



**ICASAT**



**International Communication Age with SATellite**

**Satellite Communication Service Provider**

*January 2017*

## **ICASAT Corporation**

- **Established at 2002 in Tehran**
- **Official CRA satellite service provider of Iran (SAP License)**
- **SAP License #12150/10**
- **RIPE NCC membership**
- **Iranian ICT guild organization (IIG) membership**
- **Up to 8 satellite Hub centers**

**Consistent  
Connection  
with ICASAT**



## **Our Vision**

- **to become the leader of satellite communication service providers in Iran by 2020**

## **Our Mission**

- **Providing consistent satellite access telecommunication by the latest and advanced technologies**

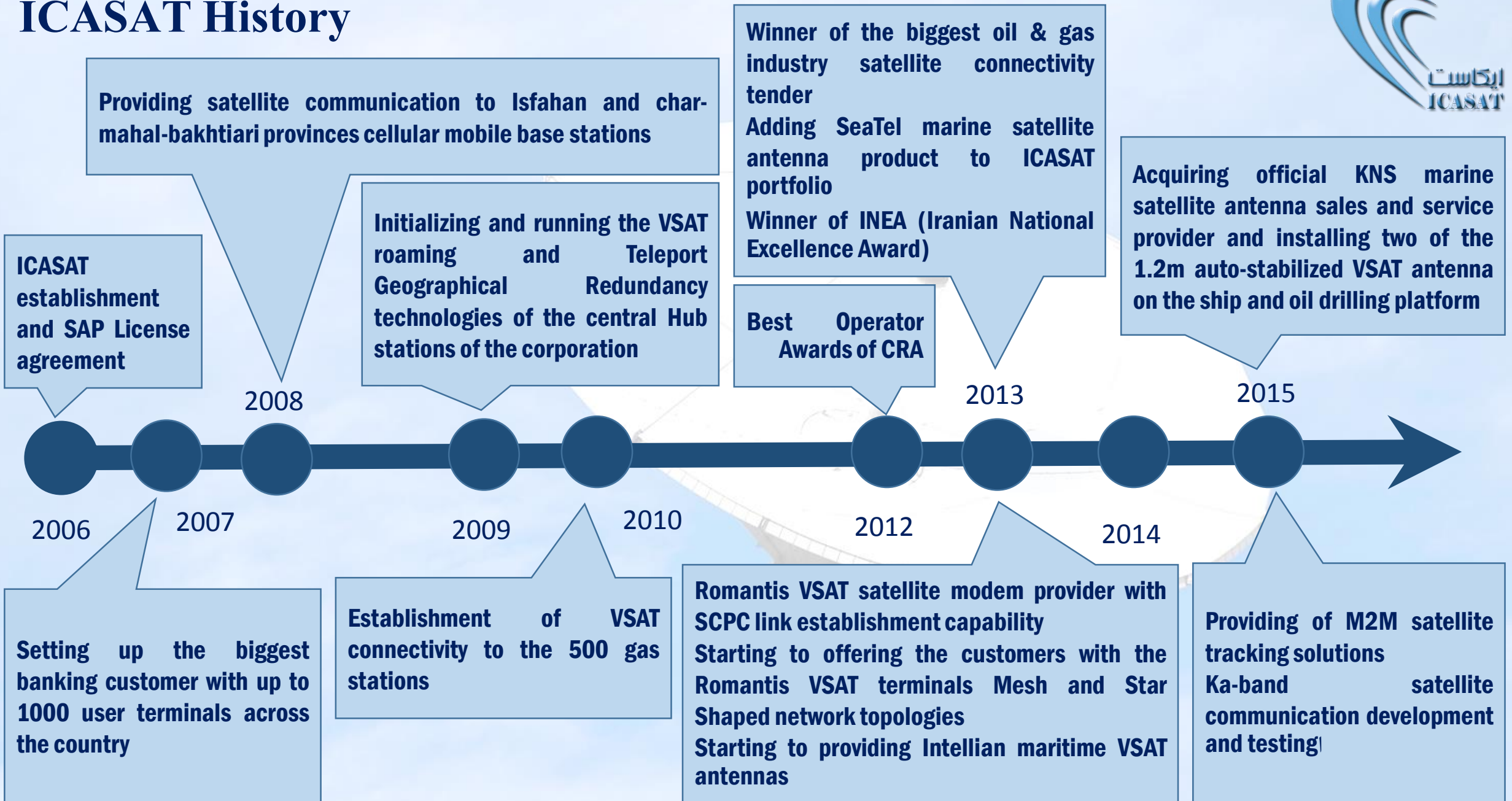
## **Corporate Values**

- **Adherence to national and international policies and standards**
- **Giving supreme customer value and orientation**
- **Consistent development with organizational excellence**



