

THE FUTURE OF INNOVATION

***COMMITTED TO
INNOVATION, EXCELLENCE
& SUSTAINABLE BUSINESS
SOLUTIONS.***



About us

Founded in 2026, **INNOSENSE TECHNOLOGY (PVT.) LTD.** is a Pakistan-based technology solutions provider focused on transforming complex and disconnected hardware and software systems into integrated, efficient, and future-ready IT environments. By aligning modern technologies with clients' strategic objectives, the company simplifies technology infrastructures and helps organizations achieve their business goals more effectively.

- **Customer Relationship**

Built on years of trusted customer relationships.

- **Partnership**

long-lasting relationship with our partners.

- **Products & Services**

Committed to maintaining the highest quality in our products and service offerings,

- **Resources**

In our people and their dedication to quality

About Us





Understanding Modern Technology and Implementation of Sustainable Systems

Our organization embraces modern technologies to deliver efficient, reliable, and sustainable solutions that support digital transformation and long-term growth. By integrating advanced ICT and system integration capabilities with emerging technologies such as Artificial Intelligence, Robotics, and Intelligent Transport Systems, we create intelligent platforms that enhance operational efficiency and decision-making.

We implement innovative solutions including Enterprise Applications, Track and Trace Systems, Dark Fiber / ME Networks, and Advanced BI & Analytics to ensure seamless connectivity, data-driven insights, and optimized performance. Our expertise also extends to Call Centre Solutions, UAV Services, Public Safety and Security systems, and Orchestration Platforms, enabling organizations to operate securely and efficiently in a digitally connected environment.

Through Fintech Solutions, Infrastructure Services, and Managed & Professional Services, we support sustainable digital ecosystems that improve service delivery and reduce operational costs. In addition, our Smart City Consulting and Solutions focus on building future-ready urban environments that leverage technology for smarter governance, improved mobility, and enhanced quality of life

VISION & MISSION

Our Vision

Enhancing customer satisfaction by delivering advanced technologies that enable sustainable and integrated solutions.

Core Values

Our customer friendly approach, strong technical expertise, positive attitude, and commitment to high business ethics have helped us earn strong recognition in both local and international markets.

“We deliver sustained comfort, not just solutions”



INNONSENSE MANAGEMENT & LEADERS

Muhammad Rashid Khan
CEO

30+ Years Experiance

Agha Rafique Durani
Director Sales & Marketing

30+ Years Experiance

Rana M. Naeem
Director Sales & Marketing

30+ Years Experiance

Brig (R) Khalid Hasan Butt, SI (M)
Technical Consultant

30+ Years Experiance

Lt. Col ® Dr. Prof. Muhammad Arif
Consultant

30+ Years Experiance

Muhammad Iftikhar
IT Consultant

25+ Years Experiance

Mr. Yasir Akram Qureshi
Advocate High Court / (Company Legal Consultant)

10+ Years Experiance

Group Core Areas / Services

Consulting Services

ICT & Systems Integrations

Artificial Intelligence & Robotics

Intelligent Transport Systems

Track and Trace Solution

Dark Fiber / ME Network / UTP

Call Centre Solution (Local/Intl.)

