



المركز الوطني للفضاء والتقنيات  
المتقدمة والذكاء الاصطناعي  
البرنامج الوطني للفضاء

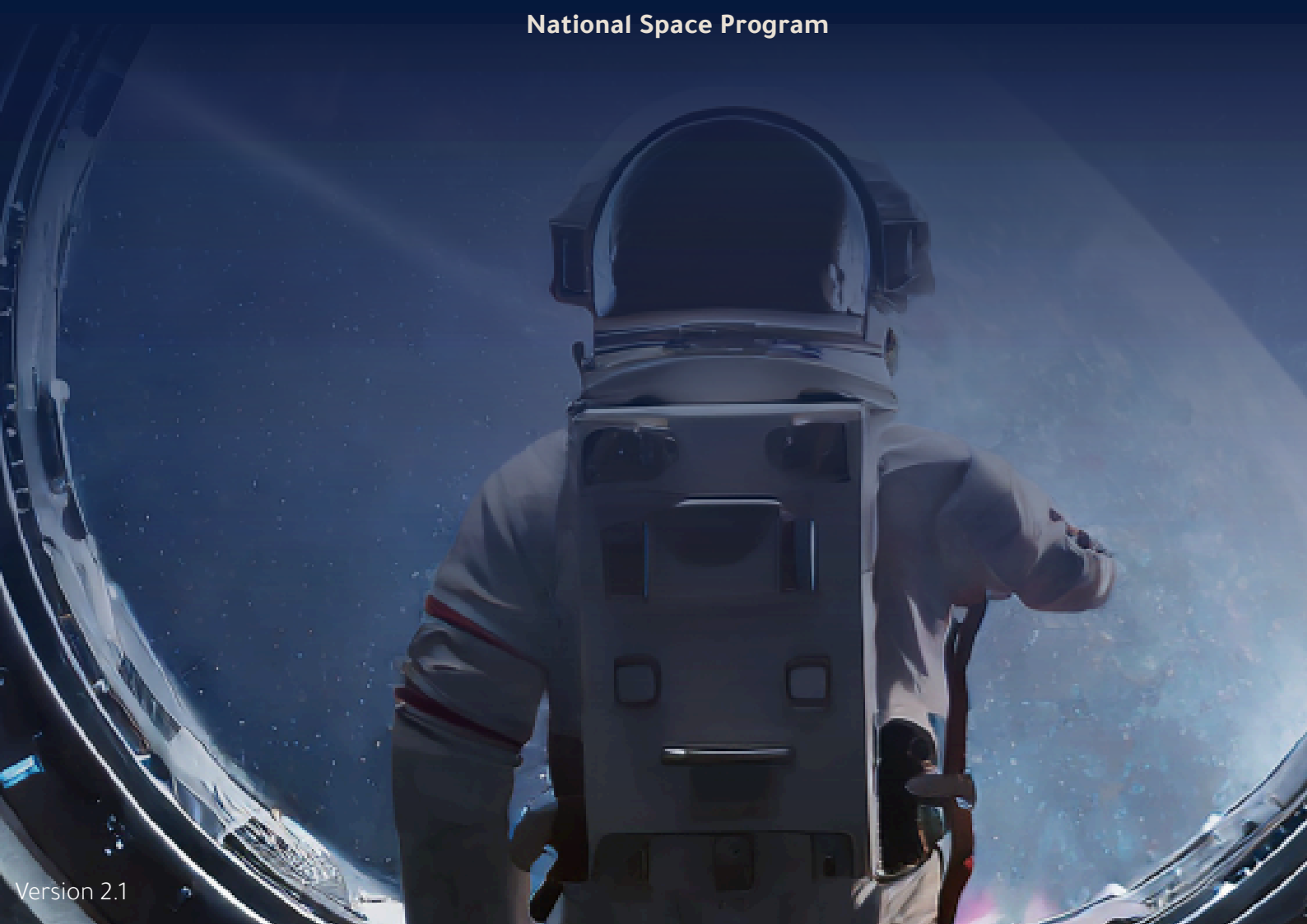
وزارة النقل والاتصالات وتقنية المعلومات  
Ministry of Transport, Communications  
and Information Technology



# Private Space Sector Directory 2025

National Center for Space, Advanced Tecgnology, and AI

National Space Program





“Our government will follow up progress in various sectors, including small and medium enterprises, and entrepreneurship, particularly those based on innovation, artificial intelligence, and advanced technologies. This is in addition to training and enabling youth to benefit from the opportunities made available in this vital sector, so that it could form a cornerstone in the national economy.”

**HM’s speech Sultan Haitham bin Tarik, 23 February 2020**

## Foreword - 2nd Edition of the Sultanate of Oman Space Directory



It is with great pride that we present the second edition of the Sultanate of Oman Private Space Sector Directory, reflecting the continued progress of Oman's national space ecosystem and the growing contribution of the private sector to this strategic domain.

Since the first edition, Omani companies have expanded their capabilities across the space value chain—from upstream to downstream applications and innovation—supporting the development of a competitive national space economy aligned with Oman Vision 2040 and enabling the digital economy, which marks the sector's transition toward a more mature, market-driven stage.

This edition serves as an updated national reference to introduce and promote the Omani private space sector, facilitate local and international collaboration, attract partnerships and investment, and support technology transfer and localization.

Through this publication, the Ministry of Transport, Communications and Information Technology reaffirms its commitment to empowering national enterprises, developing local talent, and positioning Oman as a trusted regional hub for space technologies and applications.

For any queries or engagement opportunities, please contact the National Space Program team at [spaceDL@mtcit.gov.om](mailto:spaceDL@mtcit.gov.om).


HE Eng. Said bin Hamood bin Said AL-Maawali  
Minister of Transport, Communications and Information Technology  
Sultanate of Oman

## Disclaimer

The Sultanate of Oman Private Space Sector Directory 2025 is a public reference providing consolidated information on companies operating in Oman's space sector, based on data provided by the respective entities and reviewed with due professional care.

Inclusion in the directory supports visibility and sector engagement and does not constitute formal endorsement, partnership, or certification of any company, product, or service. Company categorization reflects activities as communicated by the entities and aligned, where applicable, with sector definitions adopted for the purpose of this directory.

Stakeholders are encouraged to complement this information with their own professional assessments in line with standard engagement practices. The directory will be updated periodically, and any feedback or update requests are welcome for review.