## ICASAT History

# ICASAT History



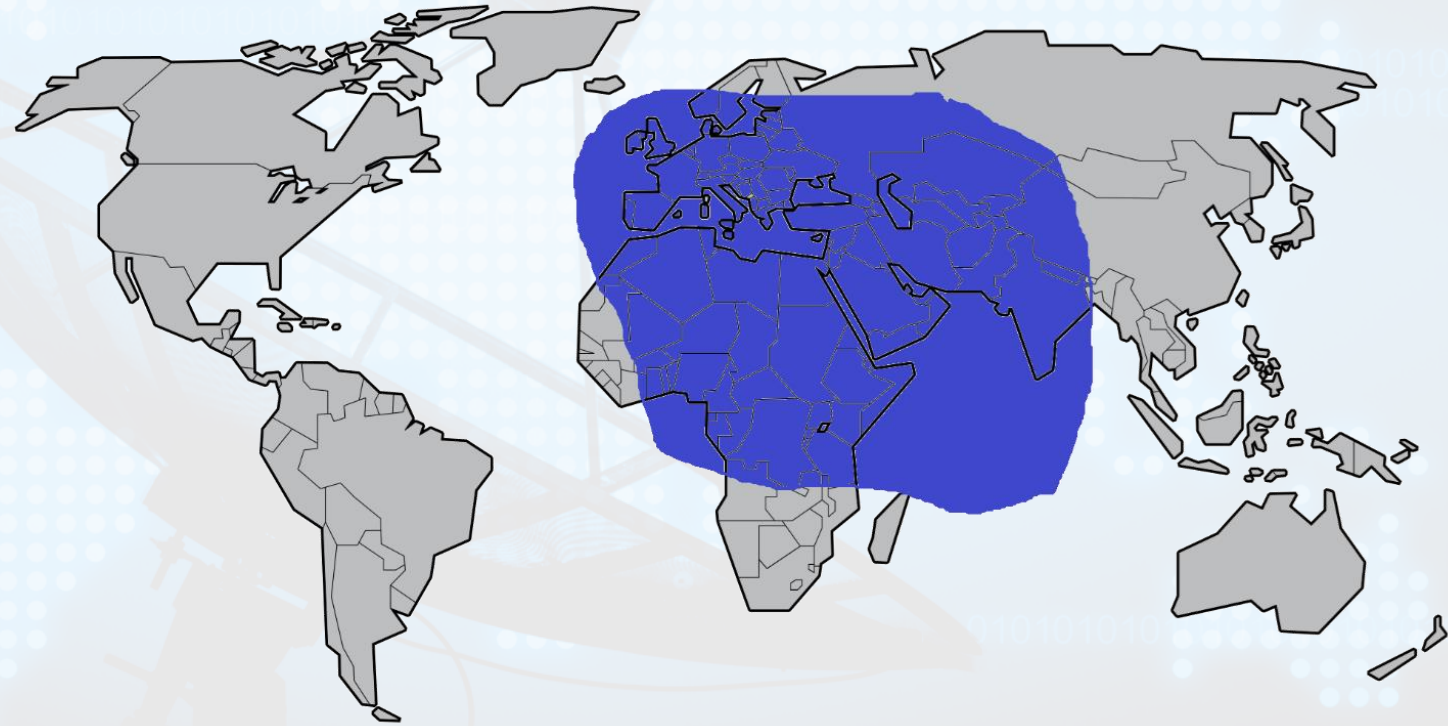


## ICASAT Satellite Coverage



# ICASAT Satellite Coverage

## C-Band

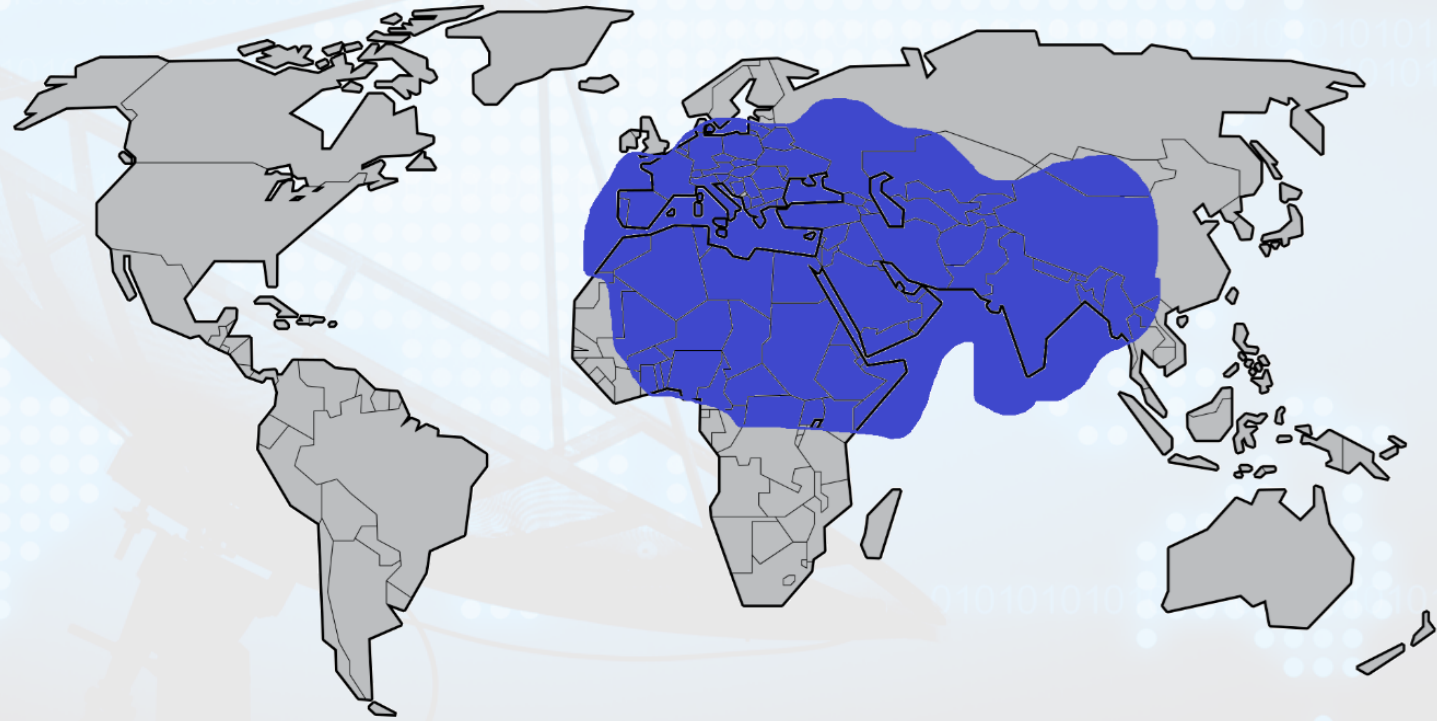




# ICASAT Satellite Coverage



## Ku-Band



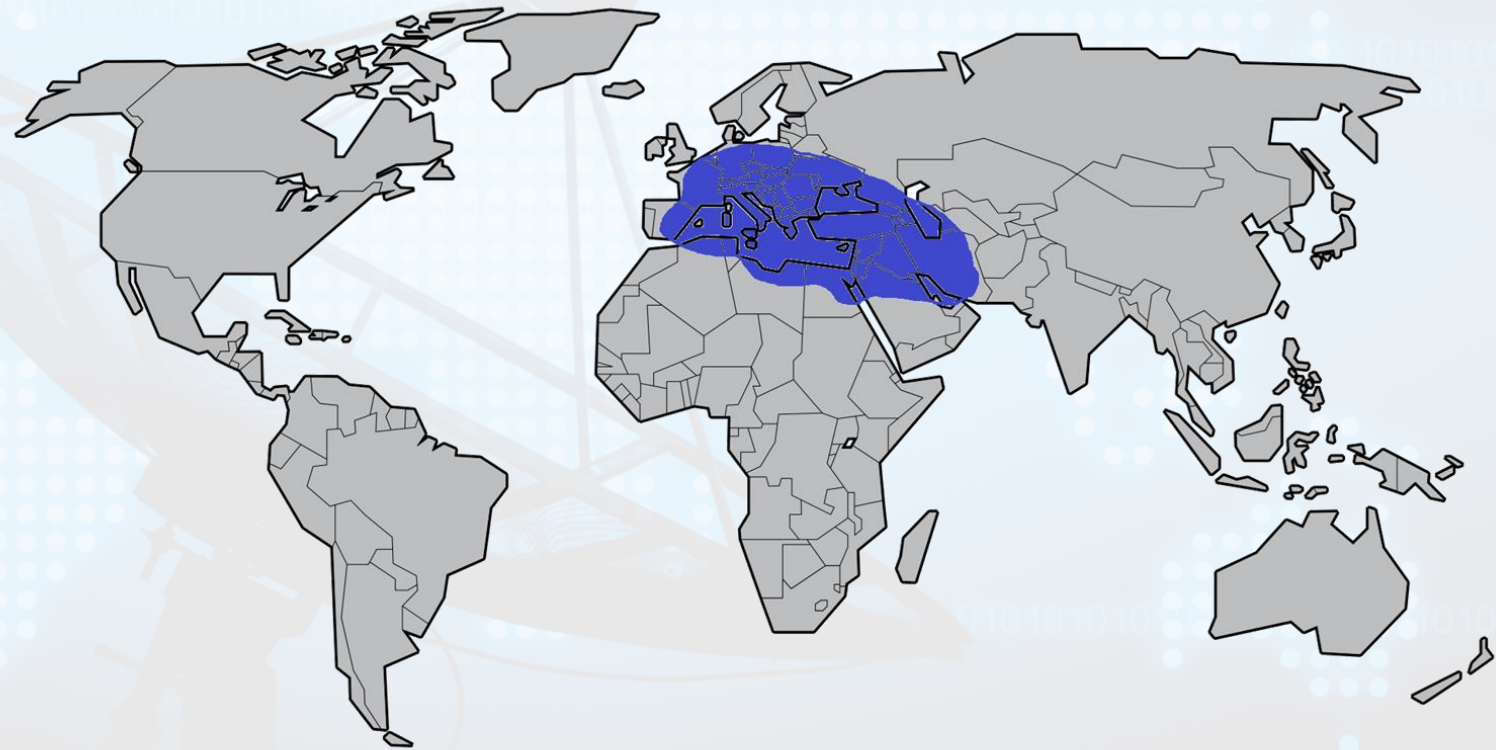




# ICASAT Satellite Coverage



## Ka-Band





**ICASAT Solutions**

## **ICASAT Solutions**

- **Providing comprehensive VSAT solutions and customized value-added services**
- **Efficient solutions to the various industrial markets**
- **Greater efficiency and lowering operational cost maintaining quality and speed**
- **Vertical market solutions such as oil & gas, energy & mining, banking, maritime, industries and plants and enterprise**
- **Up to 60 active customers**
- **Multiple engineering certifications such as IOM, Ad.IOM, iQoS, ITIL, PMP, CCNP, R&M, KNS**

# ICASAT Solutions

## ICASAT Vertical Market Solutions



Emergency



Telecomm  
Operators



Maritime



Banking



Oil & Gas



Energy &  
Mining



## ICASAT Satellite Communication Services

## **ICASAT Satellite Communication services**

- **Fixed and mobile VSAT communication services for different needs**
- **enterprise solutions deliver cost-effective broadband to widely dispersed, multi-site retail operations**
- **State-of-the-art VSAT telecommunication technologies enabling broadband and efficient connection**
- **Full support of star, point-to-point and mesh network topologies**
- **Sophisticated multiple-access schemes providing efficient and extended reliability**
- **TDM/TDMA, DVB-S2/ACM, SCPC, MCPC/SCPC, A-TDMA and many more**