Smart City Consulting / Solutions

Smart City Consulting / Solutions

Public Safety and Security

BPO & UAV Services

Advanced BI & Analytics

Orchestration Platforms

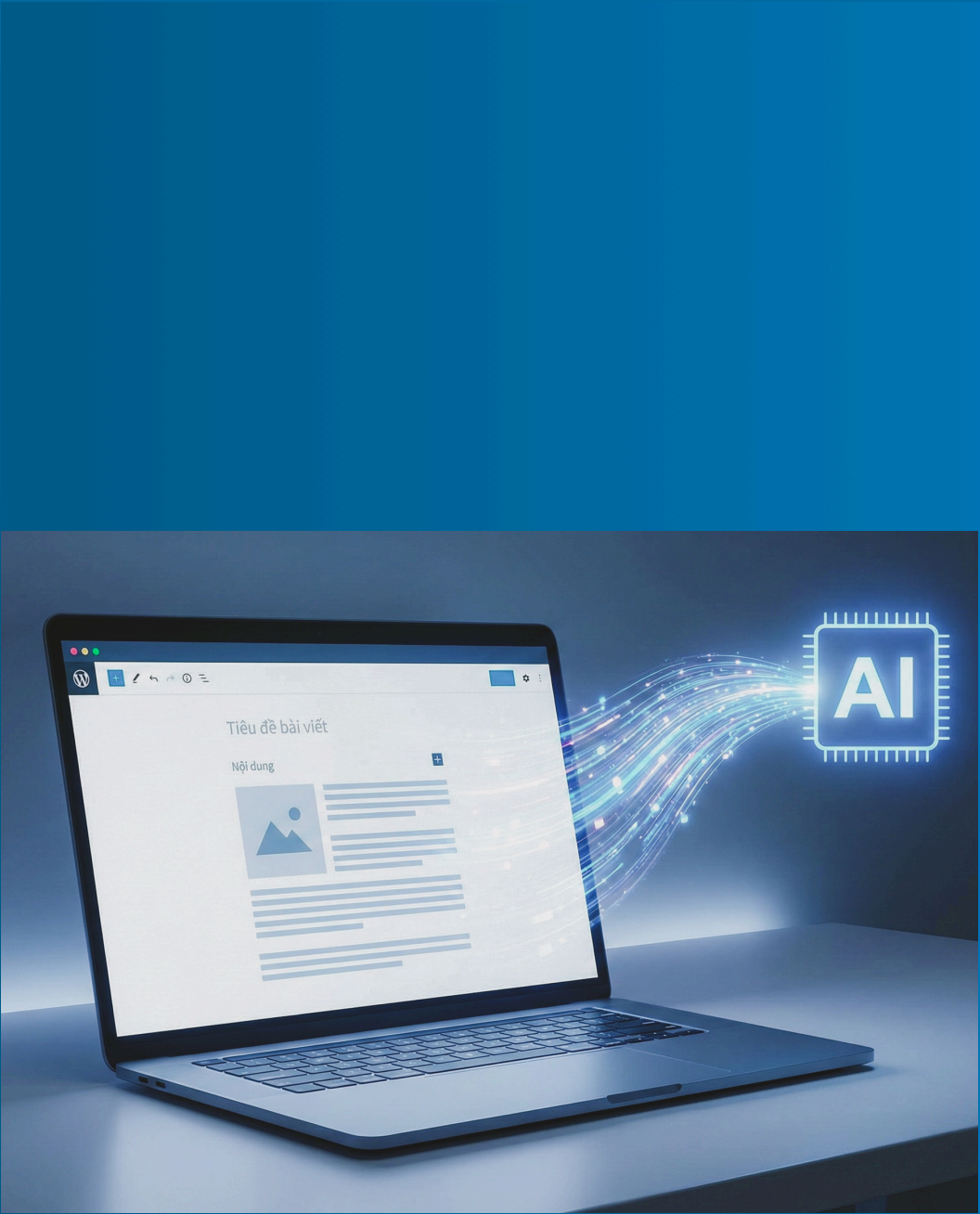
Fintech Solutions

Infrastructure Services

Managed & Professional Services



INNOSENSE Group – Presence & Credentials



Principals with Partnerships	
DELL	VISA
Oracle	HikVision
Motorola	Dahua
Schneider	KentKart
3CX	Huawei
H3C	VmWare
Solarwinds	Fortinet
SOPHOS	Zonerich
Lenevo	Dlink
SAS	Sonic Wall
JUNIPER	Avigilon
Veeam	& More

Principals with Partnerships
Lahore Chamber of Commerce & Industry
Pakistan Software Export Board





Turnkey Solutions



INTEGRATED SOLUTIONS

- City Wide Surveillance Solution
- Call Center Solution
- Building Control System
- AV System Integration
- ELY Solutions



IT SOLUTIONS

- Business Intelligence & Analytics
- Data Centre Solutions
- Internet of Things
- Information Management & Security
- AI & Robotics
- Cloud Based Solutions
- IT Assessments & Consultancy Services



SURVEILLANCE / SEC SOLUTIONS

- CCTV Surveillance & Monitoring
- VMS-Video Management System
- Video Analytics Solution
- Fiber Intrusion Detection
- E- Fencing



ACCESS CONTROL SYSTEM

- Biometric Time Attendance Machine
- Turnstile & Speed Gate
- Road Blocker
- Under Vehicle Surveillance System
- Parking Management
- Baggage X-Ray Machine
- Walk Through Gate / Metal Detector



VIDEO WALL SYSTEMS

- Video Walls
- Matrix Switch
- Video Processor



UAV SOLUTIONS/MECHATRONIC

- Aerial Surveillance Solutions
- Multi Copter
- Fixed Wing
- Vertical Takeoff and Landing
- Multi-Payload Configuration

Turnkey Solutions | Continued



ENTERPRISE APPLICATIONS

- Time Management Solution
- ERP
- Pay Roll
- HR Module
- Asset Management System
- Customized Application Development



PUBLIC ADDRESS SYSTEM

- SMTV System
- Background Music (BGM) System
- Audio Visual System
- IPTV System
- Digital Signage Solutions
- Lighting & Illumination



ACCESS CONTROL SYSTEM

- Biometric Time Attendance Machine
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ITS SOLUTIONS

- Comprehensive Intelligent Transport system (ITS)
- Automated Fare Collection (AFC)
- Bus Scheduling System (BSS)
- Vehicle Location System (VLS)
- EMV & Online Payment Gateways
- Business Intelligence based Analytics
- Data Center solution



BMS

- HVAC Equipment Control
- Energy Efficiency and optimization
- Air-conditioning Plant Control
- Hotel Management system
- Smart Home Solutions
- Lighting Control



AUDIO/ VIDEO SOLUTIONS

- Projectors, Screens, switchers
- Intercom System (Audio & Video)
- Video Conferencing System
- Translator systems
- Queue Management System
- Central Clock System

Cloud Solutions



Big Data Mid-End

- Advanced Analytics Suite
- Data Visualization Tool
- Machine Learning Platform
- Data Asset Management
- Smart Center (Models, Tags)
- Data Warehousing/Distilling



Refined Management

- Customer Insight
- Operation Insight
- Risk Insight



Cloud Computing

- Offline Computing
- Online Computing
- High concurrency database
- RDS



Precision Marketing

- Batch Campaign
- Event-driven Campaign
- Viral Marketing
- Next Best Action Marketing
- Data Analytics
- AI Bots



Intelligent Call Center

- Customer Service Robot
- Intelligent Outbound
- Intelligent Quality



AI / ML

- Object Detection
- Facial Recognition
- Perimeter Security
- NLP Solutions

AI / ML Solutions



Financial Services

- Cyber-Threat Detection
- Cash Optimization
- Accounting and Auditing
- Employee Retention
- Anomaly Detection



Telecom

- Predictive Customer Support
- Predictive Fleet Maintenance
- Smart City Integration and Audit
- Data Analytics



Healthcare

- Referral Automation
- Hospital Capacity Simulation
- Gene Mutation AI
- Abnormality Detection (Radiology)
- Clinical Decision Support



Manufacturing

- Predictive Manufacturing Design
- Predictive Maintenance
- Supply Chain Optimization
- Transportation Optimization
- Quality Assurance



Marketing

- Next Best Offer
- Lead Scoring
- Smart Segmentation
- Content Personalization
- Next Best Action



Retail

- Assortment Optimization
- Pricing Optimization
- Heatmap (Hot/Cold Isle)
- Product Placement / Replenishment