## Oman National Space Policy and Executive Program 2023-2033

### Vision:

To become the regional gateway for space applications to empower economic diversification and unlock future opportunities



#### Capability building

The space sector shall increase industrial and human capabilities, helping to create the jobs of the future



#### Economic diversification

National space initiatives to support a commercially-oriented and competitive Omani space sector



#### National security

Oman space activities will pursue strategic autonomy and leadership to reduce foreign reliance



#### Environment & natural resources

Oman space activities to support the development of applications aiming at protecting the environment and the sustainable use of natural resources

## Growth of Oman Private Space Sector



### Workforce

**400+** employees in Private sector in 2025 compared to 152 in 2023 (168% increase)



### Companies

**25+** Companies in 2025 compared to 16 in 2023 (56% increase)



### Entrepreneurship

**10** Pioneering Omani companies in the first cohort of OSAP



### Investment

% 74 of investment target (Currently more than 74 mn. OMR of 100mn target in 2030)

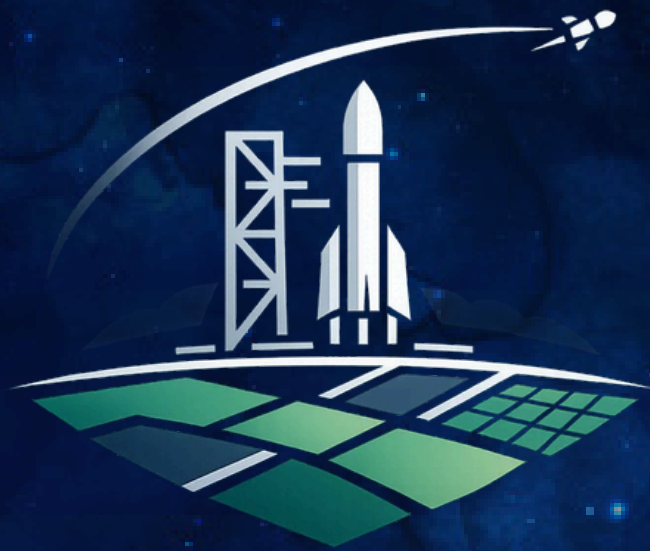
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## Launch Site

## Etlag Services LLC



### Company Overview

Etlag Services LLC, established in 2022, is an Omani company specialized in launch operations support and the development of commercial spaceports. Headquartered in Muscat, Etlag serves as a cornerstone of Oman's emerging space ecosystem, providing infrastructure planning, mission coordination, and technical support for both domestic and international launch service providers.

Etlag's flagship project, Etlag Spaceport, located in Duqm, is the first of its kind in the region. Situated near the equator for optimal launch performance, the spaceport is designed to support orbital and suborbital launches, technology testing, and academic collaboration. The company works closely with the Ministry of Transport, Communications, and Information Technology (MTCIT) and the National Space Program (NSP) to ensure alignment with Oman Vision 2040 and international aerospace standards.

Through sustainable development, technical excellence, and strong global partnerships, Etlag is positioning Oman as a regional hub for commercial launch operations and space technology innovation.

**Year of company foundation: 2022**

**Total number of employees: 19**

**Employees in Space Sector Roles: 12**

### Core Business & Main Activities

- Launchpad Leasing - Providing dedicated launch complexes for international and regional launch providers.
- Mission Support Services - Coordinating regulatory compliance, safety oversight, and operational readiness.
- Infrastructure Planning & Management - Designing, maintaining, and upgrading launch facilities (integration halls, fueling zones, telemetry centers).
- International Partnerships - Supporting foreign space companies with site access, logistics, and local engagement to enter Middle Eastern and African markets.

### Major Projects

- Duqm-1 Mission (2024): The first suborbital rocket launch from Oman—executed with NASCOM and MTCIT—marking the operational debut of Etlag Spaceport.
- Genesis Camp (2024-Present): Active suborbital launch zone with two pads and temporary integration facilities for experimental missions.
- Five Suborbital Launches (2025): Joint missions with partners from Kuwait, the UK, and New Zealand to test propulsion and recovery systems.
- Partnership with PLD Space (Spain): Agreement to launch Miura-5 rockets from Oman, targeting the first orbital flight in 2027.
- National Regulatory Framework (2023-Present): Direct contributor to Oman's launch regulation drafting in collaboration with MTCIT and the Civil Aviation Authority (CAA).

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# National Aerospace Services Company LLC (NASCOM)



## Company Overview

The National Aerospace Services Company (NASCOM) is Oman's pioneering aerospace and space infrastructure company, established in 2022 with a mission to lay the foundation for space exploration and launch capabilities within the Sultanate. Headquartered in Muscat, NASCOM works at the forefront of Oman's national space ambitions, developing core infrastructure, regulatory frameworks, and international partnerships that are essential for building a sustainable and competitive space ecosystem.

A cornerstone achievement for NASCOM is the Etlaq Spaceport – Oman's first commercial space launch facility located in Duqm. Strategically positioned near the equator, the site provides one of the world's most efficient orbital launch trajectories, ranking second globally in launch velocity potential. Through Etlaq, NASCOM is enabling Oman to become a regional hub for satellite launches, research, and commercial space operations.

NASCOM operates under the vision of transforming Oman into a recognized space-faring nation, developing both physical infrastructure and human capital to advance the country's standing in the global aerospace economy.

**Year of company foundation: 2022**

**Total number of employees: 5**

**Total number of employees working in space related department: 3**

## Core Business & Main Activities

- Design and Manufacture of Launch Platforms - Engineering and construction of spaceport and propulsion facilities.
- Launch Services - Development and operation of orbital and suborbital launch systems through Etlaq Spaceport.
- Research & Development (R&D) - Design, testing, and safety validation of propulsion technologies.
- Ground Station Operations - Management and coordination of satellite communications and telemetry infrastructure.
- Regulatory and Policy Development - Collaboration with government and international bodies to shape Oman's space regulatory environment.

## Major Projects

- Etlaq Spaceport (Duqm)
- Oman's first spaceport project, designed to support regional and international launch providers with orbital and suborbital capabilities.
- Developed in partnership with UK Launch Services Ltd (UKLSL) to meet global standards for safety, compliance, and efficiency.
- Static Propulsion Lab 1 (SPL1)
- Established to study propulsion safety and performance, supporting the research and development of rocket engines and launch systems.
- Built in collaboration with Innovation Factory and other national entities.
- Concept Study: Radio Detection & Communication Array (RDCA)
- Exploratory research proposing the establishment of a deep space radio telescope network in Oman's mountain ranges for scientific observation and signal tracking.

## Contact Details

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## Global Space & Technology Company (GSTC)



### Company Overview

Global Space & Technology Company (GSTC) is the first private company in the space sector in Oman and Middle East, established in 2017 to advance the development of the regional space industry and position Oman as a key player in global space and technology innovation.

Based in Oman and Operates Globally, GSTC Provides Services in Space Sector, advanced technology, education, and consultancy. In addition, the company works on Space and Technology projects Like ZONE 88.