# ICASAT Satellite Communication services



## Satellite Internet

Connecting to global internet network through satellite



## Private Networks

Enterprise grade intranet with wide coverage connectivity



## Marine

Connectivity  
Shipboard connectivity into deep overseas



## Auto-Deploy Antennas

Satellite communication on the pause



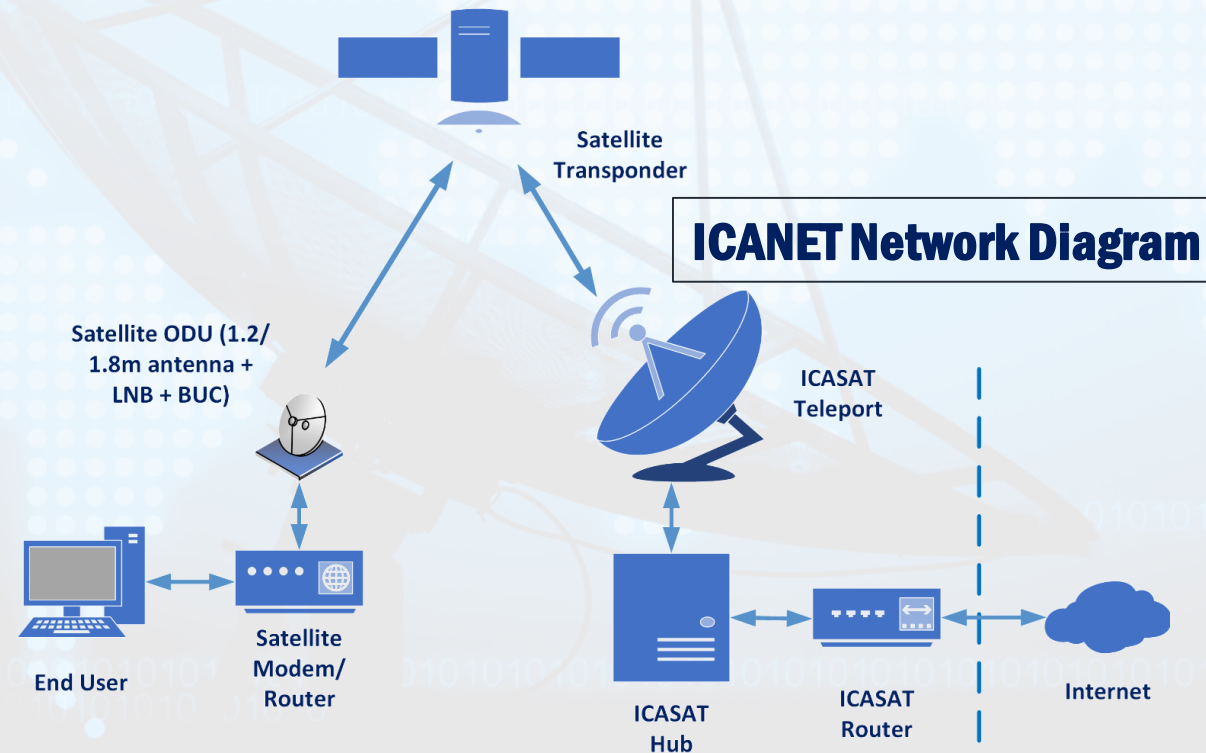
## Consulting, design, installation and supporting

Companionship with customers from start to completion of projects

# ICASAT Satellite Communication services

## Satellite Internet

- High performance DVB-S2/ACM link connectivity
- Using global leading VSAT equipment manufacturers such as iDirect, Romantis, newtec and Comtech





# ICASAT Satellite Communication services

## Satellite Internet

- **Two-way satellite internet connection with minimum of 64kbps speed and up to 4096kbps for downlink and up to 1024kbps for uplink**
- **1:2 to 1:20 bandwidth sharing ratio**
- **Full dedicated bandwidth by SCPC link option**
- **Full detail Service Level Agreement (SLA) and static IP allocation**
- **24x7 network monitoring and supporting**
- **%99.95 service connectivity availability**