Electrical / Electronic Solutions



Electric Lights

- LED Lights Bulbs
- LED Lights Ceiling



Energy Efficiency solution

- Electrical Works
- Solar System Residential / Commercial



Core Solutions & Services



ICT & Systems Integrations

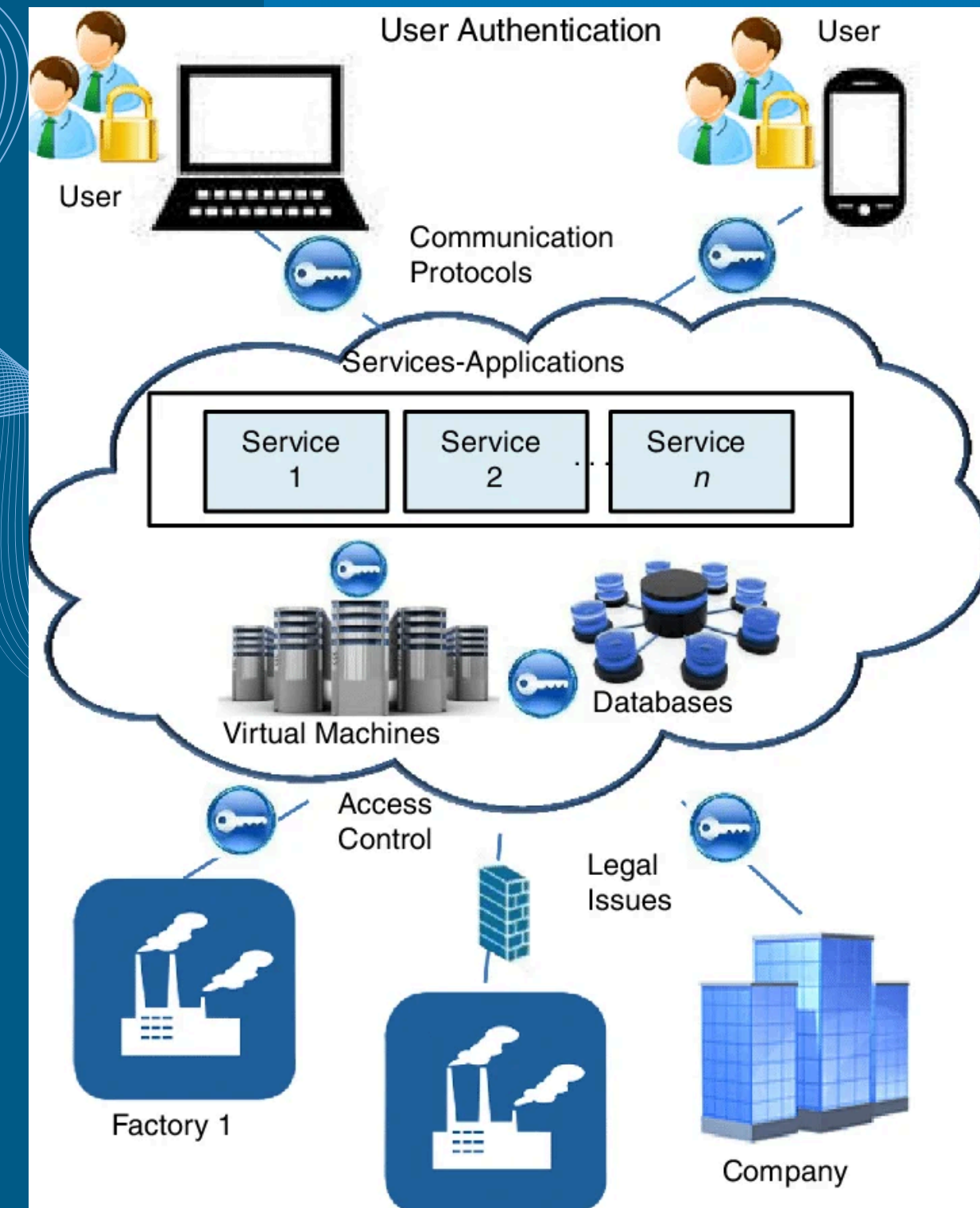
We do not limit ourselves to merely integrating world class IT equipment to deliver end to end solutions. To create greater value for our customers, we also maintain a highly skilled and professional software development team capable of providing customized software solutions tailored to specific business needs.

We are proud to offer a comprehensive range of products and services, including:

- Network, Cybersecurity, Data and Storage Integration
- Cloud Computing and Large Data System Integration
- Artificial Intelligence and Machine Learning Integration
- Wireless Network Planning and Integration
- Enterprise Unified Communication Integration
- Security and Video Monitoring Integration
- Internet of Things Integration
- Enterprise RFID System Integration
- E Government Network and Services Integration
- AR and VR System Integration
- Smart City Solutions and Associated Systems Integration

ICT & SYSTEMS INTEGRATIONS

A key aspect of our ICT philosophy is the ability to integrate seamlessly with other systems. Our commitment to open technology ensures that our products deliver comprehensive solutions, with features designed to help you gain maximum value and performance from every ICT system or component.



Cyber Security

AI Powered

Cybersecurity information is everywhere around us. The real challenge arises when creating or enriching your own cyber intelligence. It requires identifying the most relevant information from large volumes of unstructured data, both within and outside the organization, and effectively structuring, analyzing, classifying, visualizing, reporting, and sharing it. By doing so, organizations can utilize both structured and unstructured intelligence beyond the limitations of individual domains. Previously stand alone cybersecurity operations such as forensics, malware analysis, IT security actions, and OSINT can now be integrated and evaluated more efficiently. This approach strengthens collaboration and information sharing across different disciplines, departments, and agencies, ultimately producing actionable intelligence.



