



## INTRODUCTION


Parkware is a smart parking solution and service provider in the parking industry. Covering all aspects in parking management like booking, availability, revenue management, etc. Specializing in both software and IoT-based hardware development, we cater to a wide array of industry needs, ensuring enhanced efficiency, streamlined operations, and secure access. Our systems are developed with the future in mind, integrating cutting-edge technology to deliver top-tier parking management and access control solutions.

**20 +**  
Sites

**10 Mn +**  
Vehicle processed

**1 Mn+**  
FASTag processed

# KEY SOLUTION FEATURES

- ⦿ Authorized entry and exit for Tenant/regular Vehicles.
- ⦿ Vehicle registration number captured and recorded.
- ⦿ Images stored for each vehicle at entry and exit – for security and verification.
- ⦿  and mobile wallet based **cashless parking** payments in paid parking.
- ⦿ Smartphone based **POS for ticket collection for cash** in pair parking.
- ⦿ **Automated fare calculation** based on rules set on management dashboard.
- ⦿ **Compatible with existing hardware** such as barriers, UHF readers, sensors etc.
- ⦿ **Open architecture integration** – can be easily integrated with existing office, residential, ERP applications.

# HOW IT WORKS







# APPLICATIONS – WHERE TO USE



# SEZ & OFFICES

- ⦿ Authorized entry and exit of tenant vehicles.
- ⦿ Image captured for each entry and exit movement of each vehicle.
- ⦿ Dashboard to management or even tenant organizations to edit and manage access to tenant vehicles.
- ⦿ Quantity restricted tenant management – if the number vehicles for a tenant organization parked at a time matches its quota, the next tenant vehicle for that tenant won't be allowed to enter (barrier won't open automatically).
- ⦿ LED Display to show parking availability, occupancy (and run ads for revenue generation).
- ⦿ FASTAG based payments for visitors, subscribers and FASTag based verification.
- ⦿ Can be easily integrated with existing ERP, attendance management or visitor applications.

# COMMERCIAL PARKING

- ⦿ This includes Hospitals, municipal parking, mixed parking that have paid parking option etc.
- ⦿ Vehicle recognition at entry and exit with automated fare calculation at exit.
- ⦿ Non-stop vehicle movement at exit (and/or entry) with auto-payments via FASTAG or mobile wallet.
- ⦿ Each entry and exit image captured – provision to keep video feeds and archival.
- ⦿ Driver image can also be captured.
- ⦿ LED display with user's parking fee shown along with parking availability; can be used for ads for revenue generation for the parking facility.
- ⦿ Dashboard with at least 20 kind of predefined and ad-hoc reports on cash collections, violations, manual barrier open activities and other custom reports.



# RESIDENTIAL PARKING

- ⦿ Authorized entry and exit for resident vehicles along with driver image capture option.
- ⦿ FASTag based authorization can be enabled to eliminate the need for other RFID tags.
- ⦿ Each entry and exit of vehicle captured with image and data on dashboard.
- ⦿ Dashboard for various reports and user/vehicle access management.
- ⦿ User-opted Alerts to the resident via app/sms for every movement of his vehicle.
- ⦿ Easily integrated with existing residential society management apps e.g. visitor management apps.



