

TRAINING



**DIGITAL
TECHNOLOGY**



**ASSET
INTEGRITY**



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TSMO GROUP

TSMO Group is a global conglomerate operating across diversified segments in training and consultancy, digital technologies and asset integrity.

TSMO Group offers a range of high quality services and turnkey solutions through global vision and expertise, providing our clients with the power to move forward with the most comprehensive goals and challenges faced by industries today. We are a multidisciplinary and globally oriented business development company, driven by performance and developing sustainable practices. We are a Saudi company with an international network through cooperation with international companies, including sister companies of TSMO Group, Italy, T.R.N, T.E.C and C.O.N

We thrive to add value to communities, organizations and individuals through state-of-the-art applications and processes world-wide in compliance with latest global requirements in cross industries.

- Total Solutions Provider for Maintenance, Inspection and Technology services.
- Deliver best-in-class, sustainable and customer centric services in specialized markets.
- Focus on innovation and industry best practices to deliver value adding and diversified services.
- Play a leading role to develop, transform and grow energy, oil & gas, chemicals, maritime, military sector and infrastructure.

STRATEGIC FOCUS & VALUE PROPOSITION





TSMO GROUP

Commitment to results

Well known for our commitment for long-term business. Offers cutting the edge solutions, expert services, tailored for sustainable results.

Whether implementing a continuous improvement process or advising management strategies, we are committed to deliver tailored solutions that lead to excellence and new opportunities. Our experts are located across the world to help your organization become a viable world class entity.

SUSTAINABILITY DEVELOPMENT

We are committed to results and adding optimal value, we work with clients in respect of optimization of their people, assets and processes.

Combining comprehensive insights the latest innovative technologies and the experience of industry leaders and experts, we drive ventures and operations to achieve sustainable growth and create new worldwide opportunities with a verity of industry professionals from all over the world.

We offer tailored development with the capability to face the most complex challenges and requirements in order to create and improve ground breaking business solutions. We are always interested in expanding our global family with experienced local and international ventures.



Vision

Be a preferred excellence driven business partner to the energy, oil & gas, maritime chemical industries and Military sector globally



Mission

Deliver innovative and unrivalled products & services through winning partnerships and create optimal value for the ecosystem in which we operate



Values

- Integrity
Follow highest standards
- Sustainability
Manage resources wisely
- Excellence
Deliver best results
- Transparency
Walk the talk



TRAINING

Our increased focus on global training, including basic and advanced user courses, and the high level of expertise of our team of instructors, benefit users in all regions. Our training consists of many and varied technical courses and workshops spread across all brands. In addition, we run customer-specific courses.

Our team comprises safety experts, defence and security specialists, engineers, technical and motivational trainers with a strong understanding of customers' operational needs.

With proven, reliable worldwide solutions, we can help the most ambitious organizations build internal competencies ready to face the fast-changing international markets, developing your talents with an appropriate Competence Management Approach.

Our training can support organizations to increase the managers' and employees' competence, keeping them updated with the latest knowledge in your domain and in compliance with the latest global requirements. With the rapidly changing world, along with its training courses, TSMO Group also provides all logistic support such as accommodation, airport pickup, transportation, translation and tutoring so that training participants can focus on their international learning journey. All training courses are accredited by the appropriate accreditation body, either national or international. They range from managerial and academic to operational and technical courses.



Maritime Safety & Security Training

- General Maritime Safety (Management Level)
- General Maritime Security (Management Level)
- General Maritime Environmental Defence (Management Level)
- Maritime Legal Framework
- Port State Control
- Maritime Cyber Security
- Flag State Implementation
- Workplace Security Officer
- STCW Basic Safety Training
- STCW Firefighting
- STCW Proficiency in survival Craft & Rescue Boat
- STCW Proficiency in Medical Care-Refresher
- SSO-Ship Security Officer
- PFSO-Port Facility Security Officer
- Search & Rescue
- ISPS-International Ship & Port Facilities Security Code
- High Voltage Management
- Working at Heights refresher
- Helicopter Underwater Scape Training EBS
- Management of Major Emergencies
- Major Emergency Initial Response

Aviation Safety & Security Training

- Flight Safety Officers
- Air Safety Management Systems overview
- Health & Safety at Work
- Air Safety Assurance Overview
- Flight Authorizers Course
- Flying Supervisors Course
- Safety Reporting Course
- Human Factors Course

Accident Investigations Training

- Maritime Analysis & Investigation Strategy (Management Level)
- Maritime Accident Investigation Procedure
- Aircraft Post Crash Management Incident (Officer Course)
- Occurrence Investigation Course
- Customized according to need training Courses