Social Media Monitoring

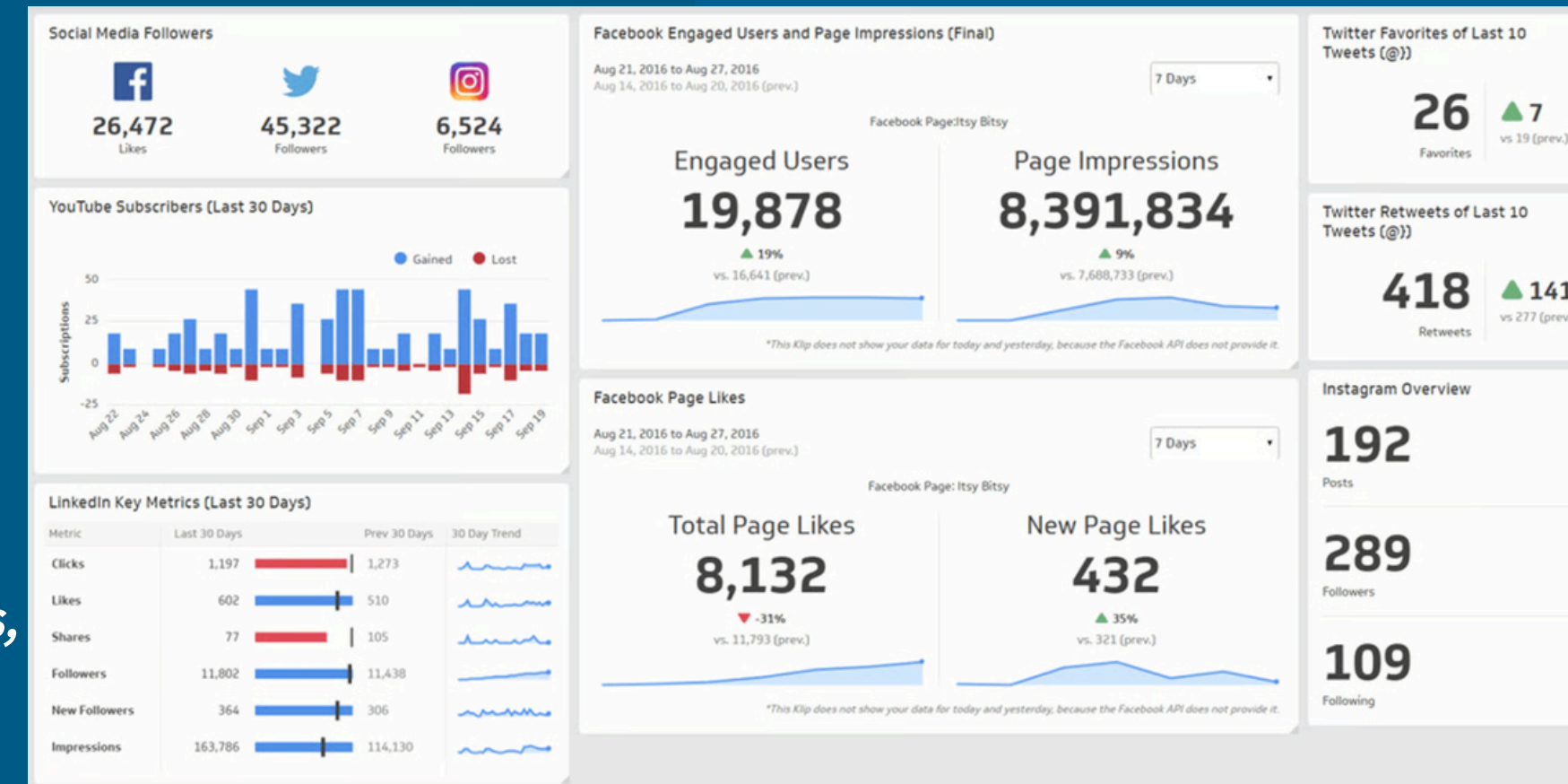
Multi Pipeline Ingestion

Identifying the account that write in (Facebook, Twitter, Youtube, Instagram); Collecting and indexing the flow of messages of these accounts; conducting search in this information flow.

- *Automatic generation of socio-psychological profiles and connection graphs for all accounts, a system to detect the presence of signs of risk in the account and groups etc.*

- **Artificial intelligence for photo and video analysis.**
- **Recognition of appearance features, favorite clothing brands, cars, recognition of the environment (park, beach. restaurant. resort, office, etc.).**
- **Search for similarities between photos/frames from different inputs.**

- **Downloading hundreds of millions of messages per day with desired Data Retention.**
 - **Detection of emerging events, clandestine groups and movements, trends and regularities.**
 - **Understanding the sentiment of statements, recognizing popular themes, identifying the necessary objects in the texts.**



Analytics & BI Solutions

The Perfect Experience

Firms that invest heavily in advanced analytics capability can out-perform their corporate peers with business intelligence and analytics tools. Our expertise allow us to offer an unmatched integrated analytics suite that allows you to: Explore and exploit corporate data for strategic business advantages, analyze huge quantities of data to make discoveries, solve complex problems and deploy results throughout the enterprise.

Obtain the best results and discover new insights more quickly and easily. Move from pockets of analytic excellence to the pervasive use of evidence-based decision making. Work with consultants to integrate enterprise analytics, and business intelligence on the network or cloud and start making much smarter decisions



Key Components

A complete BI ecosystem usually includes:

- Data Collection (databases, APIs, IoT, social media)
- Data Warehousing / Data Lake
- ETL / Data Integration
- Data Modeling & Analytics
- Visualization Dashboards
- Predictive Analytics & AI
- Reporting and Decision Support

BUSINESS APPLICATIONS SOLUTIONS

The Perfect Experience

INNOSENSE TECHNOLOGIES (PVT.) LTD offers next generation internationally recognized brands and global market leading platforms as part of its solution offerings. Information management costs continue rising as modern organizations become increasingly service oriented and data driven. Firms need formal business applications to create efficiencies and increase productivity. As organizations continue to look to become agile to respond to competitive pressures, intelligent applications become a key part of enabling that responsiveness.

INNOSENSE TECHNOLOGIES (PVT.) LTD believes that the right strategy addresses business process re-engineering, mobile applications, content management, and compliance needs to transform the way clients do business .. We bring industry specific solutions which have proven best practices incorporated in the workflows and can be tailored to the specific needs of a customer



TRACK AND TRACE PLATFORM

TraceX | Visibility across the board

TraceX offers cutting edge brand protection, Track & Trace solution that provides more transparency, safety and ethics in trade flows. The solution encompasses private companies, government and consumers. TraceX addresses the needs of industries (not limited to pharma) building on unique expertise in providing solutions for high speed production lines and large volume of products to complete Supply chain up to consumer transparency.

