



ENTERPRISE TELEMATICS & BANKING ASSET SECURITY

CORPORATE COMPANY PROFILE

Comprehensive institutional dossier for Commercial Banks, Leasing Modarabas, Financial Institutions, and Corporate Enterprise Fleets across Pakistan.

★ USA-BASED TECHNOLOGY & DUAL-LENS AI FLEET INTELLIGENCE

Detect driver fatigue, phone use, and road hazards instantly with automated video clipping, near real-time live tracking (up to 5s–10s refresh), and immediate remote engine lock.



SECP Registered
Inc. 20 Jan 2026



PTA Class Licensed
Type-Approved Hardware



24/7 Security SOC
Police 15 Linkage



24–48h SLA Network
Nationwide Coverage

Corporate Headquarters:

Office #303, 3rd Floor, United Mall, Abdali Road, Multan, Pakistan
UAN: 03-111-777-354 | Landline: 061-4500005

DOC REF: ATS-CORP-2026-V1

www.advancetracksystem.com
support@advancetracksystem.com

CORPORATE GOVERNANCE

Pioneering Intelligent Telematics in Pakistan

Advance Track System (Pvt) Ltd is an SECP-incorporated, PTA-licensed telematics engineering firm delivering mission-critical vehicle tracking, IoT sensors, banking asset protection, and AI video telematics across Pakistan.

20 Jan 2026

SECP INCORPORATION

PTA Class Lic.

REGULATORY STATUS

24-48 Hrs

NATIONWIDE FITMENT SLA

99.98%

CLOUD UPTIME SLA

VISION STATEMENT

To be Pakistan's most trusted, technologically superior IoT telematics and risk-mitigation partner for commercial banks, leasing institutions, insurance carriers, and corporate supply chains—setting the national benchmark for zero-latency asset visibility and automated security intervention.

MISSION STATEMENT

To eliminate vehicular risk, collateral default, and operational opacity through enterprise-grade tracking hardware, zero-wire-splice installation techniques, sub-second telemetry algorithms, automated bilingual voice alerts, and institutional bank recovery portals.

CORPORATE FACT SHEET

Parameter	Official Corporate Details
Full Corporate Name	Advance Track System (Pvt) Ltd
Statutory Registration	Securities and Exchange Commission of Pakistan (SECP) under Companies Act 2017
Date of Incorporation	20 January 2026
Telecommunications Authority	Pakistan Telecommunication Authority (PTA) — Class Licensed / Type-Approved Devices
Corporate Headquarters	Office #303, 3rd Floor, United Mall, Abdali Road, Multan, Punjab, Pakistan
Regional Presence	Nationwide Operational Reach: Lahore, Karachi, Islamabad, Rawalpindi, Faisalabad, Peshawar, Multan, Gujranwala, Sialkot, Quetta
Telephony & Contact	UAN: 03-111-777-354 Landline: 061-4500005 Email: support@advancetracksystem.com
Primary Banking Channels	Commercial Bank Accounts maintained for Institutional Escrow, Billing, and Automated Debit

Institutional Reliability & Zero Regulatory Friction

Advance Track System operates with full regulatory compliance. All GSM/GNSS tracking hardware deployed across client vehicles is legally type-approved by the Pakistan Telecommunication Authority, ensuring guaranteed SIM connectivity on Tier-1 national cellular networks without threat of regulatory blacklisting.

EXECUTIVE GOVERNANCE

Visionary Leadership & Technical Mastery

Advance Track System is steered by a forward-looking board combining strategic corporate management, telematics cloud architecture, and nationwide field execution.


Adil Shahab
Chief Executive Officer (CEO)

Steering the corporate vision, strategic banking alliances, and regulatory compliance. With extensive background in automotive telematics and enterprise operations, Adil drives the company's institutional growth and financial partnerships nationwide.


Muhammad Ahsan
Director & Chief Technology Officer (CTO)

The chief architect behind Advance Track System's entire proprietary cloud platform, high-throughput GPS ingestion engine, ERP architecture, specialized Bank Leasing Portal, and ATS AI™ neural algorithms. Directs end-to-end software innovation and R&D.


Muhammad Umar
Director — Operations & Fleet Logistics

Overseeing the company's nationwide technical field force, emergency response protocol, supply chain, and client SLA fulfilment. Directs rapid-installation teams and vehicle recovery liaisons with law enforcement agencies across all provinces.

