



COMPANY

PROFILE

SAUDI ARABIA

Applus+ at a glance

Applus+ is a worldwide leader in the testing, inspection and certification (TIC) sector. We are a trusted partner, enhancing the quality and safety of our clients' assets and infrastructures while safeguarding their operations and improving their environmental performance. Our innovative approach, technical capabilities and highly skilled and motivated workforce of over 26,000 employees ensure operational excellence across multiple sectors in over 65 countries.

MARKET LEADER IN GLOBAL TIC SERVICES

We are accredited by the main international bodies of the countries where we operate, certifying our performance and independence. Our business strategy is aligned with major global trends in energy transition, electrification, and connectivity. Driven by our passion for progress and technological development, we are moving together with our clients towards a more sustainable future by deploying our motto **Together beyond standards.**



26,414
employees



68
countries across
all continents

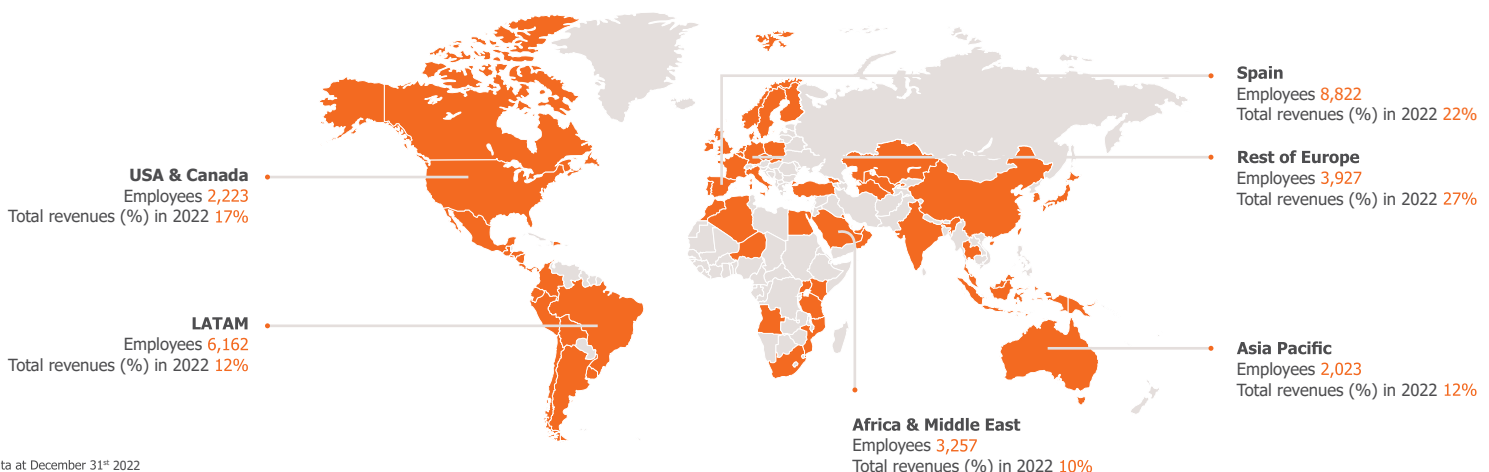


€2,049.9M
total revenue



Accredited
by major international
organisations

GLOBAL PRESENCE





ENERGY & INDUSTRY DIVISION - SAUDI ARABIA

We enhance the performance and profitability of our clients' assets and infrastructure, minimising both their operational and environmental risks, while ensuring the quality of their processes. We place a strong emphasis on technological development, digitalisation and innovation, as well as on having the latest knowledge of regulatory requirements.

Core services:

- Inspection
- Non-destructive testing
- Engineering and consulting
- Supervision and quality management
- Testing and analysis
- Vendor surveillance
- Energy efficiency

OUR INDUSTRIES



Power



Renewables



Infrastructure
and building



Telecommunications



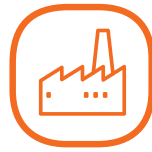
Oil and gas



Aerospace



Mining



Other
industries



Government and Public
organisations



Marine



Vendor Surveillance

Quality Control, Vendor Inspection & Expediting are an integral part of project purchasing activities. Applus+ offers a complete range of services covering quality and manufacturing inspection at the vendor's works to ensure all equipment is manufactured to the client specifications. The inspection scope can be stage inspections in accordance with the Quality Control Plan or pre-shipment inspection for letter of credit purposes.

Our worldwide vendor expediting services assist our clients in reducing delays in the delivery of equipment and materials, ensuring that projects remain on schedule.