Features at a glance

Marking on Goods with a unique and secured identifier compatible with standard marking equipment used by manufacturers up to 1000+/ packs per minutes

- Solution proven and cost effective using standard components
- Can Track & Trace products at all packaging levels from manufacturing throughout the supply chain



Understanding
the basics of
TRACK & TRACE

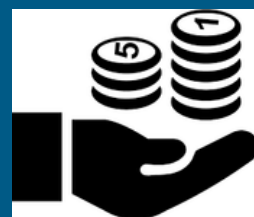
Business Process Outsourcing

As one of the pioneers in business process outsourcing (BPO), INNOSense TECHNOLOGIES (PVT.) LTD has deep and diversified expertise across a range of industries and business process outsourcing solutions. We help businesses and government departments provide essential services to millions of people every day while making a measurable impact on their operations.



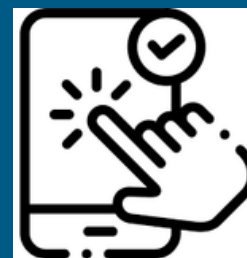
Optimize process

Be more efficient, flexible and secure



Reduce costs

Create Value through people, process and technology at scale



Improve experiences

Drive engagement and loyalty of end user



FINTECH SOLUTIONS

Middleware | Digital Wallets | KYC



Digital-only Banks

- Being one of the most pivotal technologies to emerge in recent years, Blockchain is listed among the fintech trends with the greatest potential. Its applications for the financial industry are huge. Blockchain solutions have effectively enabled a banking revolution; instigating a move away from traditional centralized procedures to safer, fairer, decentralized finance.

Blockchain And Decentralized Finance

- Financial consumers are feeling increasingly time-pinchd as they try to juggle home and work commitments with managing their personal finances. With AI and machine learning technologies, innovative fintech businesses can automate financial decision-making and save their customers valuable time.
- AI and ML are also enabling fintech firms to harness Big Data, to find meaningful patterns in customer behavior that can lead to smarter financial decision-making. With this new intelligence, they can effectively tailor their products and services to match consumer desire.

Autonomous finance with AI and machine learning

- Services like P2P transfers, cryptocurrency sales, contactless payments with free transfers, and international remittances.
- According to a recent World Bank report, there are still up to 1.7 billion people without access to the global banking system. So the significance of opening up access to essential financial services cannot be underplayed.

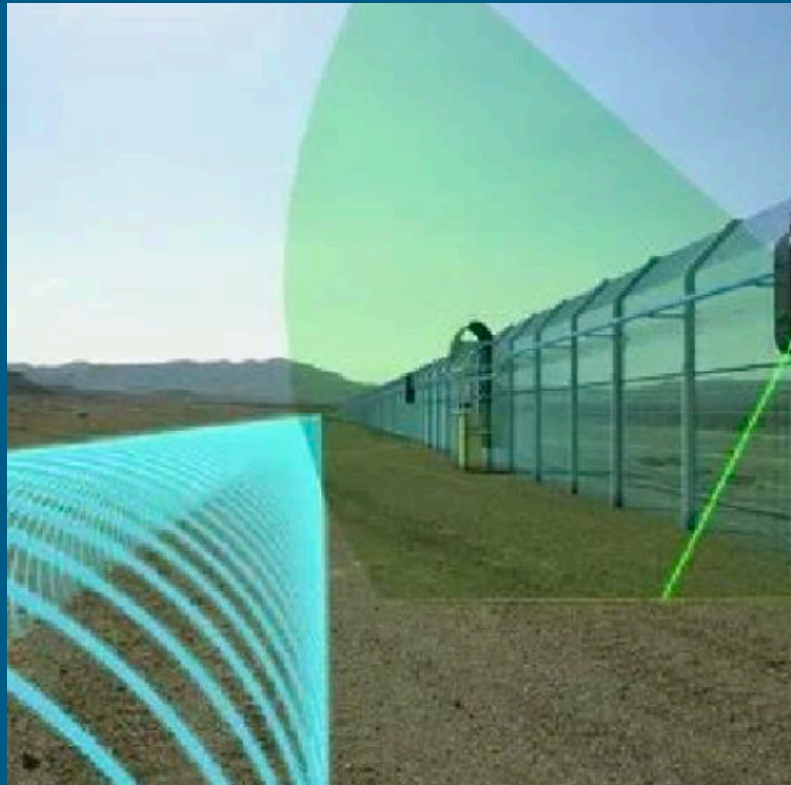
DATACENTER ARCHITECTURE AND DESIGN

One window solution

- Comprehensive Datacenter Designing
- Datacenter Upgrade/Expansion Planning and Deployment
- Tier-1 to Tier-3 Datacenters
- Access Control System
- HVAC System
- Fire Suppression System
- Redundant Power System (Online UPS and backup Generators)
- Plenum Grade Power and Ethernet Cabling
- Anti Static Raised Access Floor
- Ceiling and Under Floor Cable Routing systems



FIBRE INTRUSION DETECTION



Buried Solution



Standard (50M) Detection Zone



Loop Integrated in Fence



Triggers and Alarms Management

Securing high risk installation for Army, Navy and Air Force unit with multiple sensors that include buried sensors or rapidly, temporary deployable system integrated with CCTV . Our system detect intrusion attempts at break-through walls, cut-through attempts on existing property fences and offer advance warning for theft and vandalism

The simple answer to the challenge of perimeter security is a combination of smart fences and barriers, supported by a mix of long range surveillance cameras with other smart cameras (equipped with intelligent video analytics). Our Sensors easily communicate with existing security systems that may be in place cameras, door alarms, etc. The product detects before the real damage occurs.

Remote Fiber Test

- 1st in the market
- 1990 - Started RFTS development & In 1994 - Deployment of 1st System
- 2001, 2007 -Deployment of 2nd, 3rd generation systems
- 2008 -V4.0 a leap in GUI technology: "most user friendly RFTS in the market"
- 2010-V4.2 with superior mapping and OSP documentation features
- Continuous automated surveillance through OTDR trace comparison with Power Monitoring
- Automatic alarming
- Network/GIS documentation
- Distributed system - Server/Clients/RTUs
- Reporting & trend analysis
- Real-time monitoring
- Optical power measurements every 250 msec.



