Azercosmos
Overview
About us

· Azercosmos Open Joint Stock Company established in 2010

· Only satellite operator in the Caucasus providing satellite-based broadcast and communication services

· Technical personnel consisting of highly qualified local professionals trained in the USA, France, India, China, Malaysia and etc.

· Our **vision**: to become one of the leading providers of satellite services in Eurasia and Africa

· Our **mission**: to render high-quality satellite services based on customer satisfaction, sustainability and flexibility

· Our **values**: 
Satellite Ground Control Stations

- Main Satellite Ground Control Station in Absheron Peninsula
- Back-up Satellite Ground Control Station in Nakhichevan
Telecommunication services
Azerspace-1
46° E

- **Launched:** 2013
- **Manufacturer:** Orbital Sciences
- **C-Band**
  - **Beams:**
    1. Africa & Europe
    2. Central Asia & Europe
- **Payload:**
  - 24 (36 MHz) active transponders
- **Ku-Band**
  - **Beams:**
    1. Europe
    2. Central Asia
  - **Payload:**
    - 12 (36 MHz) active transponders

**C-Band**
Uplink: 5.9-6.4 GHz Downlink: 3.7-4.2 GHz
Polarization: V/H for Africa/Eu Beam RHCP/LHCP for C.Asia/Eu/MENA Beam

**Ku-Band**
Uplink: 13.7-14.0 GHz Downlink: 10.9-11.2 GHz
Polarization: V/H
Combined coverage of Azerspace-1 at 46° E
Azerspace-1 Products and Services

- **Video** Direct to Home using the purpose built 36 MHz transponders on Azerspace-1
- Video Distribution in Central Asia and Central and Eastern Europe
- Video playout services
Azerspace-1 Technical Support

- 24/7/365
- Support languages: Azerbaijani, English, Russian and Turkish
- Link budget calculation in 2-24 hours
- Link activation in 10-15 minutes
Countries Covered by Azerspace-1

- Afghanistan
- Albania
- Algeria
- Andorra
- Angola
- Austria
- Azerbaijan
- Bahrain
- Bangladesh
- Belarus
- Belgium
- Benin
- Bhutan
- Bosnia
- Bulgaria
- Burkina Faso
- Burundi
- Cambodia
- Cameroon
- Cape Verde
- Central African Republic
- Chad
- China
- Comoros
- Congo
- Cot D'Ivoire
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Djibouti
- Egypt
- Equatorial Guinea
- Eritrea
- Estonia
- Ethiopia
- Finland
- France
- Gabon
- Gambia
- Georgia
- Germany
- Ghana
- Greece
- Guinea
- Hong Kong
- Hungary
- Iceland
- India
- Indonesia
- Iran
- Iraq
- Ireland
- Israel
- Italy
- Jordan
- Kazakhstan
- Kenya
- Kyrgyzstan
- Kuwait
- Laos
- Latvia
- Lebanon
- Lesotho
- Liberia
- Libya
- Liechtenstein
- Lithuania
- Luxemburg
- Macau
- Macedonia
- Madagascar
- Malawi
- Malaysia
- Maldives
Countries Covered by Azerspace-1 (cont.)

- Mali
- Malta
- Mauritania
- Mauritius
- Monaco
- Moldova
- Mongolia
- Morocco
- Mozambique
- Myanmar
- Namibia
- Nepal
- Netherlands
- Niger
- Nigeria
- Norway
- Oman
- Pakistan
- Philippines
- Poland
- Portugal
- Qatar
- Reunion
- Romania
- Russia
- Rwanda
- San Marino
- Sao Tome & Principe
- Senegal
- Saudi Arabia
- Serbia
- Seychelles
- Sierra Leone
- Singapore
- Slovenia
- Slovakia
- Somalia
- South Africa
- Spain
- Sri Lanka
- Sudan
- Swaziland
- Sweden
- Switzerland
- Syria
- Tajikistan
- Turkmenistan
- Taiwan
- Tanzania
- Thailand
- Togo
- Tunisia
- Turkey
- Uganda
- U.A.E
- Ukraine
- United Kingdom
- Uzbekistan
- Western Sahara
- Vietnam
- Yemen
- Zaire
- Zambia
- Zimbabwe
Azerspace-2
45° E

- **To be launched:** 2017
- **Manufacturer:** Space Systems/Loral
- **Partner:** Intelsat

- **Coverage**
  - Europe
  - Central and South Asia
  - Middle East
  - Tropical Africa

**Ku-Band**
Uplink: 14000–14750 MHz
Downlink: 11450–12750 MHz
Polarization: Linear
Earth observation services
Azersky, Earth Observation Satellite

- **High resolution** (1.5m imagery products) optical Earth observation satellite

- **Azersky (SPOT 7)** together with **SPOT 6** form Earth-observation constellation with highly responsive sensors that increase acquisition capacity and simplify data access

- **Launched**: 2014

- **Manufacturer**: Airbus Defence and Space
Azersky technical information

- A new resolution/coverage ratio

1.5 m

- Panchromatic and
- Pan-sharpened product

12 bits

- Pixel depth at acquisition

Red
Green
Blue
Near Infrared

6 m

6-10 m

Geolocation accuracy CE90
Azersky main applications

- Defence and Security
- Emergency Response
- Maritime surveillance and Seafaring
- Oil and Gas Exploration
- Tourism
- Urban Planning
- Transportation and Road Infrastructure
- Cartography
- Environmental Protection
- Agro-environmental Monitoring
- Development of Scientific Research
Preferred Business Area

- Is particular group of countries in which Azercosmos carries out commercial and marketing activity within strategic partnership agreement with Airbus DS. This includes:
  
  - Azerbaijan
  - Uzbekistan
  - Kyrgyzstan
  - Tajikistan
  - Turkmenistan
For further details please contact:

Dan Radu
Chief Commercial Officer

72 U. Hajibeyli str., AZ1000, Baku, AZERBAIJAN
Office: +994 12 5650055 ext. 118
Mobile AZE: +994 50 285 0118
Mobile UK: +44 77 33 777 007
dan.radu@azercosmos.az
www.azercosmos.az
Thank You!