T-ALL Inspection Group

A World-Leading TIC Company in Oil & Gas and New Energy

en.t-all.cn

Company Profile

Overview

Core Services

Key Capabilities

Value Contribution

Corporate Culture

Overview

T-ALL is a leading Testing, Inspection, and Certification (TIC) partner delivering independent, high-value assurance solutions across the Oil & Gas and New Energy sectors.

TIC Council Member

10,000+ Customers

50+ Global Accreditations

20+ Global Branches

We partner with clients across the entire asset lifecycle, from concept development and FEED through engineering, procurement, and construction to operations, leveraging integrated TIC expertise, digitalization, and AI-driven solutions to ensure lifecycle continuity, optimize asset performance, and proactively manage risks.



Markets & Industries

ENERGY & NATURAL RESOURCES

- Oil & Gas (Upstream, Midstream, Downstream)
- Power & Utilities
- Renewable Energy
- New Energy
- Mining & Metals

INDUSTRIAL & INFRASTRUCTURE

- Manufacturing & Industrial Equipment
- EPC & Construction
- Infrastructure & Transportation
- Marine & Offshore



Core Services

Testing



Inspection



Asset Integrity & Reliability



Value-Added Services



Core Services: Testing

Comprehensive conventional and advanced customized testing technologies enable accurate, intelligent asset-condition diagnosis and ensure safe, compliant operations.

NDT

- ✓ UT/ MT/ PT/ RT
- ✓ Magnetic Flux Leakage (MFL)
- ✓ Eddy Current Testing (ECT)
- ✓ Acoustic Emission Testing (AET)
- ✓ Phased Array UT (PAUT)
- ✓ Automated UT (AUT)
- ✓ Long Range UT (LRUT)
- ✓ Short Range UT (SRUT)
- ✓ Digital Radiography Testing (DRT)
- ✓ Pulsed Eddy Current(PEC)

Leak Detection

- ✓ LDAR
- ✓ Gas Leak Monitoring
- ✓ Nitrogen Services
- ✓ Helium-Nitrogen Leak Testing
- ✓ Flange Management
- ✓ Industrial Cleaning

Pipeline Inspection

- ✓ In-line Inspection
  - · Caliper
  - · MFL
  - · UT
  - · MFL + TFI
  - · Foam Eddy Current
  - · Crack
  - · Large Deformation Geometry
  - · Self-Propelled for Unpiggable
- ✓ External Inspection
- ✓ Pipeline Patrol

Metrology & Calibration

- ✓ Mechanical
- ✓ Thermal
- ✓ Dimensional
- ✓ Electrical
- ✓ Chemical
- ✓ Device Safety Valve
- ✓ Gas Cylinder Inspection

Gas-Tightness Testing

- ✓ Casing Threaded Connection
- ✓ Tubing Threaded Connection

Corrosion Monitoring

- ✓ CP System Assessment
- ✓ Corrosion Rate Monitoring
- ✓ Lab Corrosion Tests

New Energy Testing

- ✓ Wind Power
- ✓ Photovoltaic
- ✓ BESS Testing & Assetment

Environmental Monitoring

- ✓ Soil/ Air/ Water/ Noise



Core Services: Inspection

A full-process inspection system covering manufacturing, installation and construction accurately verifies product conformity and engineering compliance, ensuring both product and project quality.

Vendor Inspection

- ✓ Vendor Qualification & Audit
- ✓ Supply Chain Quality Control
- ✓ SPI / TPI
- ✓ Expediting
- ✓ Document Review
- ✓ Factory Acceptance Tests
- ✓ PSI
- ✓ Testing

Site Inspection

- ✓ Project & Site Management Support
- ✓ Construction Supervision
- ✓ On Site QA / QC
- ✓ On Site HSE
- ✓ Monitor Mechanical Completion Activities
- ✓ Witness Pre-Commissioning Activities
- ✓ Commissioning & Test Run
- ✓ Supervision
- ✓ CNDT & ANDT



Core Services: Asset Integrity & Reliability

We go beyond Inspection to deliver Risk-Based, lifecycle Asset Integrity Management, Integrating Engineering, Technology & Digital Intelligence to enhance Safety, maximize Asset Reliability & create Sustainable Business Value.

