TELEMETRY

SIMPLE SOLUTIONS FOR COMPLEX PROBLEMS

About Us

Technology | Infrastructure | Strategy

i-Telemetry Technologies is a pioneer in automating acquisition and transmission of real-time data from remote sources to IT systems to monitor and analyze data, performance and quality.

We are a digital transformation consultancy and engineering company that delivers cutting-edge solutions for global organizations and technology startups.

PROVIDING SIMPLE SOLUTIONS FOR COMPLEX PROBLEMS

Since 2020 we have been helping companies and established brands reimagine their business through digitalization.

Headquartered in Noida, we have a fully-equipped high-tech technology and R&D center in Noida.

We architect and align your requirements to the best technology and solutions with our expertise. Choose from our range or Contact us to customize your solutions.

"Accelerate your business with Innovative IT solutions"

Who We Are

Digital solutions for consumers

Ensure Security, Scalability & Flexibility

Result-Oriented Mindset

Client-Centric Attitude

Reliable and cost-effective

IT Infrastructure and Environment Intelligence Technology partner helping industries combat data processing challenges with the power of IoT, Data Analytics, and AI-enabled softwares.

24/7 Support

End-to-End Development

Testing & Maintenance

Easy installation & setup

Fully customizable options

Project Planning & Implementation

Our rich technical expertise

Mission

Our mission is to be a market leader of information technology by delivering the most advanced innovations and technology to various industries and business. We want to become a technology partner by creating technology as an easy asset for every business keeping in mind the welfare of our environment and community.

Vision

Our focus is innovating simple yet powerful solutions. We provide technology that gives the end-user ease of operation. Our process includes various steps, from requirements analysis, research, and design creation to development, quality assurance, and support. Our team understands the heart of the technology.

"We believe Technology must be created with creativity"

Value

Our employees are the most valuable resource we possess. We focus not only on their skills and expertise, Our clients are the main key to success, long-term partnership, and close collaboration with quality software services. We take care of services as we believe it to be a key factor in every project's success.

How we do it

Idea

Our team is having wide experience in making innovative crafted ideas on business.

Design

We are experts on crafting project design with 100% satisfactory deliverance results.

Development

We are experts on crafting project design with 100% satisfactory deliverance results.

Test

We always here to test, advise and solve business problems on any aspect of your website.

Go Live

We launch our projects on time with amazing results and brings it with a boom to the market.

Our Solutions / Services

I-TTPL is an award-winning consultancy that uses it solutions to solve complex business challenges

Real Time Data Acquisition & Monitoring System

Data Analytics & Reporting

Automation & Process Control

Security Solutions

Industrial Data Acquisition & Monitoring System

Real time data acquisition & monitoring system

Expertise: End-to-end, secured/encrypted data acquisition, physical/cloud-based data acquisition, real-time.

DATA ACQUISITION SOFTWARE- TELEPRO

Air, Emission & Effluent	PCB Connectivity	Remote Calibration
Camera Monitoring	TelePRO OCEMS	Architecture (N/W, H/W, S/W)
Optima-IoT & DataLogger	Reports	Alerts

How TelePRO Functions

Real-time Monitoring

Accurate Timestamps

Secure Two-Way Communication

Multi-Tenancy & User Access

Data Logging

Delayed Data Flags

Audit Logs

Data Management

Data Storage

Data Organization

Reporting

Workflow Management

Location Mapping

Camera Surveillance

Real-time Alerts

In order to strengthen your pollution control policies, our IoT gateways capture credible and accurate measurements of air, emission and effluent which are then securely transmitted through an API to be displayed on a dashboard and generate custom report and alerts.

Our continuous monitoring systems provide real-time data at higher frequencies and are aimed at facilitating effective pollution reporting, timely mitigation measures, process optimization and better compliance.

Industrial Data Analytics & Reporting

Industrial Asset Management

Asset Performance Monitoring

Yield Optimization & Quality Control

Data visualization & representation (Reports & Alerts)

Industrial Analytics

Asset Performance Monitoring

Manufacturing plant assets are one of your biggest investments, which is why it's crucial to improve the visibility of their utilization on a continuous basis. Our analytics solutions track and monitor asset performance KPIs (asset downtime, waste, production counts, including overall equipment effectiveness (OEE)) intelligently. The insights drive improvements in utilization, reliability and system efficiency, while extending equipment lifecycle.

