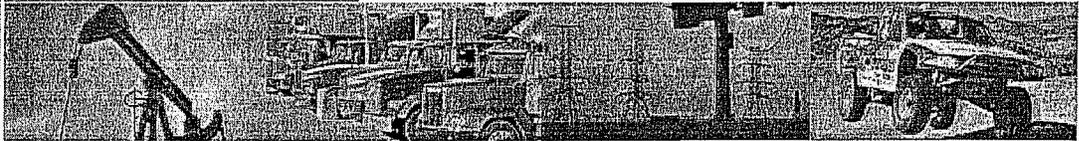




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COMPANY FACT SHEET

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CORPORATE OVERVIEW

Mobile Satellite Ventures:

- MSV is currently authorized to use approximately 28 MHz of coordinated North American spectrum in a terrestrial wireless network with an integrated satellite overlay to provide ubiquitous and enhanced services
- MSV is working with leading technology vendors to develop this powerful next generation hybrid wireless network that will provide ubiquitous high bandwidth coverage in every market of North America
- This network will utilize a powerful satellite constellation working in unison with MSV's patented ancillary terrestrial component (ATC) technology to deliver seamless wireless services to its end-users over standard wireless devices
- MSV holds the first FCC authorization to enhance its satellite system with an ATC network
- Currently, MSV is North America's premier provider of mobile satellite communications services, offering a wide choice of wireless data, voice, fax and dispatch radio services via its two existing satellites
- MSV is cash generative under its existing business

CURRENT INVESTORS

Motient Corporation (OTC: MNCP.PK)
SkyTerra Communications (OTC BB: SKYT.OB)
TMI Communications (a subsidiary of BCE Inc.)
Columbia Capital

MSV NETWORK

The MSV Network infrastructure is made up of the following major components:

Current:

- 2 satellites: The MSAT-1 and MSAT-2 (currently licensed in Canada)
- A 24/7 Network Operations Center (NOC)
- MSV has 99.9% network availability, reflecting its quality systems, proprietary software, and staff

Next Generation Network Plan:

- MSV plans to launch a three-satellite configuration: MSV-1 (U.S.), MSV-2 (Canada) and MSV-SA (South America)
- Most powerful commercial satellites ever deployed, enabling multi spot-beam frequency re-use and communication with standard cellular handset when out of terrestrial coverage

SERVICE

Coverage and Markets:

- MSV provides superior capacity and reliability for customers across North America, northern South America, Central America, the Caribbean, Hawaii and in coastal waters
- Serves the following markets: Public Safety/Homeland Security, Emergency Response, Military, Coast Guard, Police, Trucking, Rail, Oil and Gas, Marine, Natural Resources, Utilities

STRATEGIC PLAN

- Select premier satellite system suppliers to embark on new phase of next generation ubiquity
- Potential partners: In advanced discussions with mass-scale telecom and media players seeking to deploy advanced wireless technologies, existing network operators, technology players
- Exploration of further international expansion

PATENT PORTFOLIO

MSV has the most dominant ATC patent portfolio in the world:

- Earliest (1991)
- Deepest (4,000+ claims)
- Broadest (all system components)
- Worldwide (U.S., Mexico, Canada, Europe, Australia and others)

COVERAGE AREA

MSV provides wireless communications on land, sea, or in the air across North and Central America, northern South America, the Caribbean, Hawaii and coastal waters.

MANAGEMENT TEAM

Gary Parsons	Chairman
Alexander Good	Vice Chairman and Chief Executive Officer
Mark W. Faris	Chief Operating Officer
Carson Agnew	Executive Vice President, Satellite Operations & Development
Eric Swank	SVP, Chief Financial Officer and Treasurer
Monish Kundra	SVP, Corporate Development
Randy Segal	SVP, General Counsel
Peter Karabinis	SVP, Chief Technical Officer
Jennifer Manner	VP, Regulatory Affairs
Santanu Dutta	VP, Systems Engineering
Ali Asghar	VP, Corporate Development

CONTACT INFORMATION

Brunswick Group (New York, NY)

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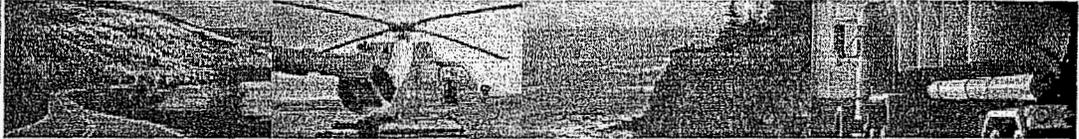
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SPACE SEGMENT

The space segment is composed of the MSAT-1 and MSAT-2 satellites. These geostationary satellites are in orbit 36,000 kilometers (approx. 22, 400 miles) above the earth matching the earth's rotation, thus maintaining fixed positions over North America.