# ICASAT Satellite Communication services

## Private Networks

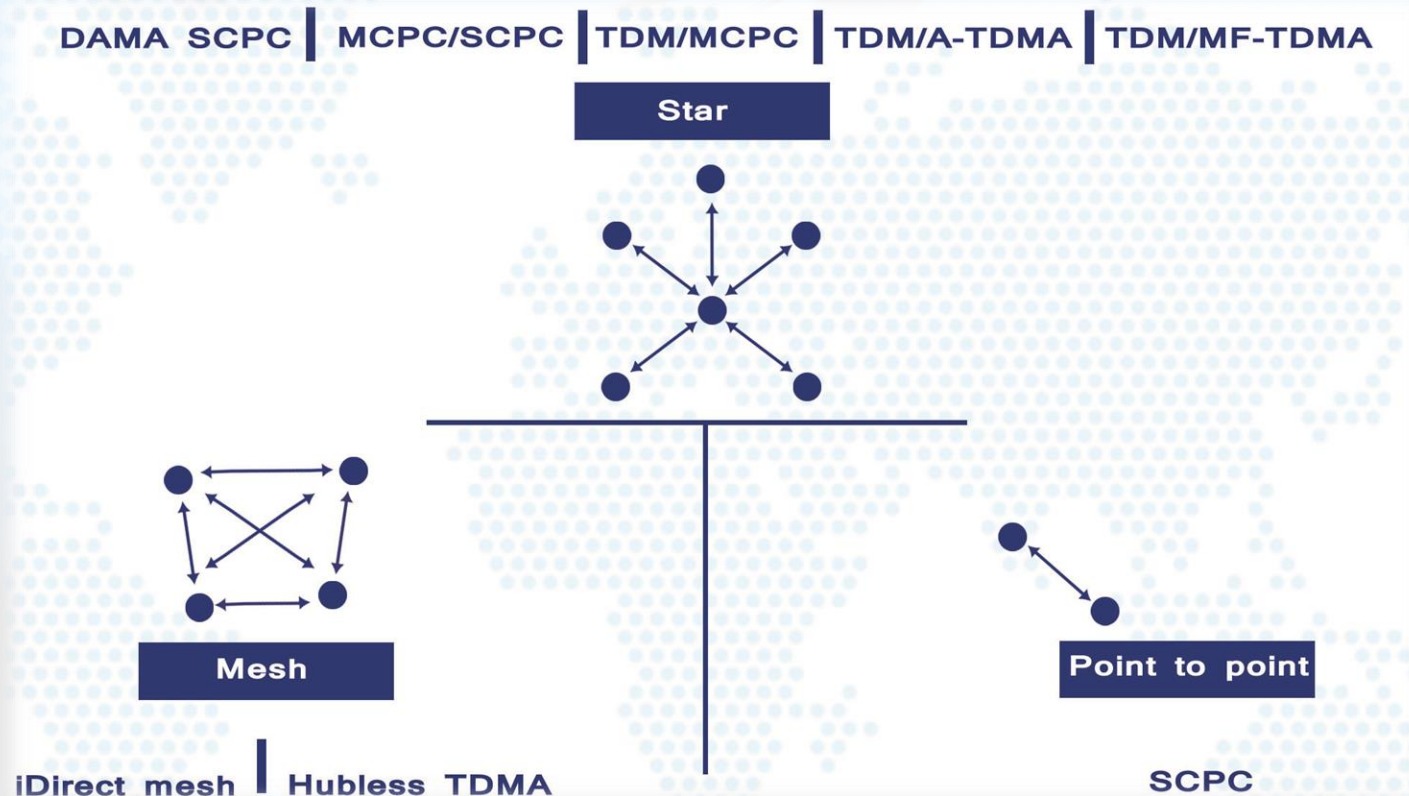
- **Designing and establishing of dedicated private networks with wide area and geographical diverse presence for government and private organizations**
- **various satellite connectivity private network establishment by ICASAT site**
- **High availability network design by full redundant ground equipments**



# ICASAT Satellite Communication services

## Private Networks


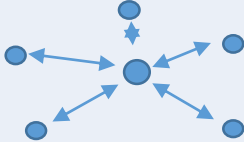
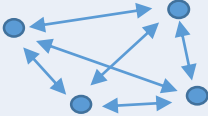
- Various network topology and multiple access technology design according to customer need



# ICASAT Satellite Communication services

## Private Networks

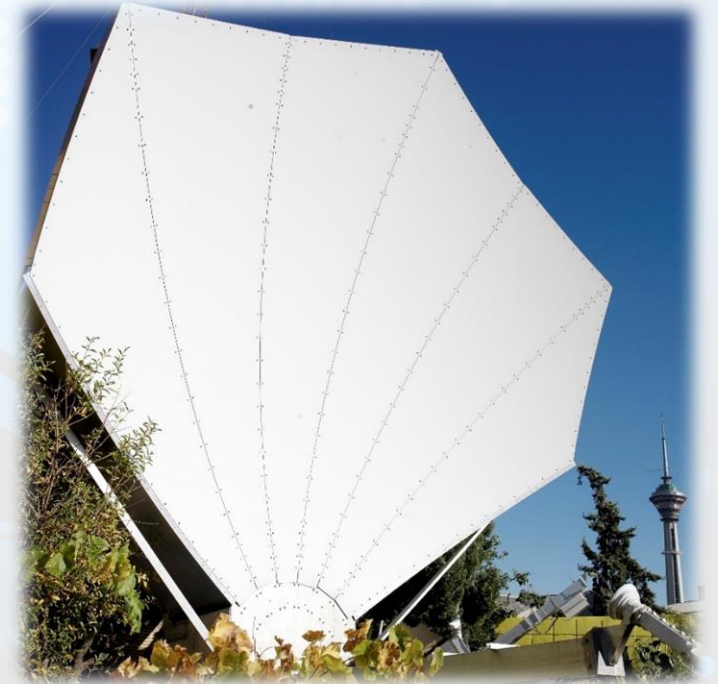
- **Network topologies specifications:**

specification	Point-to-point	star	mesh
			
<b>complexity</b>	low	middle	high
<b>Maximum number of users</b>	Very low	high	low
<b>Bandwidth usage</b>	high	low	high
<b>Availability of optimized multiple access schemes</b>	yes	yes	no
<b>Link delay</b>	low	high	low