**Year of company foundation: 2017**

**Total number of employees: 18**

**Employees in Space Sector Roles: 9**

### Core Business & Main Activities

- Space Sector: Provide Satellite Communications, Imagery services, Space research and working in Space Habitats.
- Advanced Technology & Innovation: UAV and Drone Operations and Training, unmanned systems, simulation technologies, and AI-based applications.
- Consultancy & Strategic Advisory: Space and Technology Consultation and Knowledge Transfer, Space policy, Law and regulatory.
- Education & Capacity Building - Specialized training, workshops, and awareness programs in space Sector, Ai, robotics, and telecommunications.

### Major Projects

“ZONE 88” is a scientific and economic zone dedicated to space industries and advanced Technologies. It is in the Special Economic Zone at Duqm in the Sultanate of Oman. Zone 88 is a subsidiary of Global Space & Technology Company. It includes five international projects:

- Space Habitat Center: Aims to simulate living conditions in space, enabling researchers and scientists to conduct experiments and Provide related Training.
- Unmanned Technology Centre & Drone School: Focused on developing aerial, ground, and maritime unmanned systems, offering training and licensing programs for drone operations and certification, Authorized by CAA.
- Commercial Space Launching Area: Commercial Launching Station in Duqm at Zone 88.
- Artificial Intelligence & Advanced Technology Testing Zone.
- Satellite Services Division.
- Simulation Systems & 3D Applications: Development of virtual reality (VR), augmented reality (AR), and metaverse-based educational tools for training and simulation.
- Consulting & Knowledge Transfer Programs: Provides advisory services in space policy, strategy development, project management, and human resource upskilling.

### Contact Details

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# Communications Services

# Space Communication Technologies (SCT)

## OmanSat-1



### Company Overview

Space Communication Technologies (SCT) is a government-owned company established in 2018, under ITHCA Group and the Oman Investment Authority (OIA). SCT's mission is to implement, execute and operate the National Satellite project (OmanSat-1) and provide advanced satellite communication services.

Recently SCT has been granted Class 1 Telecom License. Which allows it delivering satellite communications across Oman and its economical waters, serving residential, enterprise, and government clients. Additionally, SCT operates as a reseller for international satellite imagery, remote sensing, and IoT solutions.

**Year of company foundation: 2018**

**Total number of employees: 25**

**Employees in Space Sector Roles: 25**

### Core Business & Main Activities

Provides Managed Satellite connectivity and Services via its Ka-band Payload for diverse Verticals and sectors.

Resell Ku band Services from other Satellite Operators to serve the requirements for Omani customers who requires coverages outside The Sultanate of Oman and its economical waters.

Provides equipment and solutions related and complementing VSAT services

Manage, develop and Operate the National Satellite Project, starting from the design, until the delivery, and marketing the services across the region.

Satellite Imagery & IoT Solutions: Reselling and supporting Earth observation and IoT applications.

Ancillary Satellite Communication Services, such as Training Services, and knowledge transfer for Capacity-building programs in satellite communications and EO solutions.

### Major Projects

- Ka-Band Managed Services via Omani Payload on Arabsat 6A Satellite
- OmanSat-1 Project: The national satellite initiative for Oman's independent space communication capacity.
- Earth Observation & Remote Sensing Services

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## Dunes Middle East



### Company Overview

Dunes Middle East, founded in 2009 and headquartered in Muscat, Oman, is a leading Omani provider of VSAT and satellite communication solutions. The company specializes in delivering reliable, high-performance connectivity to remote and hard-to-reach locations, ensuring seamless communication for enterprises, government entities, and individuals operating in challenging environments.

Licensed by the Telecommunications Regulatory Authority (TRA) under a Class III License, Dunes Middle East combines regulatory compliance with advanced engineering capabilities to deliver end-to-end satellite solutions – from system design and integration to deployment and technical support.

In partnership with Space Communication Technologies (SCT), Dunes Middle East leverages cutting-edge Ka-Band satellite technology to provide high-speed, low-latency broadband and data services across Oman and the wider region. The company's solutions are vital for industries such as oil and gas, construction, defense, and logistics, where connectivity is mission-critical.

And we have JV partnership with one of the largest VSAT service providers in the world (Speedcast) as we have built a new HUB station with KU Band satellite technology in Oman .

Beyond communications, Dunes Middle East has diversified into property development and trade, contributing to Oman's economic diversification and infrastructure growth.

**Year of company foundation: 2019**

**Total number of employees: 4**

**Employees in Space Sector Roles: 4**

### Core Business & Main Activities

- VSAT Communication Services - High-speed satellite broadband and data connectivity using Ku-Band technology.
- Iridium Satellite Services - Global voice, data, and tracking communications for maritime, aviation, and defense sectors.
- System Integration & Technical Support - End-to-end setup, operation, and maintenance of satellite communication networks.
- Property Development & Trade - Diversified projects supporting Oman's commercial and infrastructure development.
- Approved by TRA to provide Starlink enterprise connection in Oman.

### Major Projects

- Partnership with Space Communication Technologies (SCT): Collaborative operation of Omansat, delivering national VSAT connectivity services with advanced Ka-Band coverage.
- Oil & Gas Connectivity Solutions: Provided mission-critical VSAT services to companies such as EOG, AGS, Tethys Oil, Burj Oman, and GE, ensuring uninterrupted communication links in remote field operations.
- Construction and Infrastructure Support: Deployed satellite communication systems for contractors in isolated work zones, enhancing productivity, coordination, and safety.
- Iridium Satellite Services Expansion: Introduced global satellite connectivity solutions to complement terrestrial networks, enabling reliable communication for maritime, aviation, and defense applications.
- Technical Support and Integration Services: Delivered comprehensive design, installation, and maintenance support for satellite networks across Oman's most remote regions.

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## Azyan Telecom



### Company Overview

Azyan Telecom, founded in 2009, is a 100% Omani-owned telecommunications and ICT operator, licensed by the Telecommunications Regulatory Authority (TRA). With over 15 years of expertise, Azyan delivers resilient satellite connectivity and ICT-enabled solutions, supporting Oman's digital transformation and strengthening its participation in the global space economy.

The company operates advanced teleport facilities in Muscat, designed to host next-generation satellite constellations, and provides ground infrastructure, gateway hosting, and managed services for both local and international satellite operators. Through global partnerships with 35+ organizations, Azyan integrates cutting-edge technologies into Oman's ecosystem, enabling solutions across government, defense, maritime, aviation, oil & gas, energy, and enterprise sectors.