Local Third Party Inspection & Certification

Most companies demand that engineering, procurement, and construction activities are verified, validated, and certified by an independent Third Party Inspection & Certification body. Applus+ certification activities cover every stage of the project including Design Verification, Procurement Inspection, Product Inspection, General Construction Inspection, Testing Services, and QA/QC services. Our Third Party Inspection services cover all major engineering disciplines.

Applus+ undertakes ASME & PED Certification of Pressure Vessels and Boilers/Heat Exchangers, and the Certification of manufacturing workshops of pressure vessels to ASME & PED standards. Furthermore, we undertake CE marking and IBR certification of pressure containers. Our expert welding engineers can assist in the development of welding procedures for both traditional and exotic materials. In addition to welding procedure development and welding inspections, Applus+ Velosi offers training and certification of welders to meet local and international standards.



Supply of Specialist Personnel

Applus+ supplies a broad range of recruitment and workforce management solutions. Our global network of offices enables us to provide local services across the oil, gas, construction, renewables, power generation, and petrochemical industries. Our management of the interface between the client, project team, and the workforce allows you to concentrate on other more critical areas of the project.



Management Systems Certification Services

Applus+ Management Systems Certification services consist of an independent and impartial third party Certification of Management Systems, based on the International Standards ISO 9001, ISO 14001, OHSAS 18001, ISO 45001 etc. We operate through our independent Certification Body VQMI, which is Accredited to 17021 by EIAC.



Management Systems Audit & Training Services

Applus+ provides support services for Management Systems such as project audits (second party and third party) and pre-assessment audits. Applus+ also offers Internal and Lead Auditor training for ISO 9001, ISO 14001, OHSAS 18001, ISO 50001, ISO 29001, ISO 270001, and ISO 22000 standards.



Project Quality Management

Applus+ provides comprehensive project quality management on behalf of our clients, supervising the nominated EPC or execution contractor, during the design, procurement, construction, and commissioning stages of the project.



Internal Tank and Pipeline Inspection

Applus+, with its own Application Centre, can custom build specialised robotic tooling for a particular inspection project, adding value to the services we offer whilst helping the client to reduce costs. For internal tank and piping inspections, we offer numerous specialist products, including but not limited to unmanned aerial vehicles (UAVs); semi-automated multi-purpose crawlers; ultra-high-definition camera systems;

close visual inspection systems; C-scan corrosion-mapping systems; radiography crawlers for internal piping inspections; internal laser inspections; and semi-automated robotic wall-thickness crawlers. Applus+ has numerous patents dating back to 1940 – a testament to our commitment to research and development in the field of non-destructive testing.



Advanced & Conventional NDT

Applus+ provides Advanced NDT techniques such as:

- Acoustic Emission Testing (AET)
- Time of Flight Diffraction (TOFD)
- Phased Array (PA)
- Long Range Ultrasonic Testing (LRUT)
- Corrosion Mapping
- Tank Floor Scanning with Magnetic Flux Leakage (MFL)
- Alternate Current Field Measurement (ACFM)
- NearField Technique (NFT)
- Surface Eddy Current Testing (ECT)
- Eddy Current Array (ECA) and Tube Inspections Eddy Current Testing (ECT)
- Remote Field Testing (RFT)
- Magnetic Flux Leakage Testing (MFL)
- Internal Rotary
- Inspection System (IRIS) and Acoustic Eye



Applus+ also provides Conventional NDT services such as Magnetic Particle Testing (MPT), Penetrant Testing (PT), Ultrasonic Testing (UT), and Radiographic Testing (RT). In addition, we offer Positive Material Identification (PMI), Post Weld Heat Treatment (PWHT), Hardness Testing, Holiday Testing, and Visual Testing (VT).

Rig Inspection & Commissioning, Derrick Services and Lifecycle Services

With an increased focus in limiting operators' exposure to Health, Safety, and Environmental Risks and Impacts, it is important that all areas of drilling operations are now part of a controlled management process. Compliance of drilling and well control equipment in accordance with internationally recognised standards and codes of practice form the basis for audits and inspections for both onshore & offshore drilling installations.



Applus+ provides support to both owners and drilling contractors in the form of Mechanical & Electrical Inspection; Health & Safety; DROP Objects Survey & Installation; Derrick Design, Installation, Inspection and Repair; and Environmental Audits in accordance with guidelines set out in API, IADC, IMCA, IEEE & MODU standards.