Yield Optimization

To optimize throughput, industrial manufacturers must strike a fine balance between speed and yield. For this, they need a highly- responsive, automated system to control the process and maximize yield. Prescriptive edge analytics provide the closed-loop, low-latency insights needed to respond to changes in conditions at high speeds. The insights can be integrated with your production and business management systems to help lower manufacturing costs while increasing production.

Quality Control

In high-speed production scenarios, it's common for quality problems to go undetected for a long time until it affects throughput or the brand. Furthermore, high scrap wastage or energy usage can create quality compliance issues. With enhanced industrial data contextualization at the source, you can not only identify the root cause of a quality issue sooner, but also control costs by reducing energy usage and scrap in the production process—at scale.

MOBILE APP DEVELOPMENT

Result-Driven | Customer-Centric | User-Friendly

At i-Telemetry, we leverage top-notch technologies (like Cloud, Artificial Intelligence and Internet of Things) to build compelling applications that deliver complete mobility solutions while catering to the ever-evolving needs of business, industry and end-users. With an in-house team of skilled techies focused on bringing excellence and innovation to each product, we keep a keen eye on emerging trends and offer comprehensive application development solutions that take your business to the next level.

- iOS App Development
- Android App Development
- Hybrid App Development
- UI/UX Design
- Strategy & Consulting

Industries we cater

- Healthcare
- Real Estate
- Banking & Finance
- E-Learning
- Transport & Logistics
- M-Commerce (B2B and B2C)
- Media & Entertainment
- Travel & Hospitality

Why i-Telemetry for Mobile App Development?

✓ Feature customizations for your business, at the best prices, in the shortest time

✓ Dedicated team for product support, maintenance, upgrades & enhancements

✓ Project development tracking with timely progress reports

✓ Rigorous testing to ensure end-product drives profitability

✓ In-house team of experts & experienced analysts, designers and developers

✓ Development of highly innovative solutions that are secure & scalable

"Mobile Applications Customized to Meet Every Business Need "

We have developed best-in-class native and hybrid mobile applications across industry verticals for small, medium and large scale enterprises. From careful planning and efficient resource utilization to finding the right technology and delivering products built for success, we offer best-in-class mobile app development services.

We **Specialize** in

TelePRO

Software Solutions

Environment Management

End-to-end IT Services

Water Management

TelePRO Android App

Our innovative and interactive dashboards help you track key metrics and critical data points using effective data visualization and data analytics. Our dashboards are especially designed to empower both technical and non-technical users to monitor, measure and analyse real-time intelligence to make well-inform Decision

With a team of 60+ subject matter experts, we have successfully completed 90+ projects across 2200+ enterprises.

CAMERA CONNECTIVITY

iTELEMETRY

We Take Care of Your Environment Data Management & Compliance Needs

Tech. Support to integrate Cameras with PCBs

Easy Integration

RTSP Based

Direct Feed

PTZ Controls

Our IoT enabled comprehensive solutions are designed in accordance with the latest SPCB/ CPCB guidelines to ensure uninterrupted connectivity, regulatory compliance and low operating costs. As pioneers and experts, we have successfully designed, installed and maintained robust and secure continuous emission/effluence monitoring systems across a wide range of industries.

Services We Offer

Continuous Emission Monitoring Systems

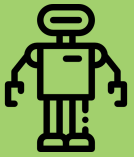**SPCB/CPCB Data Connectivity Systems**

Camera Connectivity to SPCB/CPCB

Optima Series

Data Logging & Archival

Hassle Free Configuration (Wireless)

Graphical User Interface

Automation of assets

Modbus Analog TCP/IP

LTE Onboard HMI/LCD

Optima IoT

| Automation | Asset Management | Remote Calibartion |

Optima Data Logger

Logging　　　Transfer　　　Archival

Optima Signage

Plug & Play　　　Realtime Data　　　HDMI Output

Industrial Automation Services

Line Optimization & Re-calibration

Automated Quality Inspection Systems

Process Automation Services

Factory Automation

Batch Process Automation

Manufacturing Execution System (MES)

Industrial Automation
Process Control

Industrial Asset Management Improve Reliability with Plant and Machine Maintenance Services - An effective asset management strategy can help you improve asset availability, boost OEE, and reduce your MRO spend on a day-to-day basis. Our Industrial Asset Management services can help you get the most from you operations, proactively address downtime issues, and help manage risks.