Institutional Governance & Risk Management Commitment

The Board enforces strict data privacy, zero unauthorized data disclosure, and dual-layer operational audits. All bank client records, vehicle locations, and immobilization controls are cryptographically isolated with multi-factor authentication (MFA) and immutable audit logging.

✓ Proprietary In-House Engineering

Unlike resellers dependent on generic third-party software, ATS owns its complete software stack, enabling custom bank API integrations, bespoke risk workflows, and sub-second modifications.

✓ Stringent Quality & Tamper Audits

Every technician must log digital photographic proof of device concealment and tamper-seal verification before an installation certificate is digitally stamped.

CERTIFIED VEHICLE INTEGRATION

Enterprise Hardware: Zero Wire-Cut to Industrial Telematics

We deploy grade-A, PTA type-approved IoT telemetry hardware specifically selected to protect vehicle electronic health, preserve 100% manufacturer warranty, and survive harsh environmental operating conditions.

OBD-II Smart Plug & Play Tracker

100% Warranty Safe

The Gold Standard for Bank-Leased New Vehicles. Plugs directly into the standard vehicle diagnostic port in 30 seconds without a single wire cut.

- ✓ **Zero Wire Splicing:** 100% preserves dealership warranty (Toyota, Honda, Suzuki, Hyundai, Kia, Changan, Haval).
- ✓ **Direct CAN-Bus Telemetry:** Reads vehicle speed, RPM, battery health, odometer, and diagnostic trouble codes (DTC).
- ✓ **Instant Plug-Out Tamper Alarm:** Generates immediate voice call & WhatsApp alert if unseated from port.
- ✓ **Internal Backup Battery:** Continues broadcasting for up to 3 hours after vehicle engine shutoff.

Hardwired Enterprise 4G LTE

Concealed Fitment

Stealth Security for High-Risk Fleets & Commercial Cargo. Deeply concealed in the vehicle chassis or engine compartment with anti-tamper harness.

- ✓ **Safe Deceleration Engine Cutoff:** Remote starter relay immobilizer safely halts stolen vehicles at sub-20 km/h speeds.
- ✓ **Main Power Disconnect Detection:** Triggers instant emergency alert if main vehicle battery cable is cut.
- ✓ **Internal Flash Memory Buffer:** Stores 10,000+ coordinates during cellular blackspots and syncs upon reconnection.
- ✓ **Ignition Status Line (ACC):** Exact trip start, stop, idle duration, and fuel consumption calculation.

Teltonika Industrial Telematics

European Benchmark

Heavy Commercial & Construction Equipment (FMB920 / FMC130 / FMC650). Ruggedized European telematics for demanding industrial and oil-marketing fleets.

- ✓ **Heavy CAN / J1939 / FMS:** Heavy-duty truck telemetry reading exact fuel level in liters, axle weights, and engine hours.
- ✓ **Bluetooth BLE 4.0 Sensor Hub:** Connects wireless temperature probes, magnetic door sensors, and driver RFID beacons.
- ✓ **IP67 Waterproof & Dustproof:** Withstands heavy vibration, extreme desert heat, and monsoon downpours.

Magnetic Waterproof Asset Tracker

Unpowered Cargo

Autonomous Tracking for Shipping Containers, Generators & Trailers. Zero wiring required; deployed via high-strength industrial magnets.

- ✓ **10,000mAh+ Rechargeable Battery:** Up to 3 years standby life on smart power-saving sleep mode.
- ✓ **Ultra-Strong Neodymium Magnets:** Grips firmly to steel chassis even across bumpy off-road terrain.
- ✓ **Light-Sensor Removal Alarm:** Triggers immediate distress signal if peeled off the asset.

Why Financial Institutions Mandate ATS OBD-II Technology

Auto-lease default is a critical risk, but traditional wire-tapping frequently voids vehicle factory warranties, leading to disputes between banks, dealerships, and lease customers. Advance Track System's OBD-II Plug & Play architecture solves this entirely—providing 100% manufacturer warranty safety alongside instant tamper notification.

PROPRIETARY TECHNOLOGY STACK

Dual-Lens AI Video Intelligence & Sub-Second Telemetry

★
USA-BASED TECHNOLOGY & DUAL-LENS AI FLEET INTELLIGENCE

Detect driver fatigue, phone use, and road hazards instantly with automated video clipping, near real-time live tracking (up to 5s–10s refresh), and immediate remote engine lock.

Dual-Lens AI Dashcam (ADAS & DMS)

Integrated high-definition road and in-cabin computer vision cameras powered by edge neural processors for Cash-in-Transit (CIT) armored cars and passenger fleets.