The MSAT satellites operate in a similar manner to a cellular microwave repeater, but have a much greater range. Using the MSAT spot beam technology, MSV offers superior coverage and capacity. This technology turns all of North and Central America, northern South America, the Caribbean, Hawaii, and coastal waters into a single, digital communications cell. As a result, MSV can deliver to users in its coverage area advanced and affordable wireless communications from anywhere to anywhere, on land, at sea, or in the air.

The satellite's on-board telecommunications payload is capable of handling thousands of simultaneous secure and reliable voice calls and data transmissions. The MSAT satellites bring the benefits of telecommunications and information to areas without access to conventional land-based telecom networks and make it ideally suited to the unique needs of the transportation, utility, oil & gas, government, maritime, and resource industries.

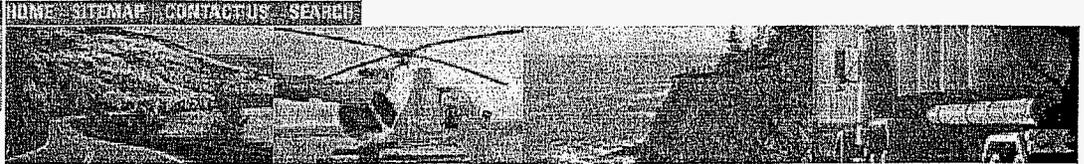
Technical Data

The MSAT Satellites were constructed by SPAR Aerospace Limited of Mississauga, Ontario and Hughes Space and Communications Co. of Los Angeles. Each satellite's specifications are as follows:

Size	At launch: 2.5 meters x 3.5 meters x 7.9 meters
	With reflectors and solar arrays deployed: 16.25 meters x 21 meters
Mass	At launch: 2850 kilograms
	(Beginning of life): 1720 kilograms
	Dry mass: 1330 kilograms
Primary Power	3.3 kilowatts of electrical power generated by two 3-panel solar arrays
	25-cell nickel-hydrogen battery
Propulsion system	Bipropellant with integral 110 lbf apogee motor and 12 x 5-lbf thrusters
Design life	10 years
Frequency Bands	Satellite Transmit (downlink): Service band: 1530-1559 MHz Feederlink: 10.75-10.95 GHz
	Satellite Receive (uplink): Service band: 1631.5 - 1660.5 MHz Feederlink: 13.0 - 13.15, 13.2 - 13.25 GHz

L-band Antenna	Two 5.7 x 4.7 meter mesh reflectors
Transponders	Two Ku-band to L-band forward link repeaters One L-band to Ku-band return link repeater
Power Output	L-band: 600 watts provided by 16 solid-state power amplifiers (SSPA's) Ku-band: 110 watts L-band aggregate effective isotropic radiated power (EIRP): 57.3 dBW at edge of coverage
Launch Services	Arianespace for MSAT-1 Panamsat for MSAT-2
Satellite Operation and Maintenance	Telesat Canada

[Click here for more in-depth technical information.](#)



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GROUND SEGMENT

Mobile Satellite Ventures' MSAT-1 and MSAT-2 satellites are the heart of the MSV network, but the ground segment, commonly referred to as the Communication Ground Segment (CGS) is its nervous system, providing the links to terrestrial public and private phone and data networks.

One CGS is located in Ottawa, Canada and interacts with MSAT-1 and MSAT-2, while the other CGS is located in Reston, Virginia, USA and interacts with MSAT-2.

Phone calls and data transmissions from MSV subscribers are relayed by the satellite to MSV's Communications Ground Segments (CGSs) which house the Network Operations and Network Control Center.

Supplied to MSV by Westinghouse Electronic Systems Group, the CGSs are the nerve centers of the MSV Network. They process all calls providing full connectivity to public and private phone and data networks, linking subscribers to anyone, anywhere in the world.

Voice calls and data transmissions from users are relayed directly from MSV mobile terminals via L-Band to the satellite, then down to a CGS via Ku-Band. Each CGS consists of:

- an 11-meter satellite dish
- the Feederlink Earth Station, which provides connectivity to the public switched telephone networks (PSTN)
- customer owned equipment for private-network customers

The CGS in Ottawa also has:

- a second satellite dish, a 7-meter one, so that it can access both satellites
- a Data Hub which provides connectivity to public and private data networks also offering an IP gateway
- the Network Operations Center, where the network is monitored and controlled
- the Network Communications Controller, which allocates channels on a per-call basis