# ICASAT Satellite Communication services

## Private Networks

- **How to implement and service the costumers:**
  - a. By the ICASAT central teleport station**
  - b. Separate customer owned and private hub station**
  - c. Virtual Network Operator (VNO)**



# ICASAT Satellite Communication services

## Private Networks

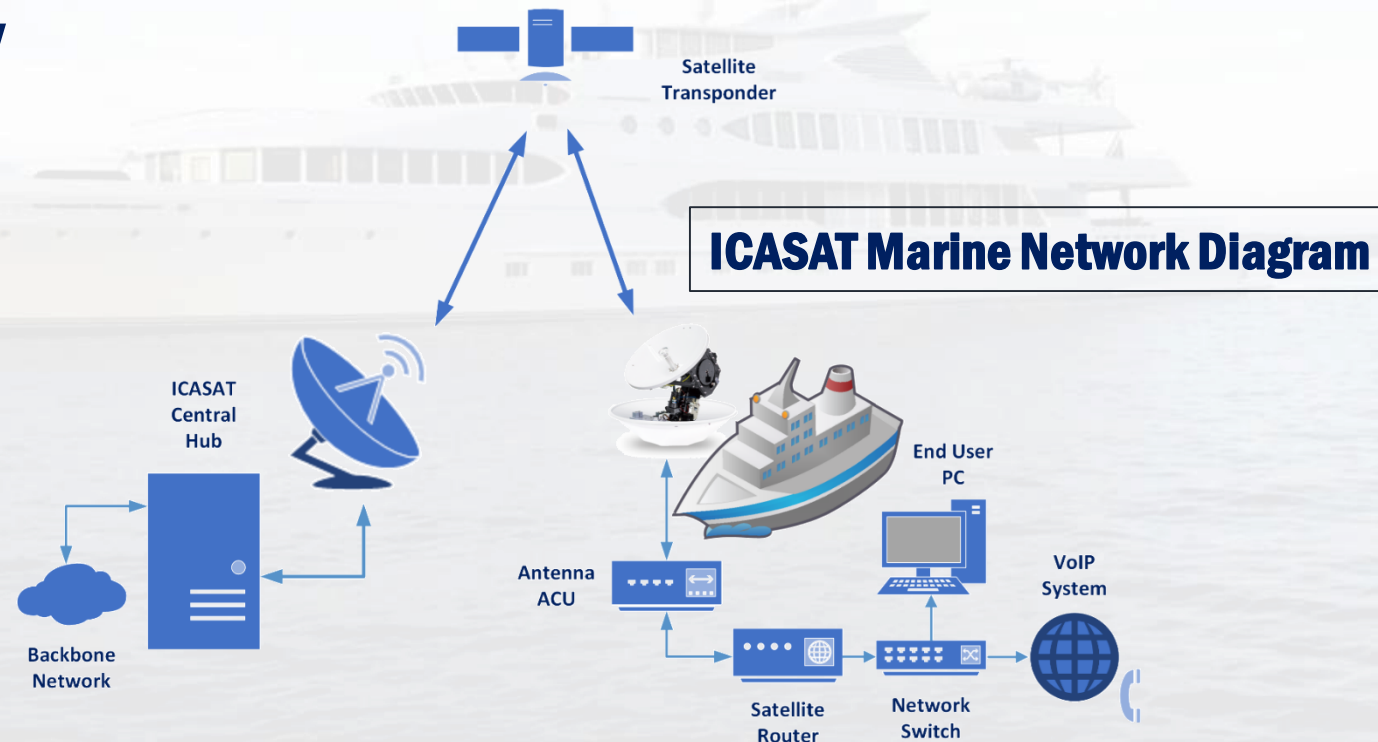
- **Vast value-added services on established network:**
  - **VoIP voice communications**
  - **Video-Conferencing**
  - **Internet/Intranet**
  - **Closed-Circuit Television (CCTV) camera**
  - **SCADA and M2M**
  - **And many more...**