**Root cause troubleshooting
Remote Test and Fault Detection
Alert Management System with
Location**

**Service Layer Test
Automated Monitoring
Temperature and strain sensing**

Intelligent & Smart Solution

A broad range of information and communications technologies that improve the safety, efficiency, and performance of the transport system.

Main Components

- Automated Fare Collection System
- Automatic Vehicle Management System
- Passenger Information System
- Business Intelligence based solution
- Self Service Kiosks
- Integrated Web and Mobile Platform
- Fully Financial services Integrated with complete payment solution available



Intelligent Transport System

ITS can help reduce congestion, improve mobility, save lives and optimize our existing infrastructure.

Smart City Solution

One Security and Technology System for the city



- Tourism Sites
- Road Surveillance
- Seizure of Pursued People and Vehicles
- Early Detection Methods
- Securing Streets

- Monitoring Traffic Jams
- Smart Weapons Detection
- Facial Recognition with integrated Databases
- Management of Response and Emergency Teams
- Other Uses

eGov Platform

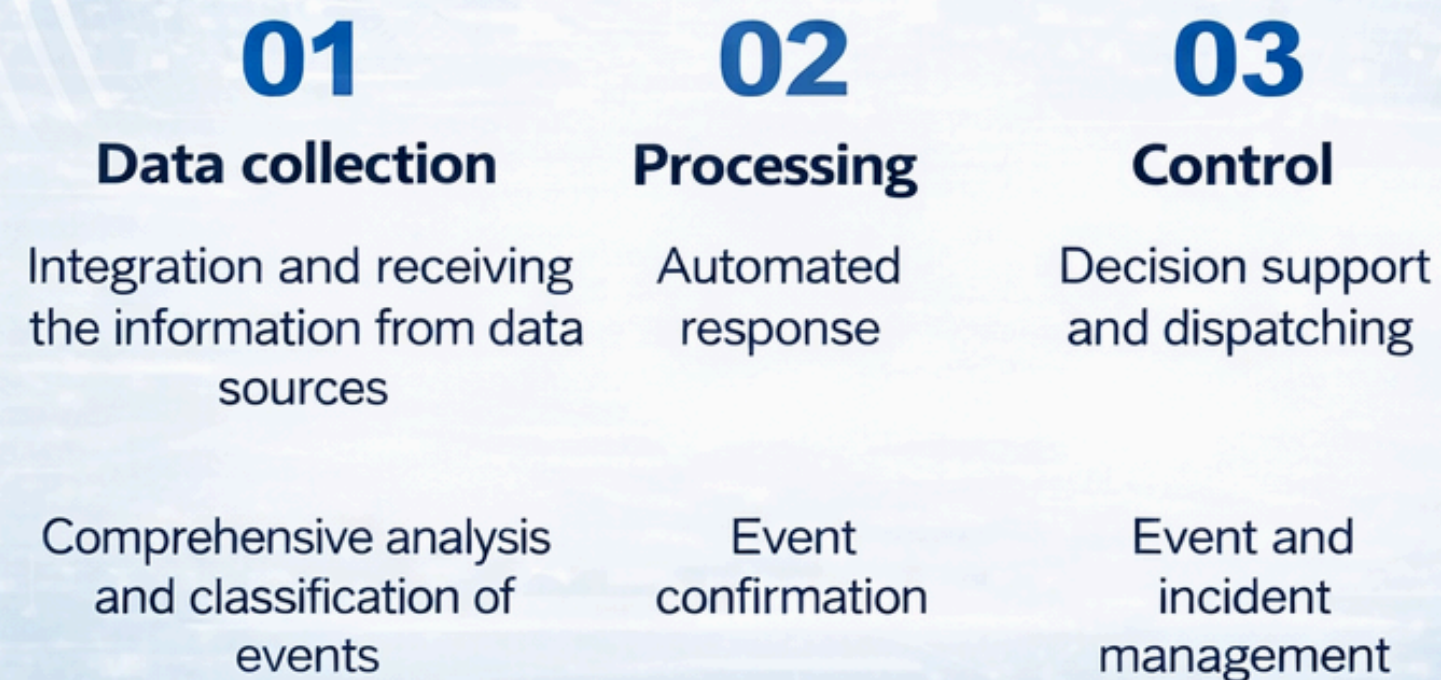
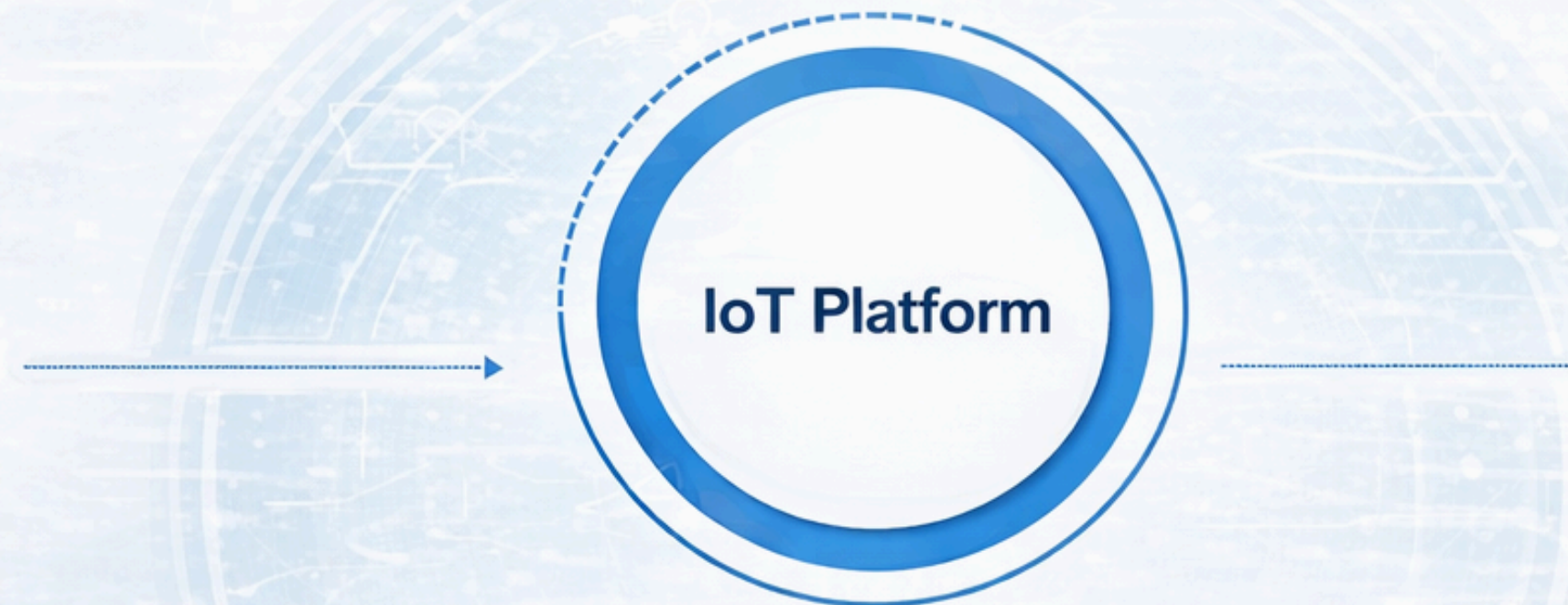