**Year of company foundation: 2009**

**Total number of employees: 18**

**Employees in Space Sector Roles: 18**

### Core Business & Main Activities

- Satellite Connectivity Services: LEO, MEO, GEO, and VSAT broadband solutions.
- Ground Infrastructure & Teleport Operations: Gateway hosting, ground control, and managed services.
- Space-Enabled ICT Solutions: IoT platforms, Smart City systems, intelligent transportation, and big data backbones.
- Critical Communications: Connectivity for remote industries, oil & gas operations, and emergency response.

### Major Projects

- Established Oman's first private-sector teleport in Knowledge Oasis Muscat (KOM)
- First in Oman to deploy iDirect Hub (Apogee platform) for advanced satellite services
- Provided satellite-based connectivity to the banking sector, enabling secure ATM and branch operations.

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# Space Technology for Smart Solutions LLC

(SatMENA)



## Company Overview

SatMENA, founded in 2021, is an Omani Satellite Communications (SATCOM) company licensed by the Telecommunications Regulatory Authority (TRA). It is a pioneer in providing high-speed satellite communication services and smart connectivity solutions across Oman and the wider region.

SatMENA specializes in point-to-point and point-to-multipoint VSAT links, serving diverse sectors including telecom, energy, government, and enterprise. Its Muscat Teleport is equipped with a 6.3m auto-pointing antenna, a Network Operation Center (NOC), and a data center featuring the Newtec HUB, enabling capacity of more than 1.6GHz on a single Ka-band beam via the Astra 2F satellite (through partnership with SES, the world's largest GEO and MEO fleet operator). This setup delivers unprecedented speeds up to 1 Gbps per terminal across Oman, UAE, parts of Saudi Arabia, and Yemen.

Through partnerships with SES, CISCO, ND SATCOM, ST Engineering, Newtec, and SatADSL, SatMENA integrates advanced global technologies into Oman's digital ecosystem, enhancing resilience and expanding connectivity solutions aligned with Oman Vision 2040.

**Year of company foundation: 2021**

**Total number of employees: 12**

**Employees in Space Sector Roles: 12**

## Core Business & Main Activities

- VSAT Services: Point-to-point and point-to-multipoint broadband over satellite.
- Satellite Capacity Sales: Leasing raw capacity for enterprises and telecom operators.
- Teleport Services: Consolidating signals and connecting spacecraft to the internet.
- Ground Station Operations: Managing infrastructure for international operators.
- Satellite Communication Services: Secure broadband for government, defense, and commercial users.
- IoT & VMS Over Satellite: Smart solutions for remote monitoring and management.
- Supply of Components: Active and passive parts for ground systems (cables, connectors, semiconductors, etc.).
- Navigation & Location-Based Services: Enabling positioning services through satellite links.

## Major Projects

- Delivered VSAT links (point-to-point & multipoint) across Oman and GCC.
- Provided raw satellite capacity to government and enterprise customers.
- Customers include Omantel, Kuwait Drilling Co., Hilong Group of Companies, Al Ghalbi.
- Strategic partnerships with SES, CISCO, ND SATCOM, ST Engineering, Newtec, SatADSL.

## Contact Details

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## Omantel



### Company Overview

Omantel, established in 1974, is Oman's national telecommunications company and a key enabler of the country's digital and space infrastructure. The company provides mobile, fixed-line, ICT, and cloud services nationwide, utilizing a robust network of fiber, microwave, and satellite systems to deliver voice, broadband, and data services to millions of customers.

Internationally, Omantel operates one of the region's most extensive submarine cable networks, connecting Oman to major global hubs through multiple international landing stations.

In alignment with Oman Vision 2040, Omantel's new strategy emphasizes digital transformation, innovation, and space-sector integration. The company has also invested in Etlag Services LLC, Oman's first commercial rocket port and space research hub, strengthening the nation's growing space ecosystem.

**Year of company foundation: 1974**

**Total number of employees: 2331**

**Employees in Space Sector Roles: 100**

### Core Business & Main Activities

- Satellite Services: Capacity leasing, network connectivity, and ground operations.
- Mobile & Fixed Services: Voice, broadband, and data solutions through fiber and microwave systems.
- ICT Solutions: Smart systems integration, cybersecurity, IoT, and enterprise IT solutions.
- Cloud & Hosting Services: National cloud platforms, data center operations, and managed hosting.

### Contact Details

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# AR Technology®



## Company Overview

AR Technology®, established in 2020, is Oman's first TRA-licensed IoT solutions provider and a certified Omani SME startup, driving national digital transformation and sustainable development. Headquartered in Muscat, the company designs and delivers advanced Internet of Things (IoT) systems to optimize operations, reduce costs, and enable data-driven decision-making across critical sectors – including smart cities, utilities, logistics, industry, agriculture, and environmental management.

At the heart of AR Technology®'s offerings are two integrated platforms:

- A nationwide Low-Power, Wide-Area Network-as-a-Service (NaaS) providing secure connectivity for IoT devices.
- A no-code IoT Software-as-a-Service (SaaS) platform enabling real-time data collection, analytics, and visualization through intuitive dashboards.

By combining terrestrial and satellite connectivity with intelligent analytics, AR Technology® empowers organizations to operate smarter, safer, and more efficiently while ensuring data sovereignty within Oman's national borders.

**Year of company foundation: 2020**

**Total number of employees: 5**

**Employees in Space Sector Roles: 3**

## Core Business & Main Activities

- IoT Network Deployment - Building and operating nationwide LoRaWAN® networks.
- Data Platforms & Analytics - Providing NaaS and SaaS for real-time data monitoring and visualization.
- Smart Solutions - Implementing IoT-based systems for cities, utilities, logistics, and agriculture.
- Sustainability & Energy Efficiency - Deploying technology for smarter resource management.
- Research & Innovation - Developing new use cases integrating IoT with satellite data and A

## Major Projects

- Real Estate/Tourism: Advance Metering Infra (AMI) for automated utility meter reading (AMR) for MURIYA
- Manufacturing: Water monitoring or OCC
- Agriculture: Wells monitoring for MAFWR
- Energy: Sub-station IAQ monitoring for PDO
- Utilities: Water quality monitoring for MAJIS
- Manufacturing: Asset vibration monitoring for OMIFCO

## Contact Details

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# Remote Sensing Operators

## Oman Lens LLC



### Company Overview

Oman Lens LLC is an integrated space technology company established in 2023, providing comprehensive end-to-end geospatial solutions. The company's vision is to harness Artificial Intelligence to address Earth's challenges, with a clear mission to build and operate the region's first AI-powered satellite constellation. In November 2024, Oman Lens launched OL-1, the first Omani satellite equipped with AI technologies for Earth Observation. This historic milestone solidified Oman's position as a regional leader in intelligent satellite solutions.

