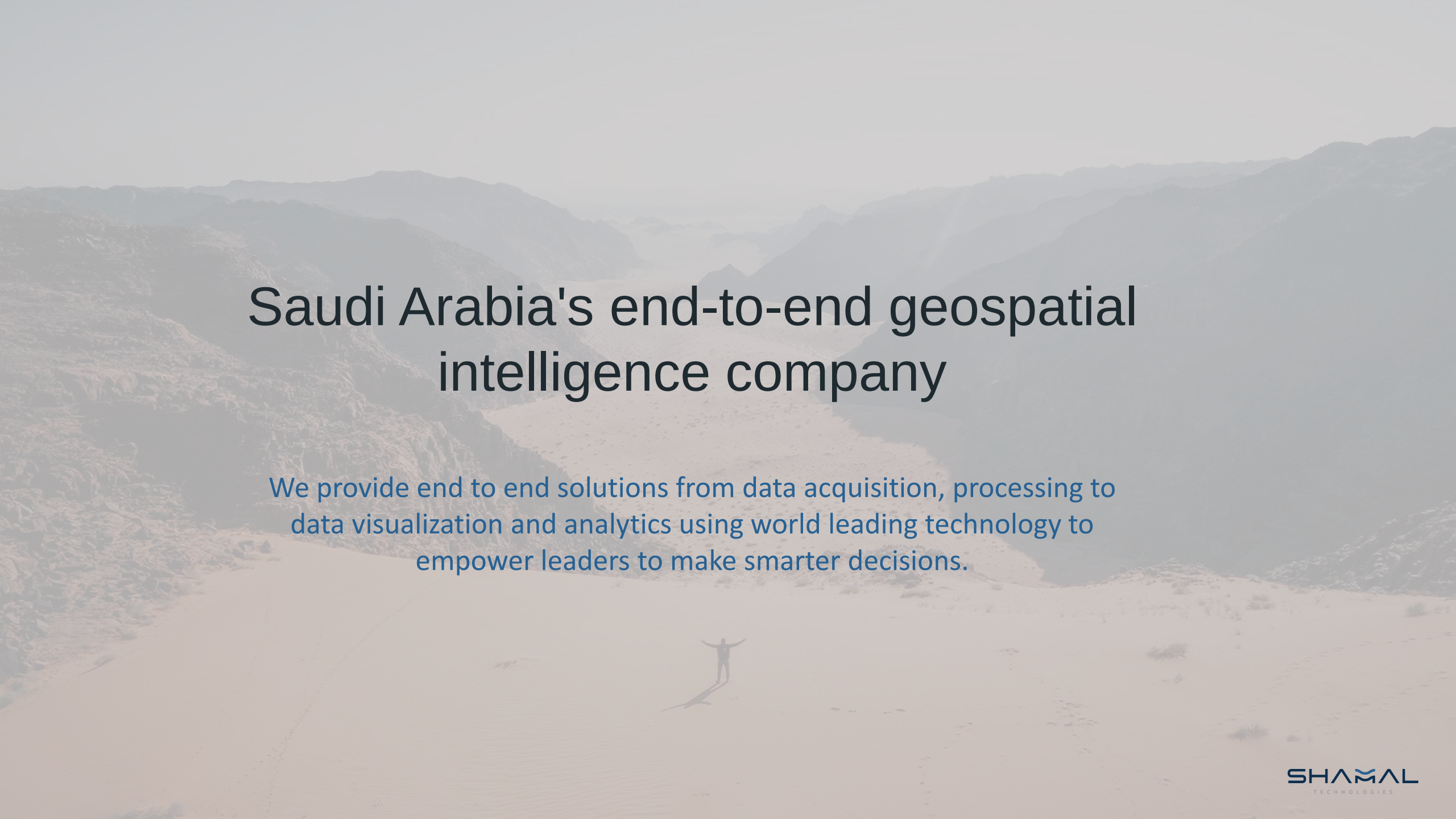


SHAMAL
TECHNOLOGIES

A person stands with arms outstretched in a vast, sandy desert valley. In the background, there are rugged, layered mountains under a hazy sky. The scene is captured in a wide-angle shot, emphasizing the scale and isolation of the environment.