Industrial Asset Management

Data-driven Asset Management Strategies

A comprehensive asset management strategy combined with the right technology can transform maintenance from an expense into a strategic, competitive asset

Take Performance to a New Level and Get Ahead of Downtime IssuesOur reliability tools, assessments, and performance monitoring can help you get the most from your assets and identify issues before they materialize into downtime events. We use a scalable approach to service your performance and reliability demands. Certified by the Society for Maintenance and Reliability Professionals, our domain experts can help you:
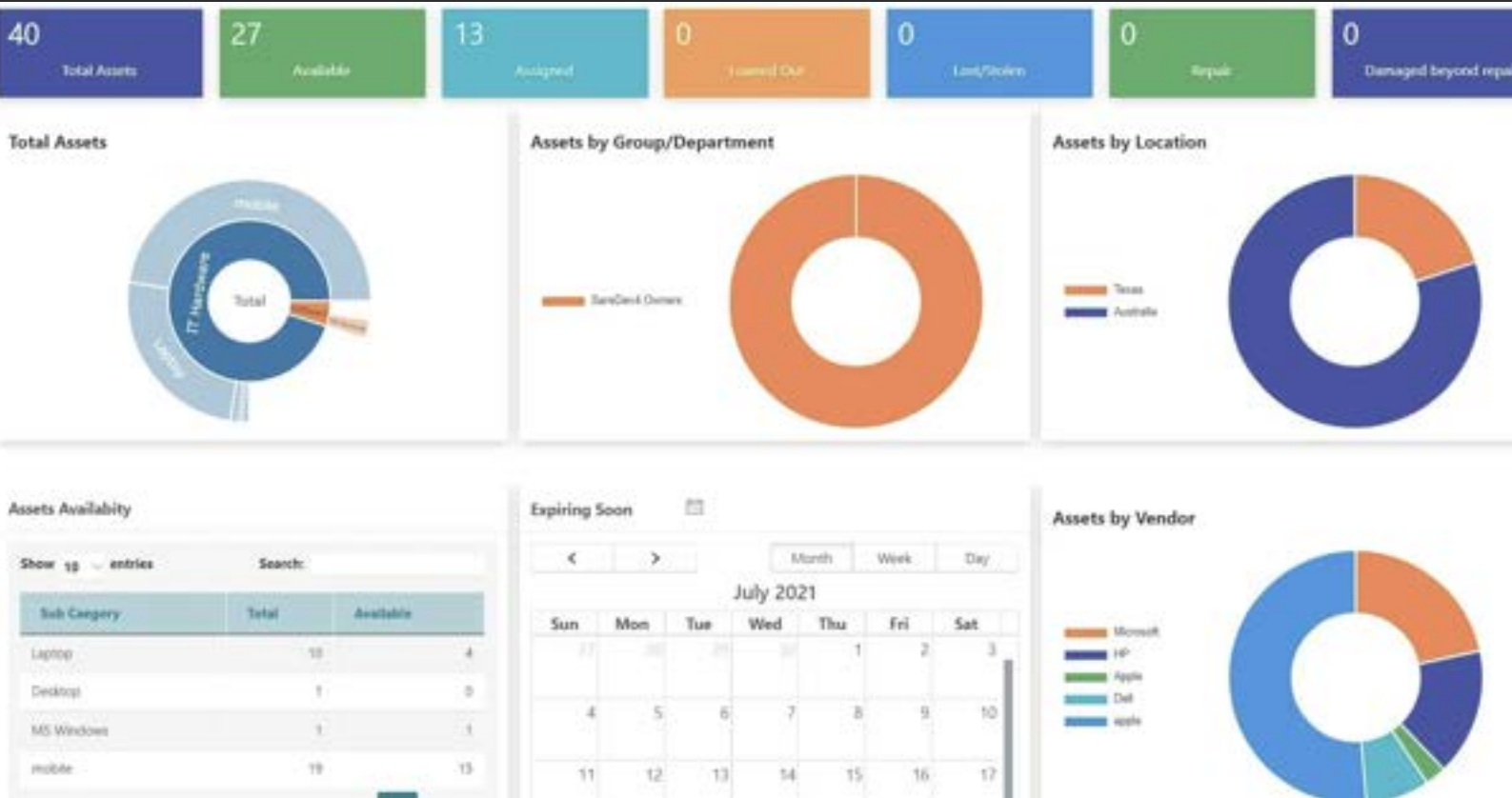
Digest the data | **Develop the solution** | **Perform the remediation**

Asset Performance Management

Asset and Plant Optimization

Data-driven services improve operational and financial performance reduce costs & improve your maintenance decisions by applying our expertise to your plant data.

Inventory Services

Transform Your Inventory Management into a Lean, Cost-saving Machine

Do you have a build-up of unnecessary inventory?

