



# Wavestream at a Glance

## Market Leadership

Wavestream is a leading global provider of products and services for satellite-based broadband communications, with products shipped to more than 90 countries on six continents. Its R&D centers worldwide give Wavestream the edge in developing and marketing a wide range of high performance, HTS satellite ground segment equipment, VSATs, BUCs, antennas and terminals.

Customers of Wavestream's solutions and product offerings benefit from:

- High credibility and experience
- Local presence and partnerships
- Focus on technology and system integration
- Flexibility and customization
- Broad offering and strong ability to deliver turnkey solutions in emerging markets

## Business Lines

Wavestream operates three lines of business: Commercial, Mobility and Managed Services.

### Commercial

Wavestream has provided tens of thousands of enterprises, service providers and operators with efficient and reliable satellite-based connectivity solutions, including cellular backhaul, cellular network expansion, banking, retail, e-government, oil and gas, digital satellite news gathering, rural communication and more.

These networks are based on Wavestream's field-proven VSAT platforms, antennas, modems, and managed services.

### Mobility

Wavestream develops and markets mobile SOTM (Satellite-on-the-Move) solutions providing low-profile antennas, next-generation solid-state power amplifiers and modems for passenger connectivity and government agencies.

Wavestream enables leading transportation, public security and emergency response organizations to implement advanced, on-the-move tactical communications on board

their land, air and sea fleets using Wavestream's high-performance solutions. These solutions include field-proven, net-centric broadband networks, transportable terminals, lightweight manpacks and integrated UAV terminals.

### Managed Services

SkyEdge II-c includes an advanced Total Network Management System, enabling full configuration, control and monitoring of all hub elements and remote terminals, regardless of their physical location. Designed for service-oriented management, TotalNMS provides simple configuration, enhanced monitoring, and a comprehensive electronic machine-to-machine interface to facilitate seamless integration with the operator's OSS/BSS environment.

## Innovative Product Portfolio

### **SkyEdge II** Market-leading VSATs

The SkyEdge family of multi-service VSATs and HTS-enabled network platform enable the delivery of high-quality voice, broadband data and video services. Our diverse portfolio of VSATs offers service providers the most suitable product for their application needs as well as the flexibility to evolve their networks.

Wavestream's high-performance, self-installable SkyEdge II-c solution simplifies operation of multi-spot beam Ka/Ku satellite networks. Shipped in a compact chassis, SkyEdge II-c provides all operator services – Consumer, Enterprise, IP Trunking, Mobility, Backhaul – from a single VSAT platform.

Wavestream also provides value-added solutions for specific markets and industries, integrating the open SkyEdge systems with other technologies and applications. For example, CellEdge, our integrated small cell over satellite solution, combines our VSAT know-how with small cell technology to provide a cost-effective solution for cellular network expansion.

**WAVESTREAM High Power Amplifiers**

The Wavestream family of next generation solid-state power amplifiers and BUCs, power mission-critical satellite communications systems for a variety of military, defense and broadcast satellite communications applications.

Wavestream products are based on a patented Spatial advantEdge™ technology which provides efficient, high power output in smaller, lighter product packages suitable for fixed and flyaway antenna systems. Each product is designed and tested over a range of frequency and temperature, and has a field-proven track record for performance and reliability in some of the most extreme environments.

**RaySat On-the-Move Antenna Systems**

RaySat advanced and field proven low-profile antenna systems support satellite-on-the-move communication for defense, homeland security, emergency response, search

and rescue missions and digital news service. Compact, aerodynamic and vehicle-mounted, RaySat discreet mobile antennas provide always-on two-way broadband delivering mission-critical data, voice and video for secure, real-time information flow. The RaySat family of antennas also includes one-way antennas enable live mobile satellite TV in a variety of vehicles including trains, buses and luxury vans.

**World-Class Support and Service**

With sales and service offices worldwide, Wavestream's strong global footprint facilitates rapid network deployments. Advanced network operation centers monitor customer networks to provide constant connectivity. Local support offices and centralized supply facilities ensure prompt, reliable customer training, maintenance and support - anywhere, anytime.

**Sample list of Wavestream's extensive and diverse customer base:**

Angola Telecom	Dollar General, USA	L3, USA	Russian Electric Facility, FSK
Astel, Kazakhstan	Elektra, Mexico	Ministry of Education, Russia	Russian Post
AT&T, USA	Embratel, Brazil	NBN, Australia	SES SBBS, Europe
Bharti, India	ethio telecom, Ethiopia	O3b, Worldwide	Sibirtelecom, Russia
BT, Brazil	Gateway Communications, Belgium	Optus, Australia	Singalhorn, Europe
China Unicom	Globalsat, Mexico	Orange Business Services, France	Star One, Brazil
Comsat, Brazil	HCL Comnet, India	Petrobras, Brazil	Tatanet, India
Cotas, Bolivia	Hispasat, Spain	Portugal Telecom	Telecom, Namibia
DCC, Nigeria	KazakhTelecom	RTCOMM, Russia	Telefonica, LATAM



SkyEdge II VSAT Terminals



SkyEdge II-c Capricorn



CellEdge



Wavestream BUCs



SkyEdge II-c Hub



Integrated UAV System

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