



yahsat الياه سات
smart satellite solutions

pioneering **new frontiers**



for a **connected world**



welcome

to a more connected world



Al Yah Satellite Communications Company (Yahsat) is a private joint stock company fully owned by Mubadala, the investment arm of the Government of Abu Dhabi, the capital of the United Arab Emirates. Mubadala's commercial strategy is fundamentally built on long-term, capital-intensive investments that deliver strong financial returns.

Welcome to a more connected world.

Since being incorporated in 2007, we have implemented extensive research and interaction with customers to design the region's first multi-purpose satellite system consisting of two satellites and related ground infrastructure.

Our first-hand understanding of the specific market requirements in the region has enabled us to develop customised satellite solutions for the government as well as the commercial sector in the Middle East, Africa, Europe, and South West Asia.

partnering with world leading experts

We have chosen world-class players EADS Astrium, Thales and Alenia Space to develop a fully integrated satellite system. We have also partnered with Arianespace and International Launch Services to launch our first two satellites.

our vision

To be the leading satellite communications operator in the region, through our optimum user solutions and partnership approach.

reaching **wide** with Yahsat



From telecom operators to humanitarian organisations. Multi-location corporations to construction companies. From oil and gas enterprises to government agencies. Across all these industries and more, through Yahsat's tri-band network your customers' performance will be optimised with cutting edge, cost-efficient communication solutions.

market oriented applications

Yahsat will be present in all the key satellite communication markets thanks to its multi-purpose satellites.

keep connections online

Internet service providers and customers will no longer have to face downtime associated with terrestrial lines. With us, Internet services will be up and running throughout our coverage area, all the time.

seamless information flow

Virtual Private Networks will connect multiple locations easily through Yahsat, making information flow seamlessly and reliably for business enterprises and government agencies.

expand network reach

No location is "out of range" for mobile phone networks within our satellite's broad footprint over Africa and the Middle East. Yahsat will offer cost-effective connectivity options for telecom operators.

come to the rescue

In times of crisis or natural disasters, we can provide an uninterrupted flow of critical information and communication. Our satellite services will facilitate humanitarian efforts by keeping rescue workers and project offices connected at all times.

see the future

Broadcasters will now be able to offer high-definition TV to viewers with YahLive's smart solutions and unique beam connectivity to extend reach and eliminate audience waste.

tailor-made solutions

With YahService, we will design, acquire and implement the most effective combination of satellite communications solutions throughout Yahsat's coverage area and beyond.

taking our services
to a **higher** level



YahClick[★]



YahClick is a breakthrough satellite broadband service for users in the Middle East, Africa and South West Asia. With YahClick, you will be able to offer your customers anywhere in the coverage area uninterrupted high-speed internet from the moment we go live with the launch of our Y1B satellite.

With its state-of-the-art Ka-band multi spot-beam technology, Y1B will deliver a truly cost-effective broadband service. We will support our service partners with technical, operational and marketing assistance to bring high speed internet to users, including those currently with limited or no access to internet. YahClick services will be bundled with an affordable user terminal which comes with a small antenna.

applications

- Internet Via Satellite for Home & Enterprise Users
- Distance Learning
- Telemedicine
- Internet Cafés
- Voice over IP
- IP-based Corporate & Government Applications
- Satellite News Gathering

Note: All the coverage maps are for illustrative purposes only

•YahClick •YahLive •YahSecure •YahLink •YahService

YahLive*

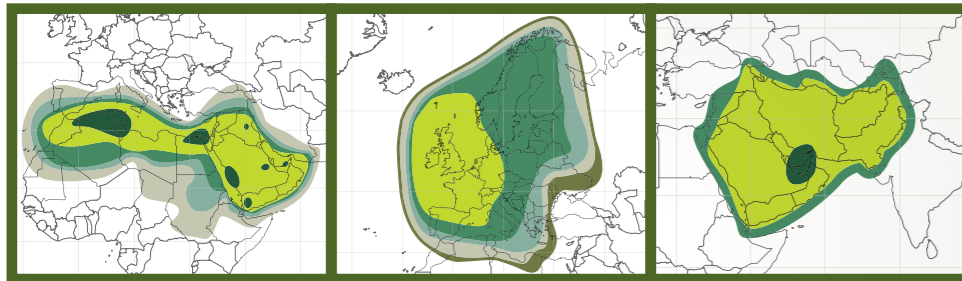


YahLive is offered through a partnership with leading European DTH satellite operator SES ASTRA. YahLive will offer Ku-band capacity for broadcasting and a breadth of new television and technology options for viewers.

applications

- Broadcasting Services
- News Distribution
- Satellite News Gathering
- Contribution Feeds

Legend	Power	Antenna Size (cm)
	51 dBW	50
	> 50 dBW	50 - 75
	48 dBW	60 - 90
	46 dBW	90 - 120
	44 dBW	120
	42 dBW	>120



YahSecure*



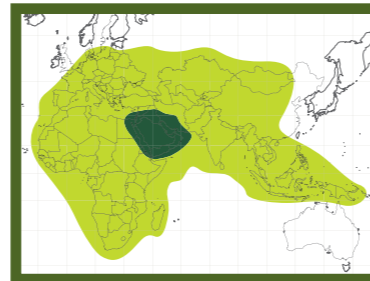
YahSecure is a reliable and secure connectivity service for military, government agencies and mission-critical commercial applications in the region.