- Asset Integrity Management (AIM)
- Risk-Based Inspection (RBI)
- Fitness For Service (FFS)
- Reliability Engineering
- RAM Modelling & Availability
- Well Integrity Management (WIM)
- Pipeline Integrity Management System (PIMS)
- Corrosion Risk Assessment (CRA)
- Remaining Life Assessment (RLA)
- Asset Health Assessment/ Due Diligence
- Process Safety management (PSM)
- On Stream Inspection (OSI) Program & Optimization



Core Services: Value-Added Services

Drawing on an in-depth understanding of client assets, we deliver high-value solutions that reduce workload, improve quality and efficiency, and enable efficient operations.

- **Digital Solution**
- **Tubular Repair**
- **Anti-Corrosion Solution**
- **Machining**
- **API Workshop EPCC**
- **Lab EPCC**
- **CP Engineering**
- **CP System O&M**
- **Equipment MRO**
- **Equipment Procurement**



Key Capabilities: Design & Technology Integration

Top Industry Expert

Our team comprises AIM specialists, NDT specialists, pipeline inspection specialists and AI experts with experience at world-leading TIC companies and extensive industry expertise.

Customized Solution Design

Focusing on clients' testing, inspection and operational-efficiency needs, we integrate technologies and value-added services into highly customized solutions that maximize asset value.

Forward-Looking Consulting

Backed by deep expertise and an expert think tank, we provide forward-looking compliance, safety and operations consulting to identify potential risks and build robust management systems.

Technology Integration

Our team comprises AIM specialists, NDT specialists, pipeline inspection specialists and AI experts with experience at world-leading TIC companies and extensive industry expertise.



Key Capabilities: Global Credibility & Local Accreditation







Industry Leadership

T-ALL Inspection is a full member of the TIC Council. Qualified to participate in global TIC standard-setting and policy advocacy.

Authoritative Industry Qualifications

Internationally recognized and authoritative industry certifications

Rigorous Quality Assurance System

- ✓ AI-Enabled Quality Control: Data-driven intelligence replaces subjective experience for greater accuracy
- ✓ Intelligent Inspection Platform: Full-process visibility and real-time progress tracking
- ✓ Authoritative, Traceable Reports: QR-coded reports support real-time verification

A rigorous quality assurance system, authoritative industry qualifications and industry leadership make every inspection trustworthy and build exceptional credibility.

Key Capabilities: AI-Enabled Digital Capability

Integrates data acquisition, connectivity, analytics & governance to enable continuous remote monitoring of asset integrity, performance, emissions, grid compliance, safety, and environmental impact, converting real-time insights into actionable, data-driven decisions.

Drones / Robotics

Advanced Drone & Robotic Inspection Solutions enabling remote Asset Assessment and High-Quality data capture through Visual, Infrared, Ultrasonic & OGI.

Condition Monitoring

Online Condition Monitoring & Predictive Maintenance through Sensor-Based continuous monitoring to detect Anomalies early & optimize Asset Reliability.

AI Watch

AI Watch sees what a fence alone can't: detecting intrusions, red-zone breaches, workers too close to heavy machinery, missing helmets, and people down.

Emissions Monitoring

Emissions Monitoring & Gas-Leak Detection Ensure Regulatory Compliance, Enhance Environmental Performance & Support Proactive Leak Prevention.