Are you missing cost savings that could come from optimizing your storeroom? Or maybe you want to improve the reliability of your spare-parts inventory to keep operations running? Take the headache out of repair and inventory management with improved processes and service agreements. Our Inventory Services can help you:

Have ready access to the right spare parts, when you need them

Reduce your MRO costs and improve maintenance decisions with MRO demand management

Improve your storeroom design and processes for continuous cost savings

Provide comprehensive inspection and testing to ensure the integrity of critical spare

Storeroom Management /Parts Management

MRO Inventory Management

FLEET
Management

TELEMETRY

DVIR Defects

DTC Alerts

Manufacturing

Recalls

Maintenance Schedules

Fuel Receipts

Vehicle Inspection

Driver Assignments

Fleet and OEM tendering	Safety Reporting & Insights
Telematics and risk management	Asset Tracking & GPS Fleet Tracking
Supply chain assessments	Mobile Experience Management
Equipment Monitoring	Reports & Alerts
Site Visibility & Security	Cloud based platform overview

Solutions

Fleet Management

Track every detail about your vehicles and equipment from cradle to grave.

Fleet Maintenance

Schedule and automate in-house and third-party maintenance processes.

Fuel Management

Simplify fuel data collection and gain insight into costs and fuel economy.

Equipment Management

Maintain control of small equipment and tools from anywhere.

Features

Preventive Maintenance:

Stay on top of preventive maintenance tasks for every asset.

Inspections:

Maintain compliance with electronic inspections.

Issue Management:

Resolve issues quickly to maximize uptime.

Driver Assignments:

Assign vehicles and equipment to drivers and operators.

Work Orders:

Plan, schedule and track service tasks and costs.

Parts & Inventory:

Track part quantities, record usage and reorder with ease.

Reporting:

Understand the true cost of running your fleet.

Mobile App:

Maintain control of small equipment and tools from anywhere.

Integration

Integrations Overview

Capture all your fleet data in one place with seamless integrations.

Maintenance Shops

Streamline third-party maintenance provider orders, approvals and billing.

GPS & Telematics

Sync odometer readings, manage DTC alerts and view current asset locations.

Fuel Cards

Automatically import fuel transactions and receive alerts for invalid odometers.

Control the chaos of fleet management in any industry

Amazon Delivery

Reduce wasted time and costs by managing your Amazon delivery fleet with a centralized fleet management software.

Aviation Fleet

Take control of your maintenance workflow including expenses while reducing downtime for all of your aircraft fleet assets.

Construction

Automate construction fleet operations to reduce asset downtime, lower fuel costs and ensure compliance.

Vessel

Keep your vessel fleet sailing with a solution to manage maintenance, inspections, inventory and expense control.

Contractor & Electrician

Charge up your contractor fleet management solutions with digital vehicle inspections, tracking and automated maintenance workflows.

Education

Better solutions for education fleets that allow you to seamlessly track spending and improve driver safety.

Farm Equipment

Simplify your maintenance program and effectively manage your fleet to maximize the lifespan of your farm equipment and vehicles.

Food & Beverage

Streamline food & beverage fleet operations through mobile app-based inspections and streamlined route efficiency.

Government

Ease the burden on your government fleet while improving vehicle utilization and across-the-board regulatory compliance.

HVAC

Improve every aspect of your fleet management operations and maximize efficiencies across your HVAC fleet.

Waste Management

Gain full control over vehicle maintenance, driver safety and fuel expenses for your waste management fleet.

Utility

Equip your utility fleet with paperless, mobile inspections and better control over fuel efficiency.

Plumbing

Gain visibility across your plumbing fleet with proactive solutions to track vehicles, prevent downtime and manage expenses.