Critical and confidential information requires breach-proof encryption services and robust security and Yahsat is the first satellite operator in the region to provide this highly secure satellite service on Ka-band. With coverage over Europe, Asia, Africa, and the Middle East through one global beam and a dedicated regional beam, YahSecure will offer a complete range of satellite services for applications such as military communication networks, government networks, video broadcast, and aviation services.

applications

- Mobile & Transportable communications
- Aviation Services
- Tactical Solutions
- Disaster Recovery
- Border Control

Legend	Coverage
	Regional Beam
	Global Beam



YahLink*



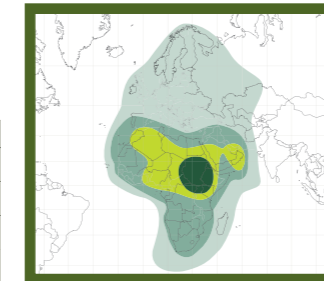
YahLink is a satellite connectivity service offering high-power C-band coverage over the Middle East, Africa and Europe with a single beam. YahLink will provide cost-effective coverage for Telecom operators, Government Agencies & Business Enterprises.

Our satellite coverage will extend further than terrestrial networks. YahLink can connect from your operational location to other IP networks more effectively via satellite through a single hop. Yahsat is also committed to playing a key role in connecting cellular operators in the most remote areas.

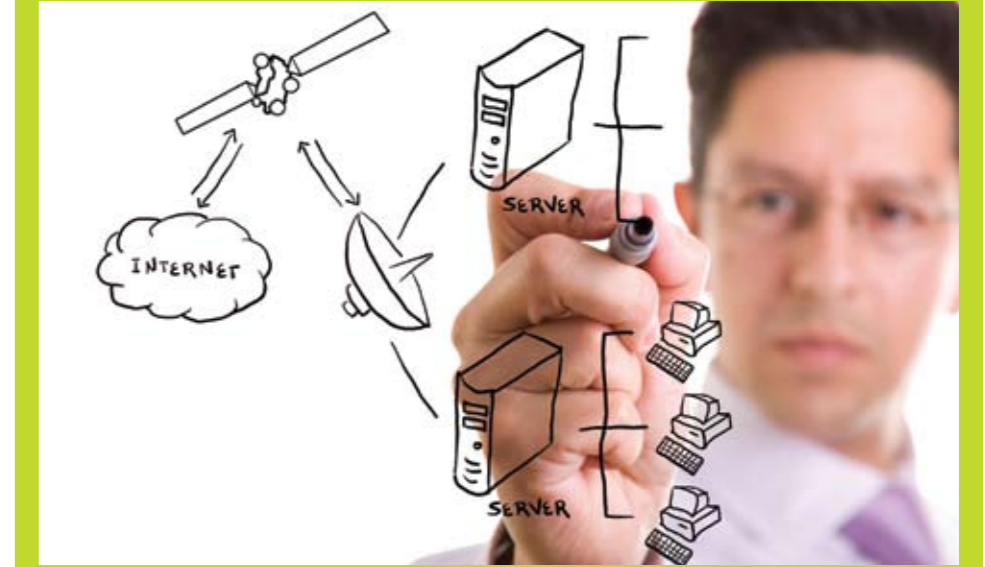
applications

- Multicast VSAT Services
- National & Multi-National Networks
- Internet Trunking
- Cellular Backhauling

Legend	Power
	> 43 dBW
	> 42 dBW
	> 40 dBW
	> 37 dBW



YahService*



YahService offers a range of managed services and value added solutions to a wide range of clients in military, government and enterprise sectors.

YahService will focus on providing integrated satellite communication solutions to its customers by pulling together all of Yahsat's product capabilities, monitoring and acquiring the latest satellite technologies, and working with the right partners to deliver a complete solution, throughout Yahsat's coverage area and beyond.

applications

- Government Networks
- Mission Critical Applications
- Border Control
- Disaster Recovery
- Backup for Key Data Networks

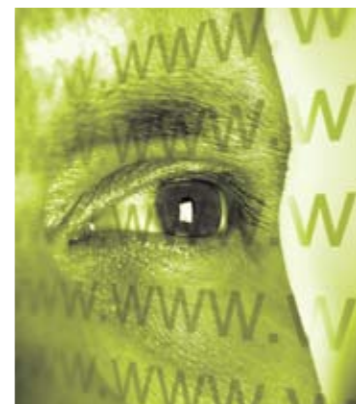


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going further with the Yahsat advantage



partnership



insight



innovation

Yahsat will empower you to do more, rise above and shine brighter in more ways than one. With breakthrough communication innovations and state-of-the-art technology that offer greater coverage at lower cost. The result is higher profitability and greater efficiency for your business. It's the Yahsat advantage. And it's designed to keep you and your customers in touch and ahead.



reliability



coverage



our satellites

Y1A

- **System Supply Contractor:**
EADS Astrium & Thales Alenia
- **Orbital Location:** 52.5° East
- **Lifetime:** 15 years
- **Capacity:**
C-band: 8 of 36-MHz transponders
and 6 of 54-MHz Transponders
ku BSS: 25 of 33-MHz transponders
ka-band: Government payload
- **Payload Power:** 11.6kW

Y1B

- **System Supply Contractor:**
EADS Astrium & Thales Alenia
- **Lifetime:** 15 years
- **Capacity:**
ka-band: Government payload
ka-band Commercial: 60 spot-beams
- **Payload Power:** 9.7kW