**Year of company foundation: 2023**

**Total number of employees: 23**

**Employees in Space Sector Roles: 14**

### Core Business & Main Activities

- Upstream: Satellite development, launch services, satellite operations
- Midstream: Data collection, processing, archiving, distribution, and constellation management.
- Downstream: Image processing, advanced product development, training, and capacity building.

### Major Projects

- Successful launch of OL-1 - the first Omani AI-powered Earth Observation satellite.
- Filing of OL-1 Satellite Network (100 satellites) with ITU (June 2024).

### Contact Details

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## ETCO SPACE



### Company Overview

ETCO SPACE is an Omani space-technology spin-off founded in 2020 and focused on building national and regional capabilities in satellite data, ground operations, and applied analytics

The company operates Oman's first domestically owned satellites in low Earth orbit: AMAN-1 (3U) and AMAN-2 (6U) alongside a dedicated satellite ground station and an automated AI-driven data processing platform. Its solutions integrate Earth-observation imagery, IoT remote sensing, and advanced analytics to deliver actionable insights for government and enterprise users

By combining space data with ICT services, ETCO SPACE supports national priorities under Oman Vision 2040

The company provides targeted analytics for urban change detection, monitoring urban expansion, and effective environmental surveillance for relevant authorities in the Sultanate of Oman. The company maintains strong regulatory and institutional collaborations and has expanded international partnerships across Poland, the United States, the United Kingdom, Norway, and Japan, in addition to regional cooperation with Omantel and ZainTech

**Year of company foundation: 2021 (ETCO Space established 2023)**

**Total number of employees: 10**

**Employees in Space Sector Roles: 6**

### Core Business & Main Activities

- Satellite Data Services - Operating a ground station for LEO satellite imagery and IoT sensor data
- AI Analytics and Data Platforms - Automated processing and analysis of Earth-observation datasets
- IoT and ICT Integration - Network-agnostic IoT solutions for infrastructure, telecom, and public services
- Market Studies and Advisory - Insights on portfolio development, compliance, and product-market alignment
- Satellite Initiatives - Managing Oman's CubeSat missions and satellite operations
- Training and Capacity Building - Programs to develop national space-sector competencies
- Urban Change and Environmental Monitoring - Analytics for urban expansion, land use change detection, and environmental indicators to support national and local authorities in Oman

### Major Projects

- AMAN-1 and AMAN-2 CubeSat Missions in LEO
- Ground Station for LEO Data Downlink
- Satellite Operations and Mission Control Center
- International Collaborations in Europe, the US, and Japan
- Regional Telecom Alliances with Omantel and ZainTech
- Delivery of multiple Earth-observation and ICT data solutions in Oman and the region

### Contact Details

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# Drone and Space Services & Applications

## Bayanat Geographical Consulting



### Company Overview

Bayanat Geographical Consulting is an Omani company that established in 2013 and quickly expanded its business to Operators in Utilities, Infrastructures and Municipalities.

BGC provides accurate geospatial and geophysical study services like GIS, remote sensing, CAD and digital survey data capturing and processing tools & methods used by skilled field technicians & spatial-database developers.

**Year of company foundation: 2013**

**Total number of employees: 120**

**Employees in Space Sector Roles: 109**

### Core Business & Main Activities

- GIS Application and Spatial Data Management
- GIS Support Services
- Provide and analyze satellite images
- Reality Mapping
- Urban Planning and Cartography, detailed city maps and 3D models
- Geographical Surveying and Data Acquisition
- Smart Cities, integration of IoT and mobile technologies for smart solutions

### Contact Details

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- Phone (Mobile): +968 9219 6663 | +968 7752 2168
- HQ Address: South Mawalih, Muscat, Oman

## North Systems Oman



### Company Overview

Northsys, established in 2013 and headquartered at Knowledge Oasis Muscat, is an Omani technology company specializing in software development, GIS services, and remote sensing analysis. Originally incubated under the SAS Center for Entrepreneurship (formerly managed by the Information Technology Authority - ITA), Northsys has grown into a trusted national provider of spatial and environmental intelligence solutions.

The company leverages satellite imagery, GIS mapping, and data analytics to support government agencies and private enterprises in sustainable planning, land-use management, and environmental monitoring. With strong local roots and international collaborations, Northsys continues to expand its technical expertise to strengthen Oman's geospatial ecosystem and its alignment with Vision 2040.

**Year of company foundation: 2013**

**Total number of employees: 8**

**Employees in Space Sector Roles: 3**

### Core Business & Main Activities

- Software Development - Custom-built software and data platforms for GIS and environmental management.
- GIS Services - Spatial database creation, mapping, and analysis solutions.
- Remote Sensing & Earth Observation - Image processing, data analytics, and visualization.
- Drone-Based Sensing - Aerial data collection and topographic analysis.
- Training & Capacity Building - Specialized workshops in GIS and remote sensing applications.

### Major Projects

- Erosion Assessment Project - Al Batinah Coast (Authority of Environment):

A national environmental study focused on shoreline changes and coastal resilience, using advanced satellite and remote sensing datasets.

- Development of Remote Sensing Data Analysis Platform:

A digital system for processing and disseminating Earth observation data, serving as a foundational tool for national geospatial projects.

### Contact Details

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- Address: Office 2, Floor 3, Building 5, Knowledge Oasis Muscat, Sultanate of Oman

## AMAN Consultancy and Technology



### Company Overview

AMAN is an Omani consultancy and digital transformation company offering integrated solutions in strategy, digital consulting, and operational excellence. It leads the GeoMind geospatial intelligence platform, which leverages AI and satellite imagery to provide insights on land use, urbanization, agriculture, and environmental monitoring, supporting informed decision-making for public and private sector clients. GeoMind is a cloud native GIS and EO platform that is a one-stop-shop for satellite intelligence and analysis.

**Year of company foundation: 2016**

**Total number of employees: 27**

**Employees in Space Sector Roles: 7**

### Core Business & Main Activities

- Business & Digital Consultancy
- Digital Solutions & AI Products
- PMO Services & Outsourcing

### Major Projects

- At the forefront of its innovation efforts is GeoMind, AMAN's advanced geospatial intelligence platform. GeoMind leverages AI, GIS, and high-resolution satellite imagery to unlock insights into land use, urban development, environmental change, agriculture, and disaster assessment, making it a critical tool for data-driven decision-making across public and private sectors as an all-in-one platform.

### Contact Details

- Address / office location: Alenaam Building, office #54, Almouj Street, North Almawalih .
- Employees: 27 (including 7 in space-related activities as of June 2025)
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## Ankaa Space & Technologies LLC



### Company Overview

Founded in 2013, Ankaa Space & Technologies LLC is an Omani innovation company providing integrated AI, robotics, UAV, aerospace, and space services across Oman and the GCC. With a mission to drive technological sovereignty and support national visions such as Oman Vision 2040, Ankaa delivers future-ready solutions that accelerate digital transformation, strengthen security, and enhance competitiveness.