# HIGHLIGHTED FEATURES





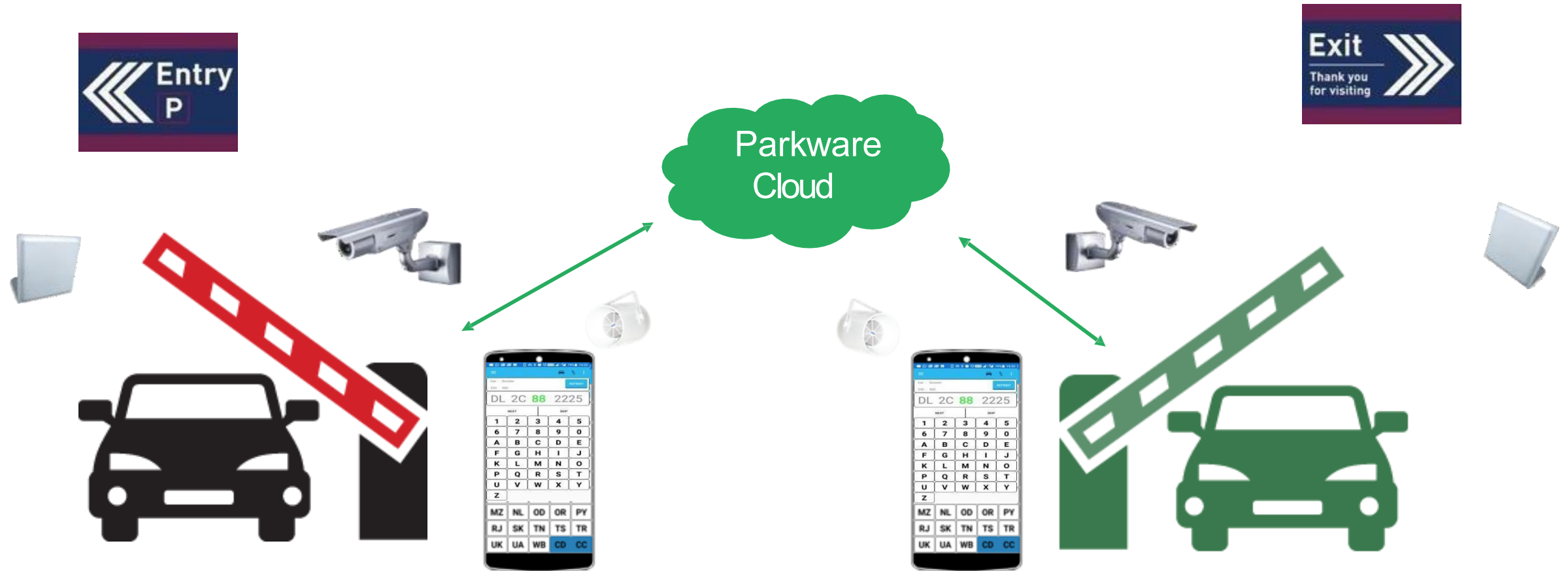
# OUR FOCUS

- ◎ **Effortless parking** for end-user/driver – authorized
- ◎ **Remote management** of facility via cloud also provides real-time data and analytics of parking data.
- ◎ Hardware that is minimal, non-intrusive and **easy to maintain.**
- ◎ **Reduce Manpower:** Significant manpower reduction for parking.



Provide a smooth experience  
to visitors

# PROCESS FLOW



- Number Plate identified and entry allowed.
- FasTag identified if its on the vehicle




- Seamless exit, allows authorized vehicles out
- For FasTag vehicles, cashless payment and uninterrupted movement

# PARKING COMPANY MANAGEMENT

- ◎ Separate login for:
  - Parking manager
  - Tenant companies to manage access
- ◎ 10+ types of detailed reports:
  - Parking collections shown in real-time
  - Vehicle Entry/Exit logs
  - Operator wise reports
- ◎ And many more....



# PARKING MANAGEMENT

- ◎ Easy tenant pass management.
- ◎ Support for : F.O.C, Lost tickets, Custom parking fares.
- ◎ E-payments accepted via.   
- ◎ Complex monthly pass management.
- ◎ High Security log-in ID cards for parking operator.
- ◎ Separate e-payment accounting.
- ◎ Blacklisting of vehicles.
- ◎ Voice based greetings and fare announcements for visitors.



# PRODUCTS AND SERVICES OFFERED BY PARKWARE

## Hardware Solutions

- ANPR System:** Advanced software and camera setup for accurate license plate recognition, supporting multi-shot technology, and adaptable to various regional requirements.
- Car Park Ticket Machine:** Provides automated ticket dispensing and payment solutions for car parks, enhancing user convenience.
- Manless Controller System:** Automates parking management without the need for onsite personnel, leveraging AI for monitoring and control.
- IO Controller Box:** Integrates various input/output devices for comprehensive management of parking equipment.

## Software Solutions

- Parking Permit Software:** Mobile apps and web interfaces for self-registration and management of parking permits with automated notifications for permit expirations.
- Parking Access Control Solutions:** RFID and smart decal systems for efficient gate access control and vehicle tracking.
- Parking Kiosk Software:** Self-service kiosks for easy ticketing and payments, integrated with financial systems for seamless revenue management.
- Parking Enforcement Software:** Mobile applications for parking attendants to issue tickets and manage parking enforcement with features like ANPR and photo documentation.
- FASTag System:** Parkware provides a hassle free or wait free parking with the help of the FASTag. With your existing FASTag tag, do parking and pay efficiently.

# PAYMENT AND ACCESS SOLUTIONS

**POS based Pay & Park:** On-site payment solutions for quick transactions using Point of Sale systems.

**Web based Pay & Park:** Flexible web platform allowing users to manage parking and payments online.

**Mobile based Pay & Park:** Mobile app that provides easy payment and spot reservation capabilities.

**FASTag Pay & Park:** Contactless and fast parking entry and exit using UHF technology.

**RFID & Sticker Membership:** Parking membership, just tap in and tap out in the parking lot and enjoy hassle free parking.



Thank You!