

Metro Infrasy's The Intelligent Transportation Specialist



Toll Collection Systems (TCS)



Check Post



HTMS



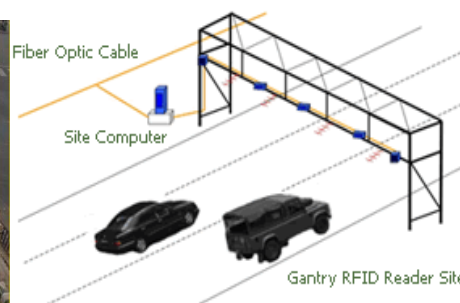
Parking Management Systems (PMS)



Parking Guidance system (PGS)



Traffic Enforcement



Electronic Vehicle Registration



Variable Msg Signs

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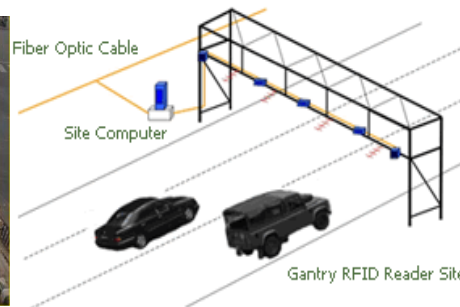
Who we are



Parking Guidance System (PGS)



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Electronic Vehicle Registration



Variable Msg Signs

Who we are

An Intelligent Transportation System(ITS) Company with Innovative Solutions for Traffic and Transportation providing highway systems and urban systems

25 % growth in Revenue and profit over 3 years

35 % business through repeat orders

Projected to grow 15 times over the next 5 years

Company DNA

**Strong Corporate DNA focused on Value to Customers ,
Employees and Shareholders**

**Passion for Engineering
Intelligent
Transportation Systems**



Driven by Customer Satisfaction



Leveraging process based cloud technology



Managing and Advisory Board



Sachin Bhatia

Founder & CEO

Engineer with 10+ years of industry experience
Managing editor of Indiantollways.com web Magazine



Satish Bhatia

Managing Director, CFO and Co founder

Seasoned entrepreneur with 40 years Business Experience
Financial Analyst . Skilled in Government Liasoning



Rishi Khanna

Non-Executive Director & Strategic Advisor

Director C&S Electric, a USD 200 mn engineering company
Specialist in Business Strategy in the engineering space



Sameer Bhatia

Advisory Board –Technology and Web Strategy

Seasoned and successful internet Entrepreneur . Core advisors
on web marketing and Indiantollways.com .

Company Infrastructure



Head Office in Mayapuri

- Open Sapce
- 1500 Sq. Feet Office
- With room for expansion to the extend of 20,000 sq. feet on first floor



Company 's Factory in Manesar

- 1000 sq mtr plot
- 5000 sq ft built-up area
- Software Development Center
- Hardware Assembly Area
- Live Testing Labs
- 6 Design and Project Engineers
- 15 Software Engineers



Live Testing Lab & Software Development Centre

- One of its kind in India
- Built-in mock lane for live system testing and Demo
- In house Controller Development & Sub-system assembly

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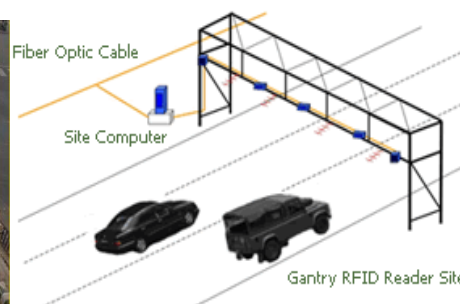
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Parking Management Systems (PMS)