Saudi Arabia's end-to-end geospatial intelligence company

We provide end to end solutions from data acquisition, processing to data visualization and analytics using world leading technology to empower leaders to make smarter decisions.

Shamal’s in a glance

Core Moats

100% Saudi Ownership

Maximum alignment with local-content scoring in strategic procurement.

93%+ Saudi Workforce

Credible local capability, not a nominal reseller model.

End-to-end Delivery

Single vendor from acquisition to processing, visualization and analytics.

Spread cross the kingdom

We have different offices around the kingdom including **Riyadh, Jeddah, Tabuk** and **Jubail**, in addition to our R&D lab in collaboration with **KAUST**.

Deep Domain Expertise & Talent

Shamal's founding team brings **25+ years** of combined UAV operations, geospatial analytics, and marine data expertise delivering **end-to-end** .

Control Of Fleet And Platform Build-out

Operational know-how and local capability reduce reliance on slow international supply chains. 100% Saudi ownership + GAMI registration = only Saudi C-UAS integrator a structural moat that international defence companies cannot replicate without a local JV partner. supply chains.

Competitive Advantage

These advantages compound together: **local-content** fit opens doors, **marine differentiation** commands premium pricing, **KAUST credibility** closes technical doubt, and the Gulf conflict has created immediate demand for a trusted Saudi C-UAS operator. The combination is extremely difficult for any single competitor to replicate initiation sharpens positioning, and the platform strategy expands margin and valuation over time.

Leadership Combines Scientific Depth, Regulatory Exposure And Institutional Access

Selected Leadership Credentials



Haitham Aljahdali

CEO & Co-founder

Marine scientist, entrepreneur, and national leader in autonomous systems. CEO & Co-founder of Shamal Technologies since 2019. 20+ years of field experience in marine operations, UAV systems, and geospatial data. Former Saudi project lead at the World Economic Forum Centre for the Fourth Industrial Revolution. Systems policy, research operations and industry networks.

- Marine Scientist, MSc King Abdulaziz University
- 20+ years at KAUST across research and marine operations
- Saudi project lead — World Economic Forum Centre for the Fourth Industrial Revolution
- Co-founder of the Unmanned Vehicles Technologies Association in Saudi Arabia
- Saudi project lead for the World Economic Forum Centre for the Fourth Industrial Revolution initiative
- National representative to the International Research Ship Operators network
- Published scientist (3 peer-reviewed papers, Red Sea and marine chemistry). Native Arabic, expert English. 15+ international industry partnerships established.

WHY IT MATTERS:

INVESTOR ACCESS TO A FOUNDER WITH DEEP SAUDI GOVERNMENT PROCUREMENT NETWORKS, INTERNATIONAL GEOSPATIAL AND MARINE SCIENCE CONNECTIONS, AND A 20+ YEAR TRACK RECORD OF OPERATING UAV AND MARINE DATA SYSTEMS IN THE FIELD OF ENVIRONMENT AND THE POLICY LANDSCAPE.

KEY STAFF

SHAMAL
TECHNOLOGIES



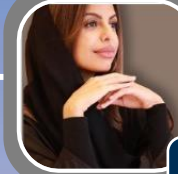
**Co-Founder
& COO**

Craig Mushet



**Founder
& CEO**

Haitham Al-Jahdali



Co-Founder

Lama Al-Jahdali



Projects Head

Eng. Eyad Alamoudi



Deputy CEO

Dr. Hesham Malak



BD Manager

Jameer Mohammed



**Operation
Manager**

Nawaf Alsahli



**Geomatics
Department
Manager**

Ahmed Hadeel



**Senior Project
Management**

Eng. Khalid Shami

Current Traction And Credentials

Operating Platform

Shamal has been operating since 2019 with strong financial momentum with delivery credentials through Shamal OS platform in government, utilities, real estate, mining, environmental and coastal programs.