The company operates across multiple domains—aviation systems, drone technologies, AI/IT platforms, and emerging space systems—making it a trusted partner for governments, enterprises, and communities. Through research, partnerships, and capacity-building initiatives, Ankaa is committed to shaping a smarter, safer, and more prosperous future.

**Year of company foundation: 2013**

**Total number of employees: 38**

**Employees in Space Sector Roles: 2**

### Core Business & Main Activities

- IT & Artificial Intelligence
- GIS & Smart Cities
- Space & Metrology
- Aviation and Drone
- AgriTech
- Cybersecurity
- Banking Solutions
- Training

### Major Projects

- Drone Spraying projects
- Muscat International Airport (ILS). Refurbishment of ILS System.
- Oman Urban Observatory. Urban Observatory System Implementation.
- Oman Addressing Apps
- DSP Dhofar 2025
- Developing GIS Maps for Dhofar Municipality
- Implementation of Oman Space Accelerator Program
- Development of E-health services for Ministry of health

### Contact Details

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## Centre of Geographical Information and Satellite Applications (TerraMaps)



### Company Overview

TerraMaps, officially known as the Centre of Geographical Information and Satellite Applications, is an Omani company specializing in satellite remote sensing and GIS-based solutions. Established in 2022 and headquartered in Halban-Al Moubilah, TerraMaps delivers cutting-edge geospatial intelligence services that empower clients to monitor, analyse, and manage environmental and climate challenges effectively.

The company provides end-to-end Earth observation services—from data acquisition to analysis and visualization—across multiple domains, including agriculture, water management, oceanography, weather, climate, and natural hazards. Its high-resolution maps and analytical models support decision-making for urban planning, early warning systems, and climate adaptation strategies.

Beyond technical services, TerraMaps plays a key role in training, education, and knowledge transfer, positioning itself as a regional hub for capacity building in GIS and satellite applications.

**Year of company foundation: 2022**

**Total number of employees: 3**

**Employees in Space Sector Roles: 3**

### Core Business & Main Activities

- Satellite Remote Sensing Services
- GIS & Mapping Solutions
- Natural Hazard Risk Assessment & Management
- Climate and Hydrology Studies
- Research & Analytical Services
- Training on GIS and Satellite Data Applications

### Major Projects

- Vegetation Cover Mapping Project (2024):

Developed advanced mapping products to monitor vegetation density and environmental change across key agricultural zones in Oman.

- Natural Hazard Assessment Studies:

Conducted geospatial risk analyses to support disaster preparedness and mitigation strategies for government and private entities.

- Climate & Hydrology Research Initiatives:

Delivered applied research on water resource management and climate variability, supporting data-driven sustainability policies.

- GIS & Remote Sensing Training Programs:

Provided specialized training for public and private sector professionals, enhancing national capacity in satellite applications.

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- Address: 3618 Halban-Al Moubilah Street, Muscat, Sultanate of Oman

## Star Drones



### Company Overview

Star Drones, founded in 2022, is an Omani company specializing in the design, development, and deployment of advanced drone technologies tailored for diverse applications. With a vision to position Oman as a regional hub for unmanned aerial systems (UAS), Star Drones combines engineering expertise with practical solutions for agriculture, environmental monitoring, security, infrastructure inspection, and research.

The company is building a dedicated drone manufacturing facility in Oman, aiming to reduce import dependency, strengthen local high-tech industries, and create sustainable growth. Its R&D efforts focus on AI-integrated drone technologies and precision agriculture solutions. In parallel, Star Drones promotes knowledge transfer and capacity building by training Omani talent, organizing workshops, and ensuring safe and regulated drone usage.

**Year of company foundation: 2022**

**Total number of employees: 9**

**Employees in Space Sector Roles: 7**

### Core Business & Main Activities

- Drone Design & Manufacturing
  - Developing specialized drones for agriculture (pest-control, spraying, monitoring).
  - Establishing Oman's first drone manufacturing facility.
- Research & Development
  - AI-driven aerial technologies.
  - FPV (First Person View) and custom UAV systems.
- Remote Sensing Services
  - Environmental monitoring.
  - Precision agriculture solutions.
- Training & Capacity Building
  - Training and certification of drone operators.
  - Technical support and software development services for UAS.
- Other Services
  - Infrastructure inspection.
  - Security and surveillance applications.

### Major Projects

- Global Masters Challenge - Recognition for innovative drone solutions.
- Oman Airports Hackathon - Contributions to aviation safety & efficiency.
- SME & Entrepreneurs Hackathons - Development of creative UAV applications.
- Research Initiatives: AI-integrated drones, specialized agriculture drones, FPV technology development.

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## GIS HUB



### Company Overview

GIS HUB, established in 2023, is a specialized geospatial solutions provider offering advanced services in GIS, remote sensing, surveying, and spatial data management. With expertise in satellite imagery analysis, geodatabase development, and custom GIS applications, GIS HUB supports government and private sector clients in making data-driven decisions.

The company actively contributes to the space sector through satellite data processing, Earth observation projects, and integration of geospatial technologies for sustainable development, urban planning, and environmental monitoring. By aligning with Oman Vision 2040 and global space technology trends, GIS HUB is expanding its role as a regional player in geospatial intelligence.

**Year of company foundation: 2023**

**Total number of employees: 11**

**Employees in Space Sector Roles: 3**

### Core Business & Main Activities

- Geospatial Information Systems (GIS) Development
- Remote Sensing & Satellite Data Analysis
- Spatial Database & Platform Integration
- Land & Aerial Surveying (Photogrammetry, LiDAR, drones)
- Space-Based Earth Observation Services
- Environmental & Urban Geospatial Analysis
- Custom Web/Mobile GIS Application Development

### Major Projects

- Agricultural Monitoring & Farm Management System (2025 - Ongoing):

Collaboration with a private agricultural company to develop a data-driven monitoring system using multispectral and thermal imagery. The system provides real-time crop health insights, irrigation analysis, and productivity assessments, supporting precision agriculture and improved decision-making.

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## Jal Technology and Investment



### Company Overview

Jal Technology and Investment (JAL Technology) is a 100% Omani-owned private company, founded in 2008 and headquartered in Muscat, Sultanate of Oman. With more than 12 years of experience in the IT and GIS domain, and over 7 years in implementing Oman's National Spatial Data Infrastructure (NSDI), JAL has become a trusted leader in geospatial services.

The company is focused on GIS, remote sensing, geospatial consultancy, satellite imagery provision (via international partners), and AI-based geospatial solutions. JAL also plays a key role in training, digital transformation, and remote sensing services, aiming to democratize location-based information across Oman and the region. Its vision is to create an accessible geospatial community and strengthen the role of spatial intelligence in supporting national development.