Maritime Training & Consultancy

- Tug Master Course
- Search & Rescue
- Offshore Platform Training
- Watchkeeping
- Wheelhouse Management
- Maritime Engineering
- Small Boat Handling
- International Coastguard Alignment

Building Integrity Training Course

Operational Risk Management Training Course

Risk Management and Business Continuity Training Course

Risk Management and Internal Control System Training Course

For further information visit our website lastellagulfsa.com



DIGITAL TECHNOLOGIES

Most industries globally recognize the enabling role of digital technologies in innovation, improving efficiency, and igniting growth. Digitalization provides opportunities for transformation across multiple business functions, but more importantly, it builds a foundation for further value creation. While digitalization is transforming most industries today.

Many businesses who determinedly initiated digital technologies, have passed the proof-of-concept stage and are now in a pilot stage or partial scaling up and deploying digital solutions on various sites or functions of the company, those which made better progress include upstream oil and gas, aerospace and defense, chemicals, and high-tech companies.

In the GCC region, companies are increasingly using digital technologies to unlock new sources of competitive advantage, growth, and value. On a macro-level, the GCC governments have acknowledged the economic and social benefits that going digital can bring and have developed ambitious plans and strategies. These include but are not limited to Saudi Arabia's Vision 2030 and National Transformation Plan 2020 (which also covers the digital space), Smart Dubai, Qatar's Connect 2020 ICT Policy, and Oman's digital strategy (e-Oman). The development of digital capabilities is becoming more and more urgent in various industries in the region. Many of the industries and organizations agree that Industry 4.0 is one of the most impactful trends and CEOs and company leadership are the driving force behind the digital transformation.

TSMO Group specialized in the Research & Development in the information technology domain. As Industry 4.0 (4iRs) takes off in the 21st century, we provide full support through Technology Benchmarking, building the Information Technology Infrastructure, developing solutions and easing organizations Business Process, supporting your organization to deploy targeted digital solutions.

In most of the businesses, making the transition to Industry 4.0 means major shifts in their organization's platforms, including new forms of IT architecture and data management. Recent data shows that more than one third of global companies (about 37%) admit this is a challenge for them. Industry 4.0 requires existing technologies and installations to be adapted and in some cases need entirely new IT infrastructure. We merge the knowledge of Governance, Business Process, Strategy and Compliance with the latest practices in the information technology to support the research & development of new FinTech/Echo System solutions with sustainable growth.



One of the unique services we offers is the 4iRs Bootcamp that is focused on the middle management and the executives to gain the latest knowledge in the Artificial Intelligence, Cyber Security, Internet of Things, Machine Learning, Blockchain and Big Data in order to allow the top management lead their business using the latest tools successfully.

TSMO Group is an innovation-driven venture long experience in deploying agile technology solutions for enterprises across the globe. Specialized in developing a wide spectrum of innovative AI, IoT & Blockchain solutions customized to customers unique enterprise needs.

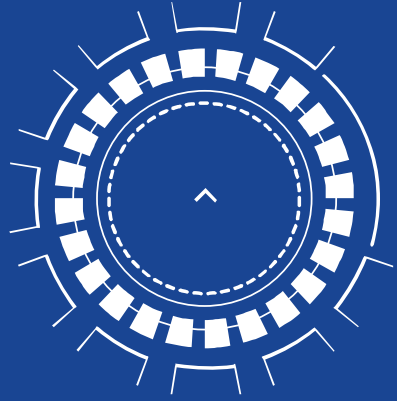
End-to-end delivery model accelerates business outcomes replicable at scale and highly differentiated user experience. Provides advanced Technology and Smart Business Solutions

Develop and empower employees in the organization to move from transactional driven to a data-driven and customer centric organization and ensure business continuity at any time.

We work closely with our clients to innovate and apply the best technical and business solutions using emerging and mainstream technology

- Research & Development
- Turning ideas & concepts to a working model and final product
- Build Capability
- Build and transfer knowledge & skills required At fast track
- Digitalization & Industry 4.0





WHAT TSMO OFFERS?

Take advantage of our augmented, virtual reality & Simulation service to take your brand, company or Organization to the next level. Our world-class VR/AR Engineering and creative teams work with you from concept creation through the critical design and development stages, before creating a bespoke application that will transform your business and make your industry sit up and take notice.