# ICASAT Satellite Communication services

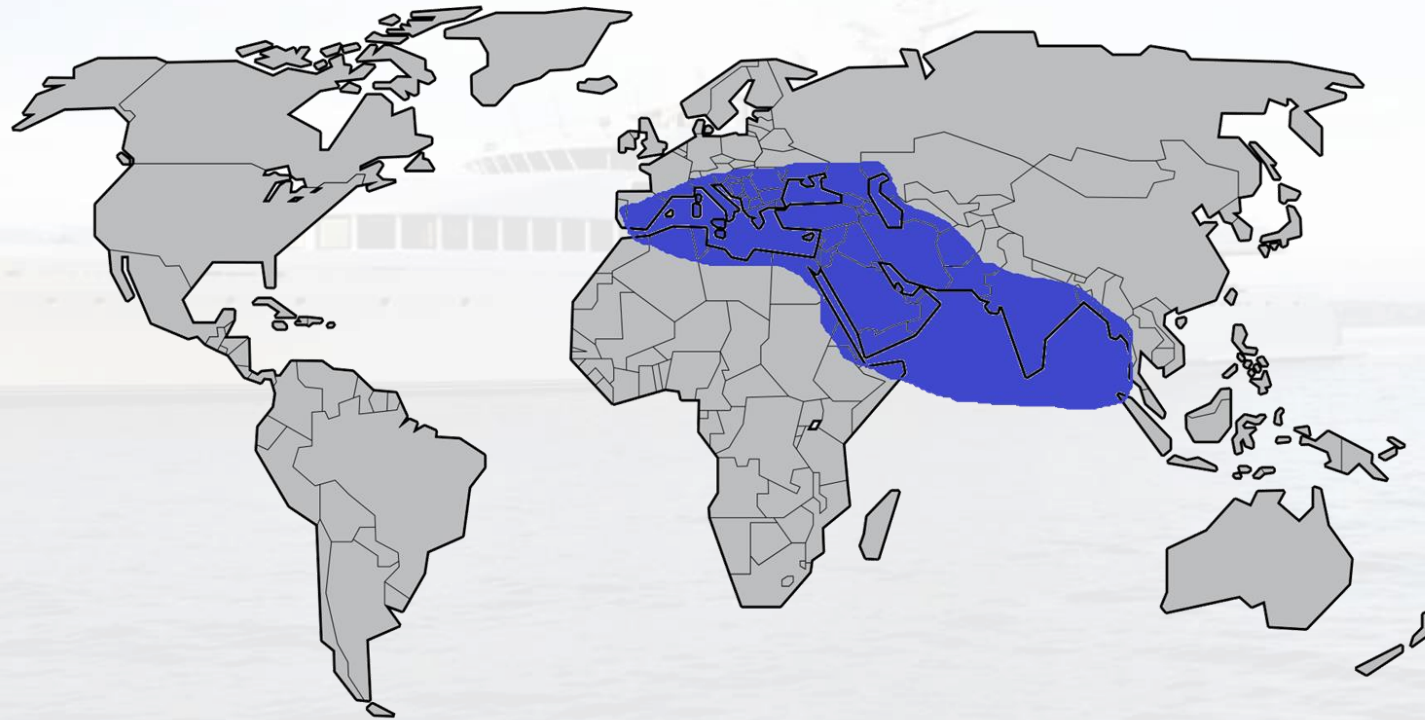
## Marine Connectivity

- The only solution for overseas connectivity
- Satellite-based communication with advanced and high performance network design and marine stabilized antenna technology



## **ICASAT Satellite Communication services Marine Connectivity**

- **Full Caspian and Persian gulf satellite coverage in the north and south**





## ICASAT Satellite Communication services Marine Connectivity

- Industrial and motorized globally known VSAT and TVRO auto stabilized antenna systems



# ICASAT Satellite Communication services

## Auto-Deploy Antenna

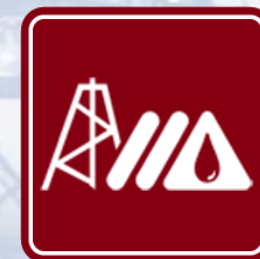
- On-the-pause connectivity
- Single push button, fully automatic deployment system
- Suitable for SNG and disaster relief vehicles



## **ICASAT Satellite Communication services Consulting, design, installation and supporting**

- **Satellite communication experts team**
- **Customer consulting for selecting the best solution**
- **Supplying, equipping, installing and maintaining of VSAT satellite communication equipments**
- **Network Operation Control (NOC) supporting in 24x7 basis**
- **Supporting centers in 30 province of Iran country**
- **Almost 40 trained satellite expert**

## Our customers





# Contact us

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