**Year of company foundation: 2008**

**Total number of employees: 11**

**Employees in Space Sector Roles: 5**

### Core Business & Main Activities

- GIS & Remote Sensing Services
- Satellite Imagery Provider (through international partnerships)
- Geospatial Consultancy & Data Production
- Remote Sensing Lab & Satellite Operation Center (Planned)
- AI-Based Geospatial & Drone Solutions
- Training Services in GIS & Remote Sensing
- Digital Transformation Solutions
- Launch Services (through partnerships and service integration)

### Major Projects

- Oman Census Project (2010): Provided high-resolution imagery and map production for the Ministry of National Economy.
- Professional Services for Establishment of National Spatial Data Infrastructure (NSDI) Project - (2013)
- Regional Statistical Integration-Solution The Statistical Centre for the Cooperation Council for the Arab Countries of the Gulf "GCC-Stat"
- Unified Addressing Project (2018): Delivered high-resolution imagery and developed a National Geospatial Addressing Database for the National Center for Statistics and Information (NCSI).
- AI-Powered Drone Solutions (2024): Developed advanced drone-based geospatial solutions for industrial and environmental applications.
- PDO 4EI Presentation (2024): Showcased AI-powered geospatial applications for the energy sector.

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## Ibn Firnas Drone Centre (IFDC)



### Company Overview

Ibn Firnas Drone Centre (IFDC), founded in 2020, is a leading Omani company providing one-stop drone hub solutions to meet the growing demands of public and private sectors across aerospace, remote sensing, and smart technology applications.

It is the first and only authorized DJI Enterprise dealer in Oman, and the first Civil Aviation Authority (CAA)-approved drone training academy in the Sultanate. IFDC plays a critical role in building Omani capabilities in unmanned aerial systems (UAS) by delivering certified training, advanced aerial services, and enterprise-level drone solutions.

Through partnerships with global technology providers (DJI, Pix4D, SkyFend, Drone Harmony, Site See), IFDC offers end-to-end drone solutions, including sales, deployment, inspections, mapping, AI-powered analytics, and after-sales support. Its services are trusted in vital industries such as oil & gas, agriculture, infrastructure, environmental monitoring, and emergency response.

**Year of company foundation: 2020**

**Total number of employees: 32**

**Employees in Space Sector Roles: 8**

### Core Business & Main Activities

- Drone Sales & Support
- Training & Certification: Drone pilot and technician training through Firnas Academy, certified by Oman's CAA.
- Aerial Services
- Advanced Drone Solutions

### Major Projects

- First CAA-approved Drone Training Academy in Oman.
- Deployment of drone inspection and monitoring solutions in oil & gas and infrastructure sectors.
- Development of AI-powered aerial analytics for agriculture and environment.
- Contribution to Oman's digital transformation and space ecosystem through drone-enabled intelligence and national capacity-building.

### Contact Details

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## Esbaar



### Company Overview

ESBAAR is a leading Omani provider of drone inspections and surveys, integrated with artificial intelligence and IoT-based smart solutions. Founded in Oman in 2017, ESBAAR is certified by both the UK Civil Aviation Authority (UK CAA) and the Omani Civil Aviation Authority (CAA) as a trusted provider of commercial drone services. As a key partner for the Oil & Gas, Utilities, and Infrastructure sectors, ESBAAR helps companies enhance safety, reduce downtime, and optimize asset performance.

With over 13,000 flying hours, 25,000+ completed flights, 270 TB of data analyzed, and 45+ satisfied customers, ESBAAR is Oman's 1st BVLOS (Beyond Visual Line of Sight) operator. The company holds 4 ISO certifications and is a certified IoT service provider by the Telecommunications Regulatory Authority (TRA). The company is currently expanding in the GCC and kicked-off its operation in Kuwait.

**Year of company foundation: 2017**

**Total number of employees: 174**

**Employees in Space Sector Roles: 43**

### Core Business & Main Activities

- Drone Survey Services
- Aerial Asset Inspection
- Advanced Air Mobility Solutions
- Long Range BVLOS Drones
- IIoT & Smart Solutions
- AI Solutions - Rig AI / ESBAAR Engine / Digital Twin
- Satellite Imageries Analysis utilizing AI-based tools
- ESBAAR Drone Academy (EDA), certified by CAA.

### Major Projects

- Ongoing VLOS and BVLOS pipeline, powerline, and flare inspection programs across Oman's oil & gas infrastructure using fixed-wing drones and ESBAAR Engine AI analytics.
- Delivered topography and hydrology studies for the Hafeet Railway Project that covered over 1,000 sq km from Sohar to Al-Buraimi.
- Operated the 2<sup>nd</sup> largest Remotely Piloted Aircraft Systems contract in the world for a major oil and gas company in the Sultanate of Oman.

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# Training & Consultancy

## Future for Technology and Development (FutureTech)



### Company Overview

FutureTech, founded in 2022 and based in Muscat (Mazoon Square), is an Omani company specializing in consultancy, innovation, and research & development across multiple domains, including ICT, space, management, education, and information science.

The company provides expert guidance and tailored solutions to government institutions and private sector clients. Its services emphasize strategic planning, digital transformation, automation, and cost efficiency, enabling clients to enhance productivity and service quality. FutureTech also supports R&D initiatives, e-commerce solutions, and capacity-building programs to strengthen Oman's knowledge economy and align with Vision 2040 priorities.

**Year of company foundation: 2022**

**Total number of employees: 4**

**Employees in Space Sector Roles: 2**

### Core Business & Main Activities

- ICT & Digital Transformation
- Space Consultancy & R&D
- Strategic & Management Consulting
- Education & Information Science Solutions
- Process Automation & E-Commerce Development
- Training & Capacity Building

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- Address: Mazoon Square, Muscat, Oman

## Code Academy



### Company Overview

Code Academy, founded in 2016 and based in Muscat (Khod), is a specialized Omani institution focused on training, consulting, and programming competitions. The academy leverages the expertise of its founders in rehabilitation, training, and advisory services for institutional transformation and digital readiness.

As part of its contributions to Oman's innovation ecosystem, Code Academy actively promotes technical knowledge transfer, Fourth Industrial Revolution (4IR) technologies, and space sciences. It is recognized as the first Omani "house of expertise" for programming competitions and has pioneered initiatives that support youth development, entrepreneurship, and capacity building in emerging technologies.