Partnerships Strengthen Execution

- Authorized DJI partner and distributor
- Technology collaboration with CyberHawk
- Geospatial and satellite collaboration with ECURS
- Environmental partnership with Quantum Solutions
- AI analytics collaboration with MOBISENSE

Selected Sectors Served

Government

Construction

Oil & Gas

Mining

Marine

Utilities

Selected Clients



Certifications



ISO 9001 / 14001 / 45001

- 93% Saudi workforce (**Premium Nitaqat**)
- **GAMI** registration in progress for defence sector.
- Authorized **DJI partner**,
- **GACA**-licensed operations,
- **ISO 9001/14001/45001** aligned.oss data capture, processing and analytics.

Shamal's Offer Moves Clients From Raw Data Capture To Intelligence And Decision Support

Integrated Stack



Service Lines

Aerial mapping and surveying

Environmental monitoring

Asset and infrastructure inspection

Digital twin and 3D modeling

Coastal and marine intelligence

Geospatial analytics platform

Training and development

Marine Intelligence Is The Wedge

The combination of coastal science expertise, aerial data capture and analytics creates a differentiator with few local substitutes.



Datasets Examples

Visual Imagery (RGB)

Our drones carry RGB cameras that capture high-resolution, highly accurate images, ideal for producing detailed maps and 3D models



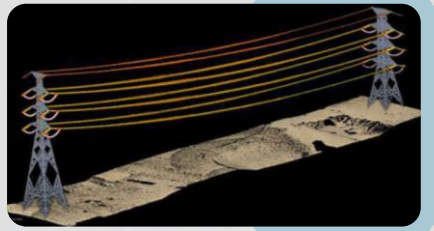
Detail Visual Inspection

Specialized visual inspection payloads are used for tasks such as flare stack checks, tower inspections & confined space inspections to detect damage & document findings



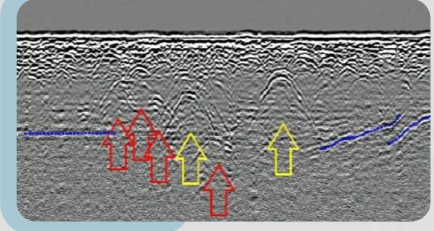
LiDAR Point Cloud

It produce very precise point clouds used for topographic mapping and 3D modeling, enabling creation of digital twins of the surveyed area



UT Thickness Measurement

It measures the remaining thickness of surfaces, walls, and plates, including Dry Film Thickness (DFT), which is essential for infrastructure integrity checks



Radar gram GPR

Ground-penetrating radar (GPR) payloads produce radargrams used in mineral exploration and geotechnical surveys, accurately mapping subsurface structures.



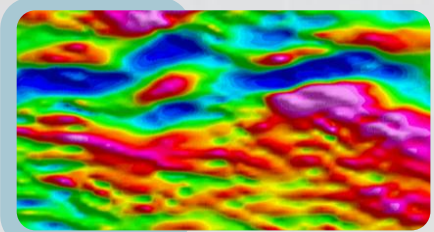
Thermal Imagery

Thermal cameras are crucial for thermographic analysis, helping to locate defects, identify issues, and support operations such as night-time surveillance.



Multispectral Imagery

Multispectral sensors deliver index data essential for assessing plant health, monitoring environmental changes, and conducting mineral exploration surveys.



Magnetic Reading

Magnetic sensors generate high-resolution, accurate magnetic maps that are vital for mineral exploration.

Shamal is not just Vision 2030-aligned. It is Vision 2030-built.

Saudi Arabia's only end-to-end geospatial intelligence and Counter-UAS company — built by Saudis, for Saudi Arabia's most ambitious projects and its national security programs.

Haitham Aljahdali

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