Our excellent reputation demonstrates our commitment to offering high- quality, comprehensive services that provide cost effective solutions for both On-shore and Off-shore operators

We also provide a comprehensive range of services that span the entire lifecycle of the global Rig, FPSO and offshore industry. Applus+ provides integrated inspection and survey, repair and upgrade, construction, engineering, electrical and training services on rigs, FPSOs, and onshore facilities.

Remote Visual Camera/CCTV Inspection Services

Applus+ owns a wide selection of video camera systems ranging from tractor systems, pushrod systems, Tank-Zoom cameras for vessel inspection to small diameter fiberscopes incorporating various lengths. We have intrinsically safe systems for environment Zone 0 as well as explosion proof systems for environment Zone 1. Applus+ Velosi boasts on having a camera for every situation, and when requested, we design and build custom versions to the specific needs of our clients.

Our systems are of the latest technology; i.e., automatic focus, auto upright camera, waterproof up to 11 bar, operating through 45° and 90° bends. We have the expertise to decide which camera system to use for which application, so our clients are guaranteed the best possible image. We know the limitations of each system we use and if supplied with drawings, can tell you exactly what we can and cannot inspect.



UAV Inspection

Applus+ has now added to its already large range of CCTV equipment the visual / thermo-graphic surveys of Flares / Chimneys / Jackets / Under-decks using Unmanned Aerial Vehicles (UAV). We operate the most modern integrated UAVs boasting 4HD quality cameras, safety features to include airborne collision avoidance systems, and a flight range exceeding 2km, all of which are capable of flying in strong winds.

By use of a UAV, an expert flare / combustion analysis can provide in-depth details such as root-cause failure, suggested operational parameters, lifespan projection, proposed design enhancements, etc. This extremely fast and cost effective inspection method guarantees a client instant results for easy decision making prior to a given turnaround.



Lifting Equipment Inspection, including Operator & Rigger Training, and Certification

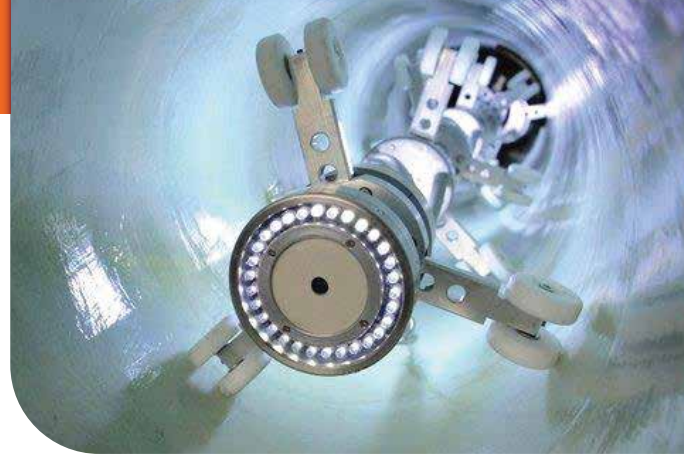
Applus+ is a full member of LEEA – UK. The services that Applus+ Velosi provides at both onshore and offshore locations comprise of witnessing, commissioning, testing, proof load testing, periodic inspections and recertification of lifting equipment, as well as training of lifting equipment operators and riggers and annual plant operator assessments.



Trenchless Technology & CCTV Inspection

Applus+ is specialized in trenchless techniques for the rehabilitation of drains and pipelines. Using the latest technology, the trenchless concept enables pipelines to be cleaned, inspected, and repaired without the need for excavation. This provides enormous savings in time, money, and most importantly, energy. The trenchless concept is especially valuable in busy environments such as cities, industrial zones, and refineries, where excavation would be costly and disruptive.

CCTV Inspection is a form of “tele-presence” to visually inspect the interiors of pipelines. Applus+ possesses a wide selection of cameras, robotic cutters, and the most innovative technique of pipeline inspection. All reports are coded to EN 13508 standard, and our operators and reporters are certified to MSCC4 (WRC).



HSE Training & Consultancy

Applus+ HSE and Loss Prevention Professionals are able to assist clients to develop, implement and monitor the policies, processes, and procedures necessary to manage Health, Safety, and Environment and Loss Prevention in their business. We provide a diverse range of HSE and Loss Prevention Services throughout the Middle East and Africa, from landmark Environmental, Social and Health Impact Assessments (ESHIA) to local, one-off Environmental management solutions, FSHSE Audits, Theme Park and Ride Inspections, producing Safe Operating Manuals and Risk Assessment, HAZIDs, HAZOPs, and other Safety Studies (SIL, QRA, etc.). We leverage knowledge and expertise to share the best practices to add value to our client organisation and reduce their risk.