Transportation
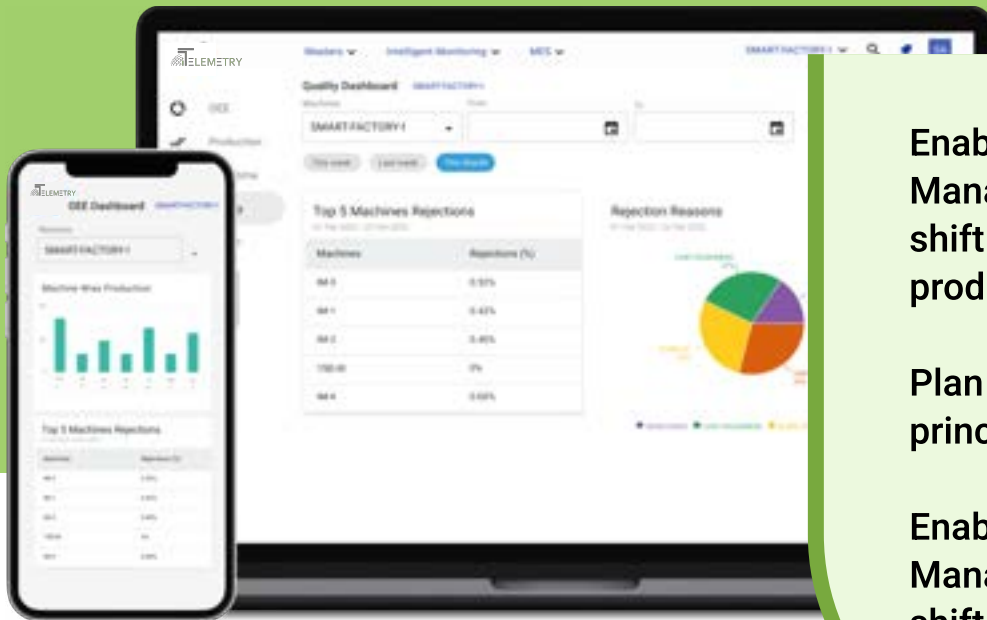
Take your transportation fleet even further with robust driver tracking and maintenance management capabilities.

Trucking

Mobilize your trucking fleet with better fuel cost control, driver management capabilities and productivity enhancements.

Oil & Gas

Enhance your oil & gas fleet through streamlined communication, collaboration and robust maintenance tracking capabilities.

Vehicle Leasing

Real-time tracking, better visibility into fuel costs and mobile inspections—all available to your vehicle leasing fleet.

TELEMETRY

Manufacturing
Execution System

TELEMETRY

Enables Production & Planning Manager to efficiently plan the shift wise/daily/weekly production

Plan Production based on lean principles to avoid wastage

Enables Production & Planning Manager to efficiently plan the shift wise/daily/weekly production

With App You Get:

Better Control

Get one system that connects production planning, execution, downtime, quality and customer orders

Higher Utilization

Trace and control inefficiencies and deviations on real time basis

Power of data

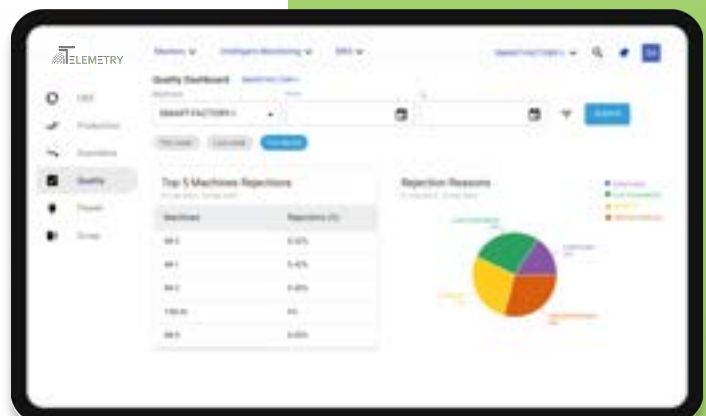Set key red flags and get alerts that need intervention and take decisions based on metrics

Production Planning & Execution

Downtime Tracking

Maintenance Management

Order Tracking

Quality Management

SECURITY SOLUTIONS

Transition from reactive risk mitigation strategies towards more intelligent and adaptive security models to stay a step ahead of threats to data confidentiality and integrity. At i-Telemetry, we take a dynamic and comprehensive approach to ensure timely risk identification and management through real-time security intelligence.

Make Security A Priority With Our Specialized Solutions

- Threat & Vulnerability Management
- Identity & Access Management
- Security Strategy & Operations
- Data Centre & Cloud Safety Management
- Application Security
- User Management – Authentication & SSO

Permit
- Authentication, Authorization & Accounting
- Multifactor Authentication
- Network Segmentation stitch
- Physical Security
- Secure Remote Access

Protect
- DLP, HIPS, Whitelisting
- Endpoint protection, Anti-malware, Vulnerability Scan
- Patch Management & Multi Layered Protection
- Comprehensive Endpoint Security and Control
- Network Protection- Firewall, Port Scan Attack Prevention, DDOS Attack Prevention

Detect
- Security Information & Event Management (SIEM)
- Network performance monitoring
- Asset Identification
- Anomaly detection
- Intrusion detection

Response to windows
- Backup, disaster recovery
- Forensics & incident response

Our Clients