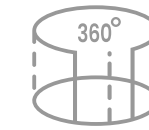
AUGMENTED REALITY

Help you to improve many areas, from creating better engagement for brands to improving safety and knowledge retention for Training and Maintenance.



VIRTUAL REALITY

The new face of effective training where users can interact with the environment, product in a fully immersive way.



SIMULATORS

Highly interactive simulations for Search & Rescue, Maritime, Avionic, Logistics and many more.

HOW WE WORK

We start by discussing the challenge you want to solve or the objective you want to achieve. Our aim is to create a project that meets your goals and utilize the best platform or software solution for you.

We follow the below process and focus on your development goals and User Experience requirements;

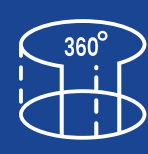
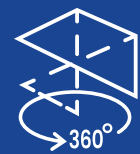
- Consultation
- Project Planning & Management
- 3D Art Production & Programming
- Reviews and Revisions
- Testing



WHAT WE DO

We aim to become the ideal partner for those wishing to adopt an UpToDate simulations system doe training, operation, Research and development and risk management, by proposing an as service business model.

We support the customer during the whole solutions implementation; from the definition of their needs to the configuration and installation of the most suitable product in relation to their requirements, up until the creation of dedicate scenarios.





WHY CHOOSE US?

SIMULATION AS A COMPLETE SERVICE

Instrument availability, know-how, and methodology for the training of new professionals.

CYBERSECURITY & MACHINE LARNING

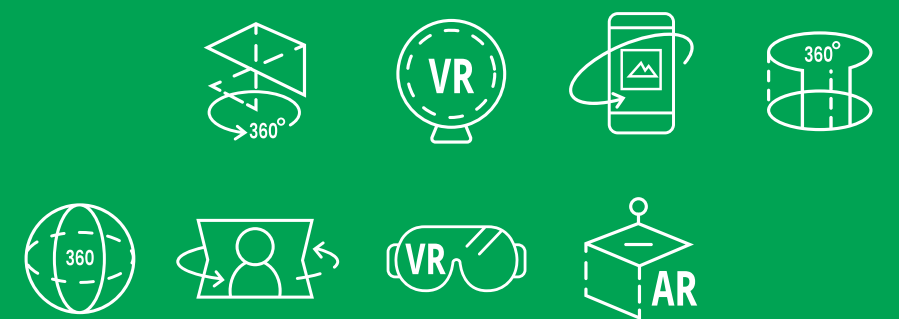
Assimilation of cybersecurity related problems including machine learning tools.

COMPLEXIFICATION

Complex operative scenarios that can answer to our customer's real needs.

ADVANCED SIMULATORS

A more advanced use of different kinds of simulators to benefit security standards and procedures in a business environment.



INDUSTRIES & AREAS OF APPLICATION

in Ministry of Defense, Maritime, Oil & Gas and Health & Safety



Maritime and avionic simulations



Search and rescue operational simulators



Warehouse and supply chain simulations



Land vehicles simulations



ASSET INTEGRITY

Owners and operators of large industrial assets operate in complex and volatile markets such as the oil and gas, petrochemical, renewable energy or nuclear industries. Often reliant on natural resources, substantial financial investments and complex processes, these industries and especially the oil and gas market are also at risk for accidents affecting human health, safety and the environment. This makes safe and reliable operations in this industry a top priority. In the oil and gas market and in the petrochemical industry, operators are confronted with an increasing number of new strategic, technical and economic challenges. The reasons are clear: equipment is aging, technological requirements are constantly expanding, markets are volatile, public environmental awareness is acute and serious security threats from cyber-attacks are increasing.

For the owners and operators, this means focusing on:

- Improved process safety, environmental and security protection
- Understanding the Safe Operating Envelope
- Optimized asset operation: risk reduction and improved asset integrity inspection
- and maintenance management
- Skilled personnel

Furthermore Reliability, Availability, Maintainability and Safety are all aspects to be considered to maximize the assets' performances. To work in an effective and efficient way, protecting at the same time people and environment, is necessary to adopt an accurate and professional approach based on RAMS methodology.

TSMO Group can support your organization to manage your assets properly with multidisciplinary teams of international experts. We can assess your organization to create or update processes and procedures to properly manage your assets as well as we can assure a wide range of inspections services based on a Risk Based Inspection approach. Inspections and maintenance correctly planned and executed following international practices such as API-RBI can significantly reduce the high-risk items. Process engineer, NDE and HSE experts, Corrosion and material engineers, RBI analysis expert and software interface experts can support your organization to determine the correct inspection frequency.

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