Automated IoT Platform

Physical layer – (Data sources connections)



Logical layer – (data processing) & Communicational layer – (data presentation)



IOT Platform enables interrelated computing, and digital devices to transfer data over a network without requiring human-to-human or human-to-computer interaction.

COMMON DIGITAL FRAMEWORK

Enable effective decision making to improve governance



INTELLIGENT Monitoring System

Intelligent monitoring system collects data to analyze parking space load using the network of digital vision cameras



Unique Innovations

Digital cameras detect violations in 99% of cases thanks to the advance fixation technology.

Complete and reliable parking statistics is ensured by means of artificial intelligence, which allows to identify a car even by a part of its body.

Edge Processing low data bandwidth

Functions of Intelligent Monitoring System

- Detecting violations of vehicle parking and stopping rules (configurable);
- Record parking sessions on paid city parking spaces;
- Gather statistics on the use of city parking spaces;
- Monitor condition of road signs and other on-site facilities of the street and road network.

PARKING MOBILE APP— FIND VACANT PARKING SPOTS AND PAY EASILY



INNOSENSE
TECHNOLOGIES (PVT.) LTD.

APPLE PAY AND GOOGLE PAY

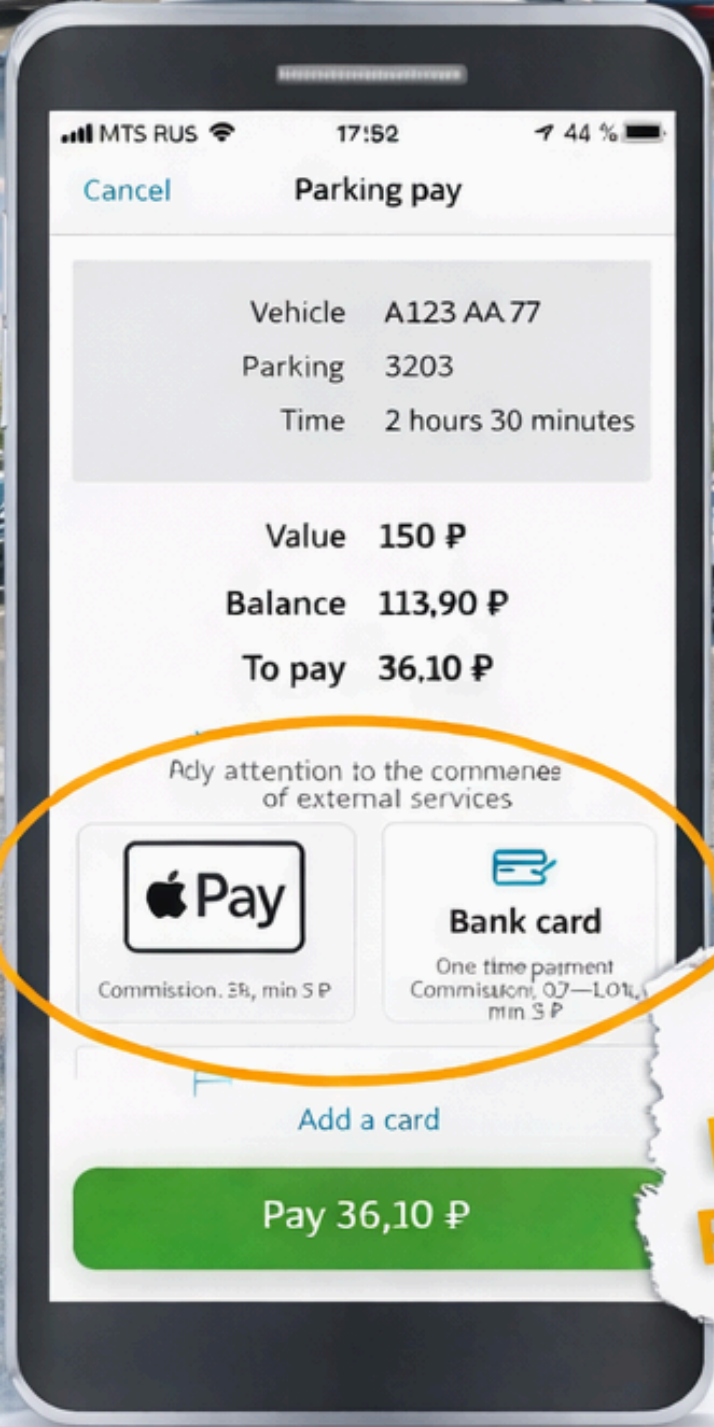
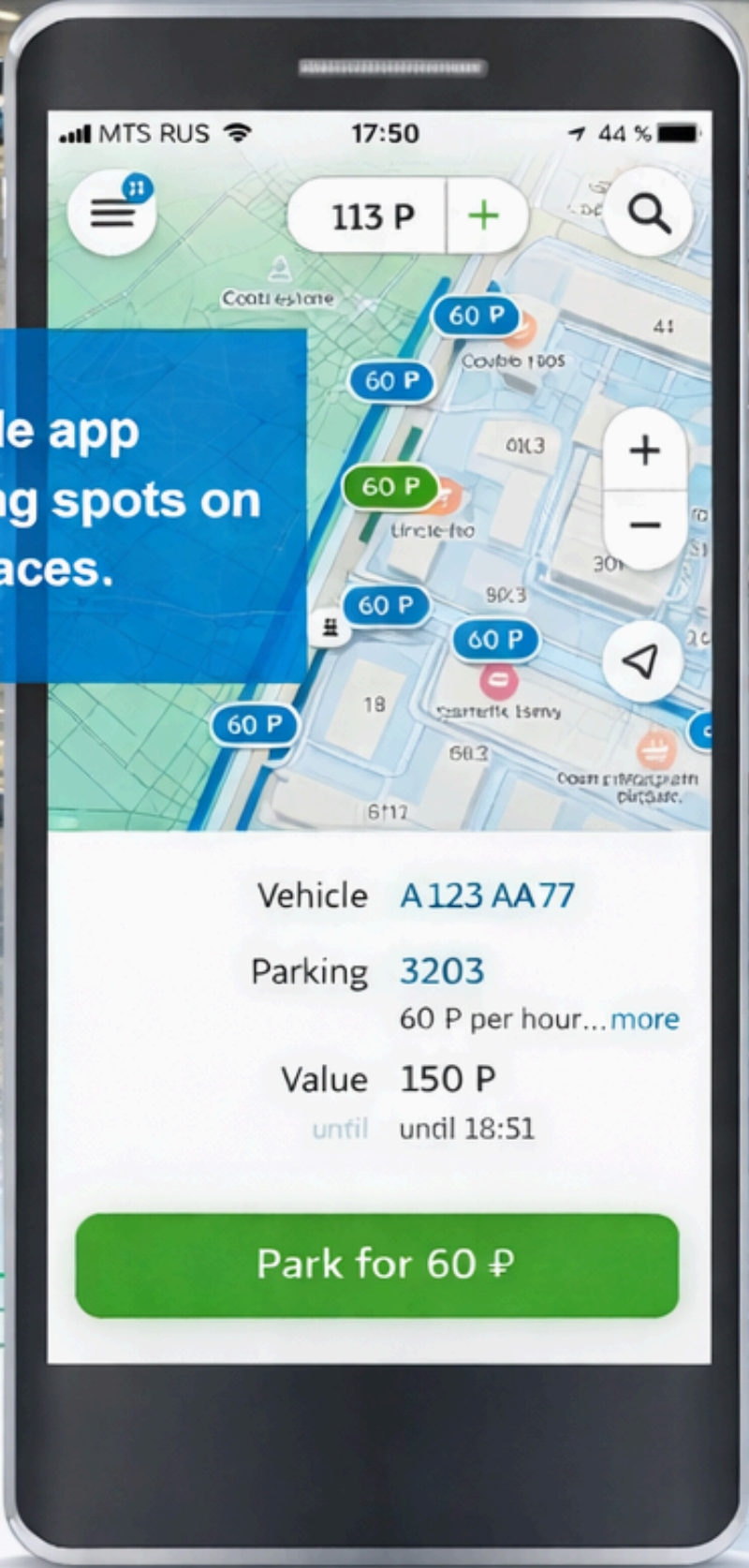
A user pays for parking
via popular payment
services Apple Pay and
Google Pay.