Key Markets & Technologies



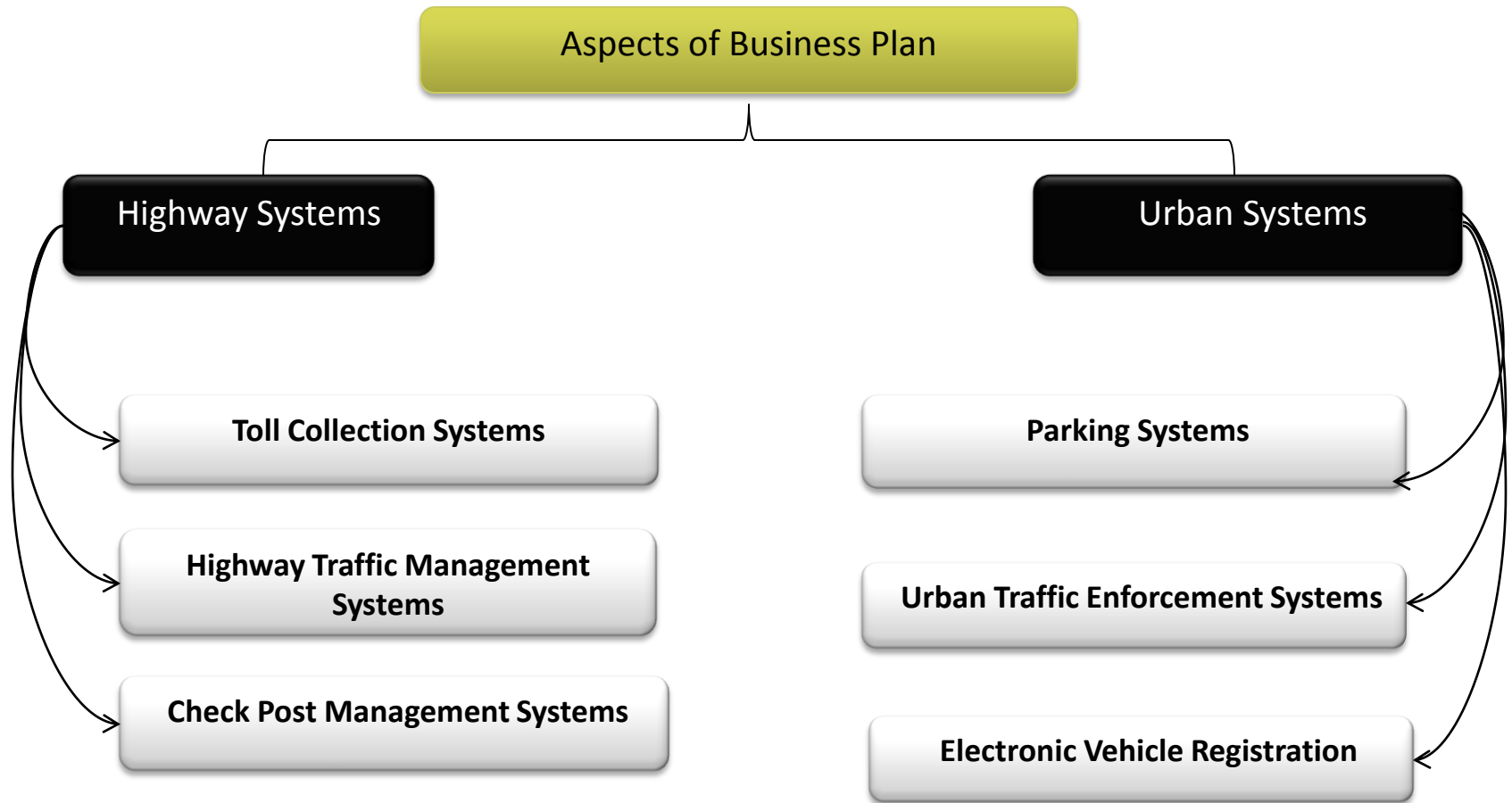
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Key Markets



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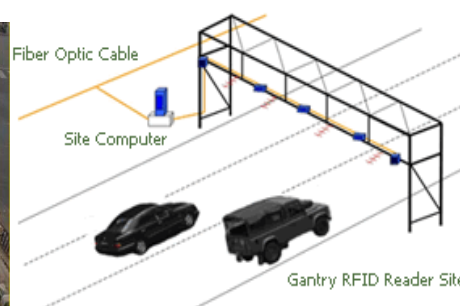
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Parking Management Systems

Highway Systems : Toll , HTMS and Check Post



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Highway Systems – Toll Collection Systems (TCS)

Definition:

- Electronic toll collection systems are designed to assist in the management of toll operations

Use:

- Audit and control over the collection of Revenues
- Faster processing of vehicles in terms of per lane / per hour

An Instance : *Madurai Tuticorin Toll Plaza*

- Highlights
 - Launch of Toll System 2.0 which is based on cost-effective indigenous technology
 - Successful Pilot Testing resulting in strong order book creation in South India
- Concessionaire – Madhucon



Key Strengths

- **Proprietary Software Technology**
- **Built-in Device Level Diagnostics**
- **Design for 97% SLA**
- **In-house Controllers & Barriers**
- **Non-Intrusive Technology for Vehicle Identification**