- Road ADAS:** Forward collision warning, tailgating alerts, lane departure, and sudden brake hazard detection.
- Cabin DMS:** Detects driver drowsiness, eye closure, mobile phone usage, smoking, and seatbelt violations.
- Automated Cloud Video Clips:** 15-second HD event videos automatically upload upon accident or harsh impact.

ATS AI™ Fleet Intelligence Engine

Our in-house neural conversational assistant and predictive analytics engine transform raw telemetry data into executive insights.

- Natural Language Fleet Queries:** Ask in plain English or Urdu: *"Which vehicles exceeded 100 km/h today?"*
- Automated Driver Risk Scoring:** Evaluates cornering, rapid acceleration, harsh braking, and nighttime driving.
- Predictive Maintenance Alerts:** Automated engine diagnostic summaries and scheduled service reminders.

SOFTWARE ARCHITECTURE & TELECOM INTEGRATION

Sub-Second Road-Snap

Proprietary map-matching algorithms snap raw GPS fixes directly to Pakistani highway and urban road geometries, eliminating GPS drift and false geofence alarms.

Urdu & English RoboCalls

Instant automated voice telephony calls the vehicle owner within 3 seconds of a critical theft, towing, or battery disconnect event, speaking the vehicle plate in natural Urdu.

WhatsApp Emergency Push

Immediate WhatsApp alerts delivered with exact street-level location, vehicle speed, and clickable Google Maps deep-links for instant law enforcement sharing.

Cross-Platform Native Mobile Applications

Native iOS & Android Apps with Real-Time Push Alerts & Complete Urdu RTL Interface

Direct Scan to Install



Apple App Store

Scan with iPhone camera · iOS 13.0+

- Face ID & Touch ID Auth
- Real-Time Geo-Push Alerts
- One-Tap Remote Cutoff



Google Play Store

Scan with Android camera / Lens

- Fingerprint Bio Authentication
- Complete Urdu RTL Navigation
- Low-Battery Background Watch

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FINANCING ASSET PROTECTION

Specialized Banking & Auto-Lease Risk Suite

Purpose-built for Bank Credit Committees, Asset Recovery Departments, and Auto-Lease Risk Managers. We turn vehicular collateral into safe, auditable, and recoverable assets.

Digital Certificate of Installation (COI)

Zero Paperwork Delay for Lease Disbursement. Automatically generated tamper-proof digital certificates stamped by certified technicians.

- ✓ **Cross-Verified Asset Data:** Engine number, chassis number, vehicle make, model, registration plate, and tracker IMEI.
- ✓ **Geotagged Photographic Proof:** High-resolution photographs of device fitment, tamper seal, and vehicle odometer.
- ✓ **Instant Bank PDF Dispatch:** Directly downloadable or sent via secure API to the bank's loan operations system.

Dual-Authorized Remote Immobilization

Institutional Asset Recovery Without Legal Liability. Enforces strict dual-control authorization before sending vehicle engine cutoff commands.

- ✓ **Two-Officer Confirmation:** Recovery officer initiates; senior bank risk manager authorizes via MFA code.
- ✓ **Safe Deceleration Protocol:** Engine cutoff executes only when vehicle speed drops below 20 km/h, preventing road accidents.
- ✓ **Immutable Audit Trail:** Every immobilization command is permanently logged with officer ID, timestamp, and GPS coordinates.

DEDICATED BANK & LEASING PORTAL (/BANK)

Bank Risk Feature	Operational Workflow	Bank Benefit
Lease Portfolio Heatmap	Aggregated dashboard viewing all financed assets color-coded by loan status (Current, 30-Day, 60-Day, Default).	Instant macro-visibility across national auto-finance portfolio.
Prohibited & Border Geofences	Automated alert triggers if a leased vehicle approaches Afghan border routes, unauthorized provincial exits, or red-flagged chop shops.	Prevents illegal inter-provincial smuggling before vehicle leaves coverage.
Tamper & Disconnect Alarms	Immediate notification if tracker is unplugged, battery is removed, or GPS jamming signal is detected.	Zero blind spots; rapid recovery team deployed within 15 minutes.
Monthly SLA Compliance Audit	Automated monthly executive PDF report detailing tracker uptime, healthy telemetry percentages, and device inspection logs.	Auditor-grade compliance reporting for internal bank inspection.