BANK CARD



Smart parking mobile app
shows vacant parking spots on
paid city parking spaces.



**INSTANT
PAYMENT**



INNONSENSE
TECHNOLOGIES (PVT.) LTD.

Geo Tagging of roads and buildings



Input data of Geo-Location to identify Roads, Landmarks etc:
- Create Geo-fence in the System to provide Data Visualization improving City Services



e.g. Visualizing Activities Heat Map in Punjab, Pakistan across Farms, Societies and Canal Revamping open area

Smart Energy Management



INNOSENSE
TECHNOLOGIES (PVT.) LTD.

Services



Controls

Lighting

Management of street, facade, festive and other lighting



Traffic

Real-time traffic monitoring



CCTV

Network of urban video cameras



Parking

Parking occupancy monitoring



Fire safety

Real-time fire alert



Waste

Alert on filling garbage containers



Ecology

Monitoring the environmental b



Smart Energy Management systems
provide Tracking and Monitoring of Energy
Consumption Automatically using

- Smart Governance
- Digital Metering
- Energy Efficiency



Software Development Services

That Drive Business Outcomes

Whether you need a custom enterprise solution, a scalable SaaS platform, or a modern web or mobile app, INNOSENSE delivers expert software development tailored to your business. From product design to API integration and legacy modernization, we build secure, high-performance applications that drive results. Let's build your vision together.

Expert Mobile App Development for Today's User



Native iOS App
Development



Native Android App
Development



Cross-Platform App
Development



Custom Software Development

DEFENSE & SECURITY

Providing a wide range of IT services, from generic industry offerings to specialist military services.

We provide cutting-edge training and simulation solutions to get security forces ready for action. From strategic base to tactical theatre, Defense supplier to dismounted soldier, our networking and systems integration capabilities link and enhance situational awareness.

Services Offered

C4i Solutions

**Business
Intelligence
& Analytics**

**Logistics &
Asset
Management**

**Support &
Managed
Services**

**Surveillance
drone**

**Logistics
drone**

**Single / Double Man
drone**



Electric LED Lights

Providing a wide range of Electric low voltage Lights.

We provide LED bulbs are a cost-effective, durable, and environmentally friendly lighting solution. By offering a wide range of wattages from **12W, 13W, 18W** and upto 50W and above as per user requirements, users can select appropriate lighting according to their energy requirements, room size, and application needs while significantly reducing electricity consumption and maintenance costs.

LED Bulb



LED Ceiling Lights



THANK YOU

CONNECTING FOR A BRIGHTER FUTURE

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