

NEWSPACE MARKET · COMPANY PROFILE



# Taqnia Space

Saudi Arabia · founded 2011 · taqniaspace.com.sa

7

PRODUCTS

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SERVICES

[newspacemarket.com/companies/taqnia-space/](https://newspacemarket.com/companies/taqnia-space/)

as of 20 August 2026



# Taqnia Space

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Taqnia Space Company designs and provides High Throughput Satellite (HTS) terminals and secure satellite communications infrastructure. The company aims to provide mobile/fixed SATCOM, geospatial services, and satellites manufacturing. Its product lines include voice, data, and video communications, TV broadcasting, and high-value remote sensing data. Taqnia Space serves satellite service providers and operators in the Middle East, North Africa, and worldwide. It is a subsidiary of The Saudi Technology Development and Investment Company (TAQNIA), which was established in June 2011 by Royal Decree. T AQNIA is owned by the Public Investment Fund (PIF). Taqnia Space commercializes technological developments from King Abdulaziz City for Science and Technology (KACST) through a strategic partnership.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

## SERVICES

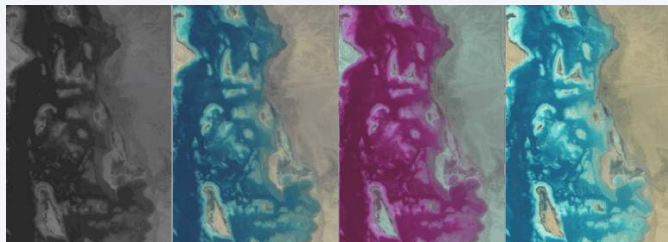
# Services

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### High Throughput Satellite (HTS) Connectivity

Taqnia Space provides KA Band (HTS) connectivity for UAVs, enabling higher data rates for ISR and video, with high availability for critical operations.

# Product catalogue



## TAQNIA SPACE

### Geospatial and Intelligence Service

TAQNIA Space offers an end-to-end geospatial and intelligence service for decision-makers, providing solutions for asset protection, mission planning, and environmental monitoring.

price on request



## TAQNIA SPACE

### Government and Defense SATCOM Network

Taqnia Space provides secure and cost-effective satellite communication network solutions for government, defense, and security organizations. The service supports multiple mobile

price on request



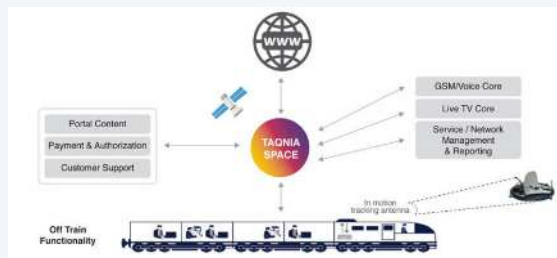
## TAQNIA SPACE

### Next-generation global AERO connectivity service

TAQNIA SPACE offers a 'Next-generation global AERO connectivity service' providing high-throughput Ka-band HTS inflight connectivity for commercial airlines, leveraging dedicated s

|                                              |                                                                         |
|----------------------------------------------|-------------------------------------------------------------------------|
| Connectivity Type                            | KA-BAND HTS Inflight connectivity                                       |
| Target Launch Date (Next-generation service) | Q4 2017                                                                 |
| Broadband Speed (MENA/Europe)                | Exceeds 50 Mbps                                                         |
| Supported Aircraft (Airbus)                  | A320, A321, A330                                                        |
| Supported Aircraft (Boeing)                  | B737, B777-300, B787                                                    |
| Antenna Type                                 | Dual-band (Ka/Ku) antenna                                               |
| Antenna Design                               | Designed by TAQNIA SPACE, utilizes high-efficiency horn array apertures |

price on request



## TAQNIA SPACE

### Railway Communication on the Move (COTM) Service

TAQNIA SPACE provides a Communication on the Move (COTM) service for railways, offering broadband connectivity to trains via its global high-throughput satellite network.

price on request



#### TAQNIA SPACE

### SGS-1 Global Network

SGS-1 is a Ka-band high-throughput satellite providing secure communication services across the Middle East, Africa, and Europe, with additional services from other satellites.

|                          |                                                |
|--------------------------|------------------------------------------------|
| Satellite Name           | SGS-1                                          |
| Operator                 | Taqnia Space company                           |
| Owner                    | King Abdulaziz City for Science and Technology |
| Coverage Area (SGS-1)    | Middle East, Africa, Europe                    |
| Band (SGS-1)             | Ka-band                                        |
| Orbital Position (SGS-1) | 3° East                                        |
| Total Capacity (SGS-1)   | 2.4 GHz                                        |

price on request



#### TAQNIA SPACE

### TAQNIA SPACE Maritime Service Solution

TAQNIA SPACE offers a maritime service solution providing high-throughput satellite mobile connectivity and broadband for vessels, ensuring reliable communication, voice, and live

price on request



#### TAQNIA SPACE

### UAV Satellite Connectivity Solution

Taqnia Space provides Ka-band HTS satellite connectivity solutions for Unmanned Aerial Vehicles (UAVs), enabling high-data-rate links for Intelligence, Surveillance, and Reconnaiss

price on request

## Contact Taqnia Space

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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