TCS – Biggest Project Experience

Completed 4th largest toll plaza in the world – Delhi Gurgaon Expressway



- Proprietary “diagnostic” technology enabling **industry’s only solution with 97% uptime** assurance

- **Proven record** with repeat business

- **Project undertaken in Joint Venture with world leader**

kapsch >>>

Highway Systems – Highway Traffic Management Systems (HTMS)

Definition:

- A Wide Area Network with a Control Center and various subsystems such as Emergency Call Box, Variable Message Signs, CCTV, Mobile Radio, Traffic Stations, Weather Stations & Data Transmission Systems

Use:

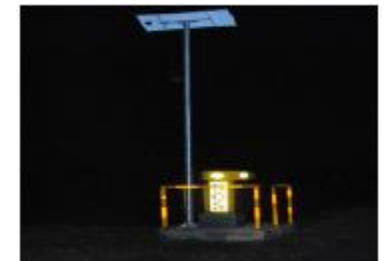
- Highway safety can be increased and Traffic operations improved
- Data Collection for Traffic and weather patterns

Key Strengths

- In-house Manufacturing of emergency call box
- Setting up Variable Message Sign factory
- In-house System software



CCTV



ECB



Variable Message Signs

References – Toll and HTMS

KMC BSC JV

Supply, Installation & Commissioning of 36 Nos of Electronic Toll Collection Systems & 24 Nos of Slow Speed Weigh in Motion Systems for Project of Six Laning of Chilkaluripet – Nellore Section of NH-5 for 183.620 km in Andhra Pradesh



Navuyuga Engineering Company

Supply Installation Commissioning and Maintenance of Tolling Systems on NH-7

DND FLYWAY

Automatic Vehicle Classifications Sensors for DND FLYWAY for 27 lanes Toll Plaza at Noida.



DPTL : Sadbhav and HCC LIMITED

24 Lane Semi Automatic Toll Collection Systems in Maharashtra on NH-3 with TCS, WIM And HTMS .



GMR PROJECTS LTD

Supply, Testing & Commissioning, Maintenance of AVC Subsystems & Toll Collection Equipments for 36 Lanes for 3 projects.



KNR Constructions

Design, Supply, Installation & commissioning of Toll Management & HTMS Equipment



Madhucon Projects Ltd.

Design , supply Installation, Commissioning And Maintenance of Electronic Toll collection System



Check Post

Opportunity:

- New infrastructure to be set up at the entry of each State
- Integrated Checking & Law Enforcement done on every Commercial Vehicle entering a State

Subsystems:

- RFID Based Lane Application: Restricted Lane Entry of Each Passing Vehicle with RFID Based Vehicle Identification Systems
- Sub Systems consist of Automatic Vehicle Classification systems, Weigh in Motion Systems, Barriers & other lane accessories



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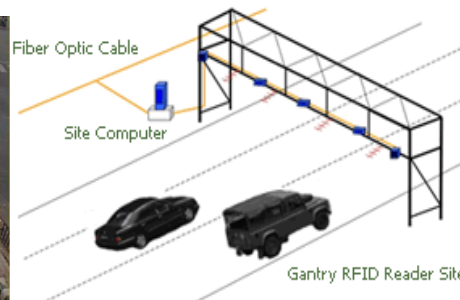
Urban Systems



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Parking Management and Guidance Systems

Definition:

- A robust parking management system build from the ground up to provide maximum security, reliability and convenience

Types:

- Parking Management Systems - Systems for Control of Revenue in Car parks
- Parking Guidance Systems - Systems for control of Traffic in Car parks by guiding the cars to the empty slots

An instance: *Municipal Council Common Wealth Building*

Key Highlights

- Ultrasonic sensor based state Intelligent guidance system
- 1st Project of its kind to be implemented in India
- 700 parking slots across 3 basements
- Fully Automated Entry lanes
- No. of Entry & Exit lanes: 2



Key Strengths

- Value based Solution
- Robust and Proven Solution

Traffic Enforcement & Control Systems

Definition:

- Metro Infrasy provides the complete solution for Highway Traffic Management System

Subsystems:

- Variable Message Signs
- Capable of producing real time messages for alarms/ advisories
- Red Light & Speed Enforcement
- Detect Traffic Infringements
- Automatic Incident Detection Systems
- Video based detection of defined incidents such as Pedestrian walking, Congestion detection etc

Key Strengths :

- Globally proven and Robust Solutions
- Reliable Project Services



THANK YOU!

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