Asset Perfomance Management

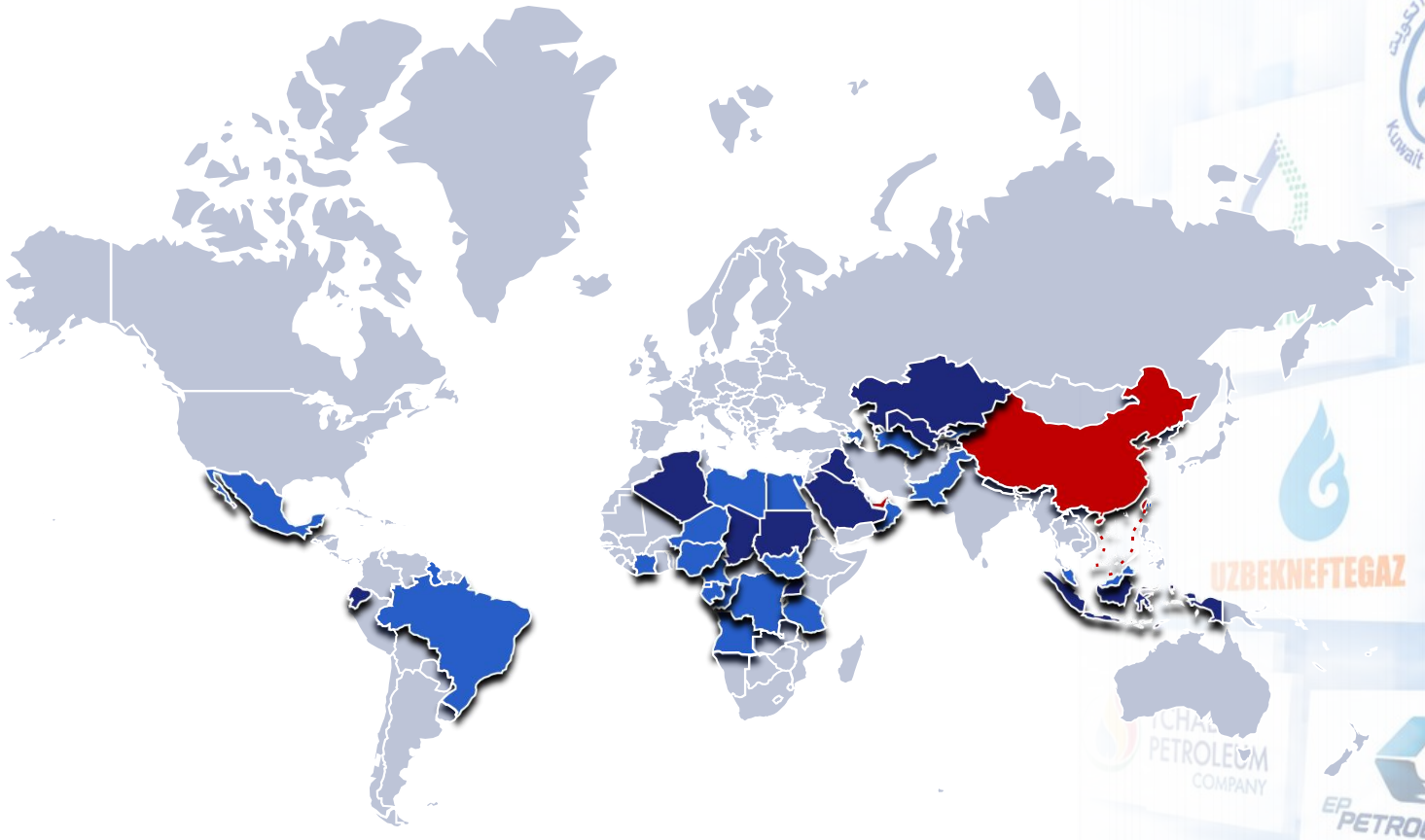
APM Platforms Integrating Inspection, Sensor & Operational Data into Unified Workflows to enhance Asset Reliability and enable Data-Driven, Risk-Based Decision-Making.

AI-Enabled Overhead Line Inspection & Integrity

Drone-Based Visual & Thermal Inspections, supported by AI-Driven Defect Detection & Condition Assessment.



Key Capabilities: Global Footprint



Value Contribution

Strategic Assurance Across the Asset Lifecycle

Design Assurance

Anticipate and eliminate technical and operational risks at early stages

Procurement Assurance

Ensure consistency, quality, and schedule adherence across complex supply chains

Construction Control

Drive safety, compliance, and workmanship excellence where it matters most

Operational Excellence

Enable predictive maintenanceand lifecycle optimization through validated data and digital tools

CAPEX

OPEX



Corporate Culture

Core Value

- **T** Trusted
- **A** Authoritative
- **L** Leading
- **L** Long-term

Mission

- Shaping Trust
- Inspiring Confidence
- Driving Progress

Vision

To Be a Global Leader in Intelligent TIC Solutions, Redefning Assurance Through Technology, Innovation, and Excellence.



LinkedIn

Website

THANKS

Contact Us: online@t-all.cn