Our technical experts can assist with any environmental concern that you may have. Our expertise includes a range of services to demonstrate your environmental compliance to the regulatory agencies in support of ESHIA, Construction/Operational Environmental Plans (EMPs), CTC or CTO or any other environmental solutions you may require.

In addition, Applus+ consultants can provide the training necessary to develop the competence for on-going identification, evaluation, and control of risks in your workplace. We can develop and deliver accredited HSE training courses and bespoke training tailored to our client's organisation and the intended audience. Our flexible and cost-effective training packages range from traditional presentations to online modules.

Applus+ is an accredited NEBOSH and licensed IOSH training provider.



Training for all Scaffolding Categories & Scaffolding Inspections

Applus+ provides training and certification for onshore and offshore locations for all categories of scaffolding. All of our scaffold training is executed to NASC, TG20-13, SG4-10, SG6, BS EN 12811, Scafftag System, CISRS and C.I.T.B. Standards.

We also provide inspections of erected scaffolding structures, load tests of materials, and to certify that all materials conform to all the relevant scaffolding standards. We also verify design drawings with their calculations.



Rope Access

Applus+ prides itself on providing a cost effective system for accessing onsite difficult to reach locations whether suspended, confined access or at height by using Rope Access (industrial abseiling); an alternative to traditional access methods with minimized disruption to clients' operations. Rope Access solutions have proven to be safer and more efficient than other access methods whilst taking significantly less time, space and equipment and with the ability to complete a broader range of tasks once on location.



At Applus+, we tackle every challenge with the highest standards for safety, be it in the offshore, civil, or industrial sector. By combining our rope access capabilities with our expertise in safety, we can offer our clients a wider range of services such as fall arrest systems installation and inspection, personal fall protection equipment inspection, offshore surveys, coating, and welding inspections, non-destructive testing, video & photographic inspections, rope access projects consultancy, as well as a variety of work at height and rescue training courses. Applus+ is a full member of IRATA International (Industrial Rope Access Trade Association).

Pavement Management

Applus+ provides full client customized service for structural and functional surveys of highways, roadways and airport pavements through multiple advanced techniques. We also provide consultancy services for highway asset management by collecting parameters and inventory and thereby providing the necessary information about the road network infrastructure, which can be utilized during construction and maintenance in order to optimize maintenance investments or increase the value of the assets over time.



3D Laser Scanning & As-built Modeling

Applus+ offers 3D laser scanning services as a rapid means of producing as-built drawings to an accuracy of +/- 3mm which is both cost-effective and time-saving. Applications range from simple dimensional control to the development of a full 3-D model of a plant incorporating inspection, repair, and maintenance data which can be fully integrated into our client's Maintenance Management software or enterprise system such as SAP.



Applus+ provides Existing Conditions Data Capture such as as-built data capture, drawing verification, and dimensional survey; 3D Modelling for design & engineering, model creation and audits, and training; also Data Management Services like Asset Life Cycle Information Management, 3D Asset Navigator/ Visualisation, integration with O&M Systems such as SAP, Meridium and others, as well as Structured Data Handover (ISO 15926).

MEP Testing, Commissioning, Verification and VAC Testing, Adjusting, Balancing (TAB)

Applus+ carries out Commissioning Management, Commissioning Verification, Third Party Inspections, Re / Retro Commissioning, TAB, Survey Works, Documentation Management, and Training. Clients include Major Developers, Consulting Engineers, Project Managers, and Contractors in the Middle East.

Applus+ provides Testing, Adjusting, Balancing (TAB) services for commercial, residential, and industrial sectors. Our team is comprised of fully qualified and experienced engineers and technicians, providing maximum energy efficiency and comfort for your building.



Asset Integrity Management System Services

Our services cover AIMS (Asset Integrity Management System) and Engineering services.



Construction Works Consultancy

Applus+ Velosi provides full discipline technical consultancy services for Buildings and Civil Infrastructure at all stages. From design to construction and O&M, including onsite structural asset integrity, to inspection and supervision during the construction process with highly skilled technicians in all areas of civil engineering and buildings.

We ensure high quality and control throughout the construction process using the advanced tool SICE: a digital integrated field inspection tool based on a tablet to improve site inspection performance. The result is the best product in terms of time, cost, quality, and suitability.



Geotechnical & Structural Instrumentation and Monitoring

Applus+ provides engineering, design, installation, and monitoring of geotechnical and structural instrumentation for monitoring the safety of any infrastructure sites, such as dams, underground sites, subways, and bridges.