**Year of company foundation: 2016**

**Total number of employees: 12**

**Employees in Space Sector Roles: 2**

### Core Business & Main Activities

- Training & Capacity Building in digital technologies, coding, and space sciences
- Consulting Services for institutional transformation & digital adoption
- Programming Competitions - first Omani expertise center in this field
- Research & Development - supporting emerging tech and space-related projects
- Space & Technology Services:
  - Design & manufacture of launch platforms (conceptual/academic)
  - Earth observation & data dissemination
  - Space project incubation & research activities
  - Market services (new tech-based business models)
  - Launch services (training/incubation support)

### Major Projects

- Training Camp with MTCIT (Ministry of Transport, Communications & IT):  
Delivered advanced training programs in coding, digital technologies, and innovation.
  - TerraMaps Project:  
Engagement in geospatial and space-science-related activities.
- Recognized as a leading center in space sciences among local training and educational entities.

### Contact Details

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- Address: Muscat / Khod, Sultanate of Oman



## Innovation Factory (Research & Development)

### Company Overview

Innovation Factory, founded in 2014 and headquartered at Knowledge Oasis Muscat, is an award-winning Omani R&D micro-company recognized as Best Micro-Company 2017. Initially established as a digital-fabrication lab, it has evolved into a multi-disciplinary ecosystem combining advanced engineering, creative media, aerospace experimentation, and youth-focused educational initiatives.

Four years ago, the company entered the hybrid-rocket propulsion field, building a static-test facility to measure propulsion thrust and lay the foundation for aerospace capabilities.

Delivered in June 2025, this project included full engineering design, steel-truss fabrication, control systems, installation, and logistics. All intellectual property remains exclusively with Innovation Factory.

Today, Innovation Factory continues to merge aerospace engineering, immersive media, and STEM programs to drive world-class innovation from Oman.

**Year of company foundation: 2014**

**Total number of employees: 11**

**Employees in Space Sector Roles: 11**

### Core Business & Main Activities

- Advanced Engineering & Fabrication
  - Concept design, CAD modeling, and prototyping.
  - Steel and composite fabrication, precision mechanical systems.
  - Aerospace projects: hybrid-rocket propulsion, TLTS & RTES systems.
- Research & Development
  - Development of custom mechanical and electronic systems.
  - Hydraulic and electronic control subsystems for industrial/aerospace use.
- Creative Media & Immersive Experiences
  - Projection mapping, interactive exhibits, and festival installations.
  - Multi-sensory and immersive cultural experiences.
- Education & Youth Programs
  - STEM/STEAM outreach workshops for schools/universities.
  - Training and mentoring to inspire Omani youth in innovation.

### Major Projects

- Hybrid-Rocket Propulsion Test Facility (operational and expanding).
- Etlag Services Contract (2025): Design and delivery of TLTS and RTES systems.
- Tulip Launch Tower System (TLTS): A dual-arm "tulip-petal" tower that stabilizes rockets during pre-launch operations and retracts before ignition.
- Rocket Transport & Erection System (RTES): A specialized vehicle for rocket transport, vertical alignment, and erection, integrating hydraulic tilt-up mechanisms and precision controls.

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- Address: Knowledge Oasis Muscat, Oman

## Gulf Consultations and Services



### Company Overview

Gulf Consultations and Services (GCS) is a telecommunications and technology consultancy established in Muscat in 2020, offering expertise across engineering, digital transformation, regulation, and project management. With a multi-disciplinary team of experts, GCS delivers innovative and practical solutions that empower both government and private sector clients to excel in a rapidly evolving technological landscape.

Through strategic partnerships and deep regional experience, GCS provides end-to-end consultancy, technical, and regulatory services—enabling clients to adopt next-generation technologies, strengthen compliance frameworks, and drive digital transformation.

The company's work extends beyond Oman and the Middle East, contributing to global technology advisory and implementation projects that focus on telecommunications, space, and digital infrastructure.

**Year of company foundation: 2020**

**Total number of employees: 3**

**Employees in Space Sector Roles: 3**

### Core Business & Main Activities

- Telecommunications Consultancy & Engineering: Expertise in spectrum management, network design, and regulatory alignment.
- Regulatory & Management Services: Supporting policy development, compliance, and licensing for telecom and satellite projects.
- Technical Solutions & IT Services: Delivering ICT integration, cybersecurity, and digital transformation advisory.
- Commercial Representation & Project Management: Representing global technology partners and providing operational and financial studies.
- Event Management & Capacity Building: Organizing international conferences, workshops, and stakeholder engagement programs in telecom and space domains.

### Major Projects

- Development of Oman's National Space Policy & Strategy (2022): In partnership with Euroconsult, GCS led the development of Oman's Space Policy and Strategy under the Ministry of Transport, Communications & Information Technology (MTCIT).
- Organization of the Middle East Space Conference (MESC 2024): Commissioned by MTCIT, GCS successfully managed and executed the first international space conference in Oman.
- Telecommunications Regulatory Consultancy: Provided end-to-end support for spectrum management, licensing, and infrastructure planning in alignment with TRA regulations, enabling Oman's transition toward next-generation telecom services and satellite integration.

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## Eknan Technologies



### Company Overview

Eknan Technologies, founded in 2023 and headquartered in Al Qurum, is the first certified encryption company in Oman specializing in innovative and advanced cybersecurity solutions, with a focus on encryption technologies. The company's flagship achievement is the creation of the first Omani encryption engine at the hardware level, compliant with international standards (ISO 27001, NIST, FIPS).

Eknan is among only 10 global manufacturers of encryption technology based on semiconductors, positioning Oman as a pioneer in this niche field. Its products address vulnerabilities in cybersecurity while enhancing efficiency and reducing costs, making them vital for national security and opening opportunities for economic growth, investment, and job creation.

Eknan has earned recognition through incubation at Omantel Innovation Lab, awards at COMEX, inclusion in the Jadara program for high-potential startups, selected in Startup Leadership Program by Royal Academy, International and local Exhibition participation and winning the Hadatha cybersecurity prize by CERT. The company has also signed a security partnership with Oman Data Park and three additional agreements with regional cybersecurity providers, expanding its customer reach.

**Year of company foundation: 2023**

**Total number of employees: 7**

**Employees in Space Sector Roles: 4**

### Core Business & Main Activities

- R&D in Cybersecurity
- Consultation Services
- Hardware Encryption Solutions - sales and long-term maintenance contracts
- Encryption for Satellite Communications - ultra-low latency (1 ms) hardware-based encryption systems
- Customization of Encryption solutions as per clients needs

### Major Projects

- First Omani Hardware Encryption Engine - semiconductor-based, ISO/NIST/FIPS compliant.
- Proof of Concept (PoC): Successfully streamed encrypted video at Al Amrat satellite station with 1ms latency.
- Encryption projects for multiple clients such as Omantel, TRA etc.

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وزارة النقل والاتصالات وتقنية المعلومات  
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