Seamless Core-Banking & Loan Management API Integration

Our proprietary RESTful API allows commercial banks to seamlessly integrate vehicle tracking status, live odometer readings, and automated default immobilizations directly into their existing Core Banking Systems (CBS) and Loan Origination Systems (LOS).

OPERATIONAL FOOTPRINT

Nationwide 24–48h SLA & 24/7 Security Operations

We operate an agile field engineering network backed by a round-the-clock Security Operations Center (SOC) ensuring certified doorstep installation and immediate emergency response across Pakistan.

24–48 Hour Nationwide Fitment SLA

Certified mobile technicians equipped with diagnostic scanners and anti-tamper tooling deploy directly to customer residences, dealerships, or corporate warehouses.

Punjab: Lahore, Multan, Faisalabad, Rawalpindi, Gujranwala, Sialkot, Bahawalpur, Sargodha, Rahim Yar Khan.

Sindh: Karachi, Hyderabad, Sukkur.

Khyber Islamabad Capital Territory, Peshawar,

Pakhtunkhwa: Abbottabad, Mardan.

Balochistan: Quetta, Hub Industrial Estate.

24/7/365 Emergency Monitoring SOC

Our Security Operations Center in Multan and regional control rooms monitor active vehicle telemetry 24 hours a day, 365 days a year.

Immediate Alert Verification: Tamper, battery-cut, and geofence breach alarms verified in <60 seconds.

Police 15 & NHMP Liaisons: Dedicated dispatch officers coordinate real-time tracking links with local police & motorway patrol.

Emergency Towing & Roadside Aid: Rapid coordination for breakdown towing and emergency recovery.

FUTURE TECHNOLOGY & IOT ROADMAP



EV Telematics & Battery State-of-Health (SoH)

Dedicated CAN-bus decoders for electric commercial vehicles, monitoring battery cell temperature, state-of-charge (SoC), charging cycles, and regenerative braking efficiency.



Cold-Chain IoT (Pharma & Perishables)

Wireless Bluetooth BLE temperature and humidity probes logging continuous cold-chain data from -30°C to +60°C with automated excursion alarms for pharmaceutical logistics.



BLE Wireless Tire Pressure Monitoring (TPMS)

Real-time tire pressure and temperature telemetry for heavy transport trucks, eliminating blow-outs and reducing highway fuel consumption by up to 4.5%.



Hybrid Satellite-Cellular Redundancy

Seamless dual-mode failover to Iridium/Inmarsat satellite data streams when corporate cargo transits across remote cross-border economic corridors without cellular signals.

Guaranteed Technical Support SLA

Corporate and bank accounts receive a designated Technical Account Manager, priority ticket resolution under 2 hours, and complimentary quarterly hardware health checks across their active fleet.

COMMERCIAL OFFERINGS

Tiered Solutions Comparison Matrix

Transparent, scalable telematics packages tailored for individual vehicle owners, commercial enterprises, and institutional bank financing portfolios.

Feature / Capability	Basic Package	Standard Package (Popular)	Premium AI Package
GPS Tracking Refresh Interval	30 Seconds	10–15 Seconds	5–10 Seconds (Ultra-Fast)
Live Interactive Map & Road-Snap	✓	✓	✓
Trip Playback & History Storage	30 Days	90 Days	365 Days (Full Year)
Remote Engine Immobilization (Cutoff)	✓	✓	✓ (Dual-Authorized)
Battery Disconnect & Towing Alarms	✓	✓	✓
Bilingual Voice RoboCalls (Urdu/En)	—	✓ (Emergency Only)	✓ (All Critical Alerts)
Instant WhatsApp Push Notifications	—	✓	✓
ATS AI™ Fleet Intelligence Assistant	—	Basic Queries	✓ Full Neural Engine
OBD-II CAN Diagnostics (Zero Wire-Cut)	Optional	✓ Supported	✓ Supported + DTC Codes
Dual-Lens AI Dashcam (ADAS & DMS)	—	—	✓ (Hardware Add-on)
Bank Portal & Digital COI Generation	—	✓	✓ Priority Audit Queue
Customer Support & Operations SLA	Standard Helpline	24/7 Helpline	Dedicated Account Mgr

INSTITUTIONAL CONTACT DOSSIER

ADVANCE TRACK SYSTEM (PVT) LTD

SECP Reg. Inc. 20 January 2026 · PTA Class Licensed

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Office #303, 3rd Floor, United Mall, Abdali Road, Multan,
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Regional Operations Presence:
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Official Web Portal
Scan to visit website

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