BRUHAT BENGALURU

MAHANAGARA PALIKE

Bruhat Bengaluru Mahanagara Palike

CENTRAL PARKING SERVICES

CASE STUDY

Background of BBMP

BACKGROUND – Bruhat Bengaluru Mahanagara Palike:

- The history of Municipal governance of Bangalore dates back to 27 March 1862. After Independence the Corporation of City of Bangalore was formed in 1949 under Bangalore City Corporations Act with 70 elected representatives and 50 divisions
- The name of the Council changed to Bangalore City Corporation(BCC) and then to Bengaluru Mahanagara Palike (BMP)
- By 1995, BMP had 100 wards covering 75 sq. km
- In 2007, the 100 wards under BMP, City and Town municipal councils and 110 villages around the city were merged to a single administrative area under "Bruhat Bengaluru Mahanagara Palike(BBMP)"

BBMP:

- Its roles and responsibilities include the "Orderly development of the city"
- Building regulations, health, hygiene, licensing, trade and education, as well as quality of life issues such as public open space, water bodies, parks and greenery are under scope of **BBMP Smart Parking Mission** is an Urban renewal and retrofitting program by the Government of India with a mission to develop Smart Cities across the country, making them Citizen friendly and sustainable.

About CPS

- Largest Parking management company with ~85,000 bays handling over 200,000 cars and 150,000 bikes everyday

- Offers One-Stop for all parking needs including Design, Technology, Operations and maintenance

- Team of 50+ Engineers trained in parking technology from Japan, Germany, Netherlands and Belgium

- Operational Excellence – stitched with technology, best Industry practices

- Control and Command Center for real time data management and analytics

- CPS Learning & Development Center training parking professionals

- Robust internal controls backed by effective revenue & quality audits [MARS-developed by CPS]

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Clientele – Mega Projects

Bengaluru Smart City

Indore Smart City

Ranchi Smart City

Jabalpur Smart City

Allahabad Smart City

Hubli– Dharwad Smart City

Bangalore Airport

Chennai Airport

Pune Airport

JWC, Mumbai

JWD, Mumbai

Amazon Campus, Hyderabad

Value of Active Parking **Management & Policies**

Typically different Departments and decision makers in a City. Not talking the same language

Good Parking management can help free up valuable public space, making our cities more attractive

Support local economy

Reduce vehicle traffic and time spent on the road

Reduces Congestions, Road Safety and Air pollution

Consequently generate revenues to invest in sustainable mobility and urban improvements

Project Objectives

- **Smart Parking** is an initiative to bringing about an impact to the Parking Industry making it an efficient tool to ease parking issues and a potential revenue generation platform to the Government.
- One such Smart Parking Initiative by BBMP is the Namma Bengaluru Smart Parking(NBSP) which is one of type Parking solution to cater to the growing parking needs in the City

Key Benefits / Outcome of the Project

- Accurately predict and spot the slot availability in real-time
- Optimised Parking Space usage
- Better Management of Traffic by leveraging IoT technology
- Integrated Payments and POS
- Namma Bengaluru Smart Parking App for the City
- Parking Visibility to the citizens on the Mobile App and Parking Information Systems(PIS)
- Completely automated without human Intervention

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Project Scope – 85 Roads / Phase 1 – 9 roads

- On Street Parking Technology for cars and bikes– **Sensor Based** – Magnetic and Video based Technology
- **Parking Meters** with Cash, UPI , Credit/debit option
- **Parking Information system** (Dynamic & Static Signs) @ Decision Making junctions
- **Mobile App Namma Bengaluru Smart Parking App** & **Web Portal** (Real time information, Contactless & Digital Payments)
- **Parking Enforcement** (Clamping – Over Stay & Unpaid)
- **Central Control and Command Centre** – C4 (Monitor, Audit and Control)
- **Parking operations** (Cash Collection, Tech Support & Enforcement)

SI No	ROADS	PARKING CAPACITY	
		4Wheelers	2 Wheelers
1	MG Road	104`	103
2	Residency Road	68	58
3	Museum Cross Road	16	73
4	St. Marks Road	24	66
5	Kasturba Road	89	
6	Mallya Hospital Road	10	33
7	Vittal Mallya Road	31	
8	Ali–Askar Road	82	
9	Cunningham Road	7	90

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SMART PARKING SYSTEMS

On Street Parking	Off-Street Parking	Parking Guidance System	Enforcement	Mobile Applications	C4 – Command Center

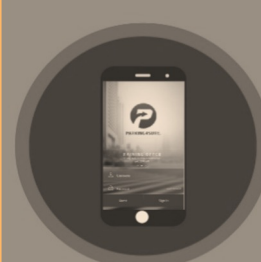On-street parking with parking meters and space detectors

Off-street parking management system

Intelligent Parking guidance

Smart enforcement system

Parking app

Central control and command center

EQUIPMENTS

AUTO PAY STATION

- Bar Code Ticket reader/Retractor
- Bank note Acceptor/ Dispenser
- 15" colour TFT – LCD display screen
- Thermal receipt printer
- Alarm Monitoring & Control

- On-street Parking sensor
- Magnetic & Optic sensing technology
- Detects the occupancy of the slots

FLOOR MOUNTED SENSORS – 4 WHEELERS

Variable Message Signages & Static Signages

BBMP Smart Parking
Marketing Collaterals

Thank You!

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