

THE MOST PORTABLE SATELLITE ANTENNAS IN THE WORLD

Introduction

TRASUL Consultancy Bureau is always keen to offer the best consultant, Solutions and Technology innovations to The National & International value clients all over the world , from this principal we alliance with best Telecom & IT Companies to achieve our vision and targets.

GATR Technologies the famous industry in the World that TRASUL Consultancy Bureau have been partnered & strong business relationship with GATR to provide & marketing its revolutionizing of the ultra-portable SATCOM industry with its inflatable communications terminal. Compared to other deployable rigid dishes of comparable size, GATR's unique shape and designs enable extreme portability, lower cost of ownership, reliability in extreme environments, and ease of set up.



Services & Solutions

Humanitarian Aid / Disaster Response:

The GATR satellite communication system is an invaluable tool for HA/DR organizations. GATR allows for the quick deployment of high-bandwidth communications in areas that communications infrastructure has been wiped out. Utilized for search/rescue operations, infrastructure repair efforts, and medical support, GATR's antenna systems can be used to access (via high-bandwidth satellite connection) databases, maps, personnel, and other critical data, as well as provide voice communications for disaster victims. GATR's lighter design and extreme portability allows HA/DR organizations to respond and establish infrastructure more quickly without huge transportation costs. In fact, the GATR can be taken on a commercial airplane, flown into an area on a small plane, or driven to a location in a small SUV.

The reasons why the GATR system works so well for HA/DR organizations include:

- **Extreme Portability**
Packs in as few as two cases (< 99 lbs) for a single-band 2.4 meter, versus 8+ cases for traditional rigid antennas – 50-80% less volume and weight than rigid satellite antennas
- **Lower Cost of Ownership**
Drastically reduces shipping and satellite access costs
- **Reliability in Extreme Environments**
Stable in high winds, performs well in extreme heat and cold
- **Ease of Set Up**
Can be set up and on satellite in 30 minutes

Oil & Gas :

Satellite communications are key to the oil and gas industry. In many situations, locations do not include paved roads or easily accessible terrain. GATR's ultra-portable system can be easily transported to areas where traditional “deployable” rigid large aperture antennas simply cannot be transported. GATR can help!

Benefits the GATR antenna system offers for the oil and gas industry include:

- **Extreme Portability**
Packs in as few as two cases (< 99 lbs) for a single-band 2.4 meter, versus 8+ cases for traditional rigid antennas – 50-80% less volume and weight than rigid satellite antennas
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- **Reliability in Extreme Environments**
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Broadcast:

For broadcast media, GATR systems are ideal for on-location live shoots or when you need to pass large amounts of data/video via satellite back to the studio. In addition, the GATR is ideal for broadcast media reporting from international locations, including remote areas and areas that traditionally required bulky C-band rigid satellites.

The GATR antenna system is less costly to transport and takes up less space in transport, allowing room for other necessary equipment. You can even fly commercial with the GATR antenna.

The GATR offers the following benefits for the Broadcast industry:

- **Extreme Portability**
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Military:

The GATR antenna system has become the Warfighter's choice. The GATR antenna systems are designed for ground use, particularly useful in military situations in remote areas, quick deploys, or in harsh weather conditions. GATR excels in deployments and situations where the movement and installation of 2+ meter class standard deployable rigid satellite antennas is challenging. The patented design combines the transmission power advantages of a large antenna with the low weight and portability of a small aperture antenna.

The major benefits that the GATR antenna systems offer for military use are:

- **Extreme Portability**
The GATR 2.4 meter antenna packs in as few as two cases (< 99 lbs) for a single-band, versus 8+ cases for traditional rigid antennas – 50-80% less volume and weight than rigid satellite antennas



- **Lower Cost of Ownership**
Drastically reduces shipping and satellite access costs
- **Reliability in Extreme Environments**
Stable in high winds, performs well in extreme heat and cold
- **Ease of Set Up**
Can be set up and on satellite in 30 minutes

The GATR is currently used by U.S. and foreign military, intelligence, and homeland security, as well as commercial and non-governmental organizations at Ku-, C-, and X-band.

Homeland Security :

The ability to easily transport and deploy the GATR antenna system makes it perfect for contingency planning and emergency situations. The smaller volume and weight of the GATR system as compared to similar rigid deployable satellite dishes allow it to be carried to roof tops via passenger elevators rather than by crane. Its smaller transport size also makes it perfect for more discrete deployments and for situations in remote areas.

The GATR antenna system offers the following major benefits for Homeland Security organizations:

- **Ease of Setup**
The system can be setup and on satellite in less than 30 minutes. Its smaller transport size also makes it easier to deploy to other areas faster than comparable rigid deployable satellite dishes.
- **Easier Transport for Rooftop Applications**
Unlike large rigid dishes, the GATR system can be taken up to a building rooftop via a passenger elevator. The system is also packed in fewer cases than comparable rigid dishes, requiring less people to carry the system if having to use stairs to access the roof.
- **Smaller Transport Size for Discrete Missions**
The smaller transport size of the system allows organizations to use the systems in more discrete missions.



Products





**2.4 METER
ANTENNA SYSTEM**

**1.8 METER
ANTENNA SYSTEM**

**1.2 METER
ANTENNA SYSTEM**

GATR is revolutionizing the ultra-portable SATCOM industry with its inflatable stand-alone communications terminal. Compared to other deployable rigid dishes of comparable size, GATR's unique shape and designs enable...

EXTREME PORTABILITY – Packs in as few as two cases (< 99 lbs) for a single-band 2.4 meter, versus 8+ cases for traditional rigid antennas – 50-80% less volume and weight than rigid satellite antennas

LOWER COST OF OWNERSHIP – Drastically reduces shipping and satellite access costs

RELIABILITY IN EXTREME ENVIRONMENTS – Stable in high winds, and performs well in extreme heat and cold

EASE OF SET UP – Can be set up and on satellite in 30 minutes

Technologies Helps

GATR Technologies has supported and/or participated in emergency relief efforts over the years by supplying equipment, satellite time, and employees. It began in 2005 with Hurricane Katrina, when GATR President Paul Gierow took the first GATR antenna to Mississippi and established the only communication in the county by connecting a computer lab to the GATR. Everyone from disaster victims, newscasters, FEMA workers, and other emergency workers utilized this connection. Since then, GATR has supported other relief efforts, including Hurricane Ike, the Haiti earthquake, wild fires in Southern California, and search rescue operations. GATR has also participated in several emergency and recovery exercises over the years.

