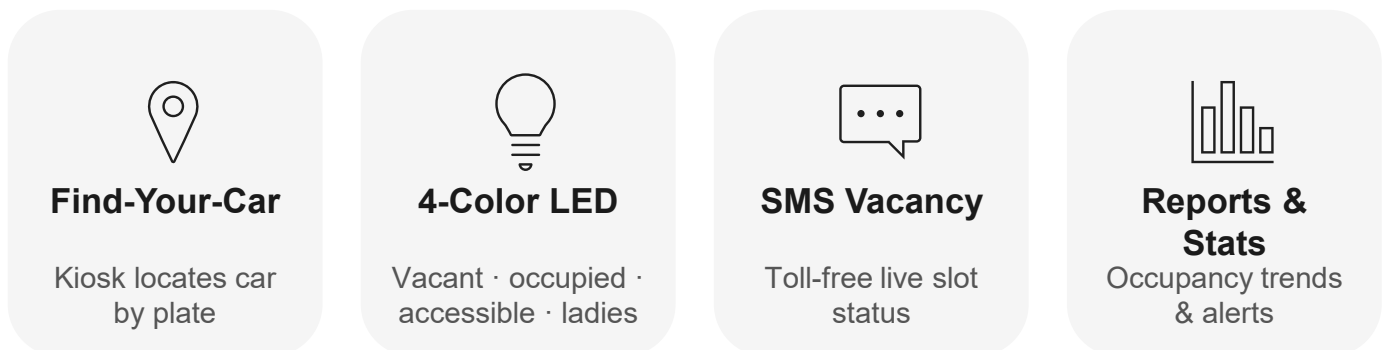
Parking Guidance

Real-time, bay-level guidance that directs drivers straight to the nearest free space — cutting search time, fuel and congestion, with a **Find-Your-Car** kiosk on exit.

HOW IT WORKS — BAY TO CLOUD



KEY CAPABILITIES



REAL-TIME MANAGEMENT PLATFORM

A redundant zone-floor-master architecture keeps counts live even on network loss — with a graphical floor map, occupancy reports and remote control.

Higher Occupancy

Less Search & Fuel

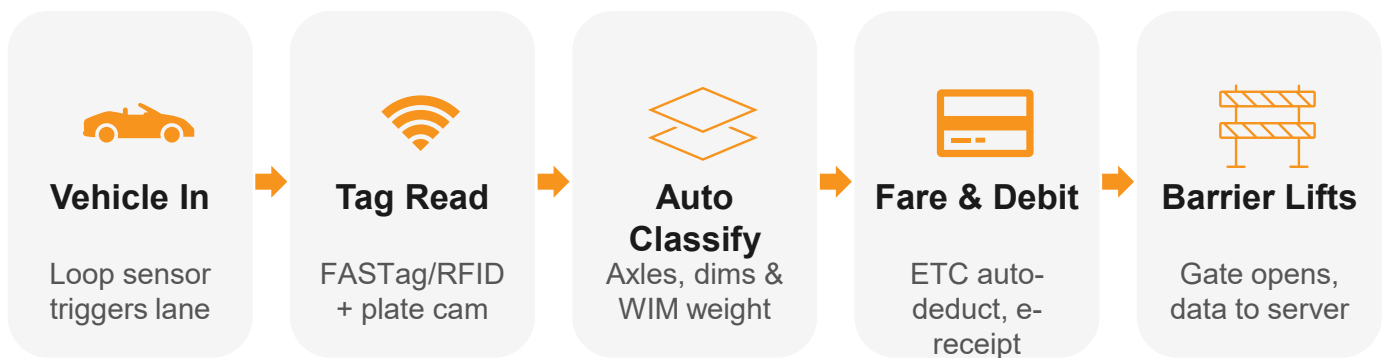
Find-Your-Car

Guide every driver to a free space in seconds — less circling, less fuel

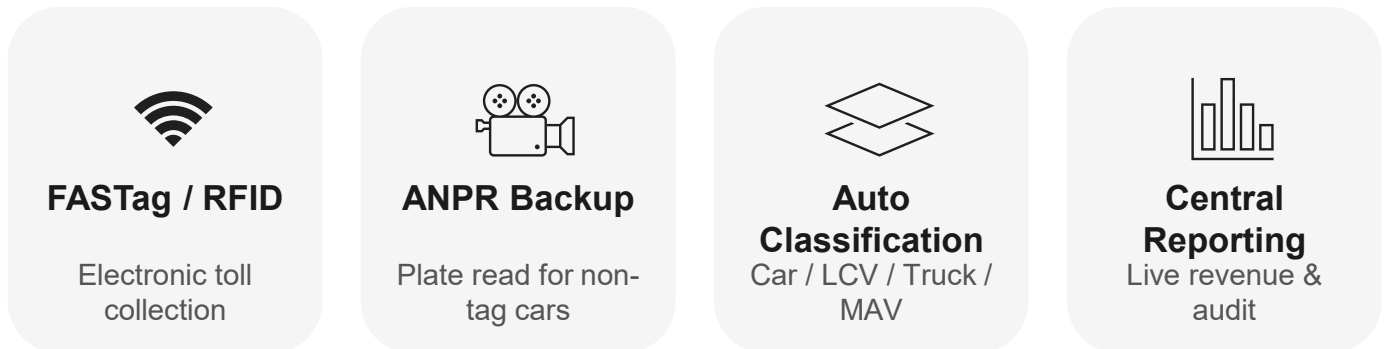
Toll Management

Automated, multi-lane toll collection built on **FASTag, RFID and ANPR** — vehicles are read, classified, charged and cleared without stopping.

HOW IT WORKS — IN-LANE FLOW



KEY CAPABILITIES



CENTRAL TMS PLATFORM

A redundant central server consolidates every lane — multi-mode payments, role-based access, shift cash-up, accounting integration and web-based reporting.

Non-Stop Tolling

Leak-Proof Revenue

Multi-Mode Payment

Keep traffic moving and revenue tight — non-stop, leak-proof toll collection

CERTIFIED & TRUSTED

Credentials & Clients

CERTIFICATIONS & COMPLIANCE



WPC
India Wireless Approval



TRUSTED BY

JK Cement Ltd.

Orissa Alloy Plant

Leading Cement Group

Major Steel Plant

GET IN TOUCH



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