The safety monitoring includes risk analysis during the engineering, design, installation, and monitoring stages. This service is supported by specific on-line Management Software to provide remote and automatic control of the infrastructure safety behaviour.



Geotechnical Engineering

Applus+ provides geotechnical, geological and hydrogeological studies, ground engineering, exploratory probing, laboratory and on-site ground testing, and mining technical assistance. We also provide a comprehensive service for all types of studies related to the engineering, construction and civil works fields, aimed at public or private authorities, construction companies, engineering firms, and developers, etc.



Energy Efficiency

Applus+ provides consulting services focused on energy savings to a wide range of sectors. Energy Consulting services are designed to increase the competitiveness and sustainability of our customers, and include: Characterization of the energy consumption of buildings or industries and recommendations for energy saving measures; Certification and Energy Simulation using specific software tools and methodologies such as LEED & BREEAM ES; and Turn Key Energy Efficiency Projects: Engineering, Procurement, Installations, Maintenance and Monitoring.



Electrical Testing & Commissioning

Applus+ provides the best optimization management for any electrical installation during its useful life, including consultancy for Inspection and Maintenance Plans, and Root Cause Failure Analysis through the various types of testing techniques that we perform. The Testing of electrical equipment (Substations, Power Transformers, Circuit Breakers, Relays-Protection systems, Motors, Generators and cables) helps to determine their condition, avoiding service failures, and unnecessary repair/ corrective actions.



Telecommunication Services

Applus+ provides Engineering, Design, Technical Assistance, Testing, and Simulation of telecommunication mobile and fixed networks. We focus our consultancy services on guaranteeing the improvement of the quality of the network, the level of service during new construction or in-service networks, and on maximizing our clients' investments by providing expert network infrastructure management.



VAIL - Plant

This software system has been designed for the Oil & Gas Industry to facilitate Applus+ Velosi's Risk Based Inspection/Maintenance methodology, helping users to maintain inspection records and to reduce the equipment related risks such as personal injuries and environmental damage.

VAIL- Plant solves the problem of how to manage all types of oil & gas related equipment effectively in a single software package. The various modules of VAIL - Plant thus combine to provide a complete Asset Integrity Management solution.

The modular software system covers:

- CIMS Civil Integrity Management System
- HIMS Hull Integrity Management System
- WHMS Wellhead Integrity Management System
- KPI's Key Performance Indicators
- RCA Root Cause Analysis
- SIL Safety Integrity Level
- FMECA Failure Mode Effects & Criticality Analysis
- PEMS Pressurized Equipment Management System
- SIMS Structure Integrity Management System
- PSVMS Pressure Safety Valves Management System
- LEMS Lifting Equipment Management System
- PIMS Pipeline Integrity Management System Offshore & Onshore
- GIS Geographical Information System
- ERIMS Electrical, Rotary & Instrumentation Management System



Risk Based Inspection (RBI)

RBI is a systematic approach to minimize lost production and downtime by building cost-effective inspection programs without compromising safety and the environment. It is applicable to offshore and onshore installations such as fixed or mobile units as well as FPSOs and pipelines.



Reliability Centered Maintenance (RCM)

This optimization tool captures daily repairs, their impact on execution, and analyses the results to assess future reliability. RCM saves cost and time by identifying and correcting chronic recurring equipment problems, thereby eliminating unnecessary maintenance costs.



Fitness for Services (FFS)

Evaluations are carried out on pressure equipment (pressure vessels, heat exchangers, boilers, storage tanks, piping, etc.) to check for a wide variety of flaws. Our assessment can improve your plant's reliability, saving you time and money.



External Corrosion Direct Assessment (ECDA)

External Corrosion Direct Assessment (ECDA) is a structured process to evaluate the integrity of buried onshore ferrous pipelines. The goal of ECDA is to manage the risk of pipeline corrosion failures while minimizing the cost required for excavations and repairs.



Evaluation and Condition Monitoring of CP

This system is designed to prevent corrosion at the cathode surface, in order for CP systems to be effective, it is important to ensure that protective current is passing onto all parts of the cathode surface. The required current can vary considerably with environmental conditions, and Applus+ can help to ensure that your system is fully adapted to local conditions.



Engineering Services

Applus+ provides the complete range of services for conceptualizing, designing, and engineering of projects to meet specific client requirements. We offer services to the oil and gas, chemicals, power, infrastructure, and telecommunication industries. Our multi-disciplinary design approach ensures successful construction, commissioning, and continued operation of industrial plants and equipment. Our services include:

- Design and Engineering Consultancy Services
- Design Appraisal
- Design Verification



Applus⁺ *Together*
beyond
standards

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