

INTELSAT EPIC^{NG}

NOT ALL HIGH THROUGHPUT SATELLITES ARE EQUAL

Other HTS systems are closed architecture, with a network topology that limits connectivity and requires proprietary terrestrial equipment, resulting in minimal flexibility.



DESIGNED TO MEET THE NEW GLOBAL BROADBAND INFRASTRUCTURE



Increasing requirements to support globalization of data.



Greater need to address **bandwidth-hungry** mobile apps and converged data and video.



Greater resiliency for protection from unexpected network failures.

INTELSAT EPIC^{NG} SATELLITES: ENHANCING PERFORMANCE, COVERAGE, AND CONTROL

Intelsat Epic^{NG} combines the Intelsat Globalized Network with expanded widebeam coverage and high-powered spot beams, making it instantly accessible due to backwards compatibility with existing hardware.

PERFORMANCE

- High-definition full motion video (**HD-FMV**) using **18cm antennas**, enabling a new generation of Class III UAVs for Satcom.
- Intelsat Epic^{NG} satellite tests showed **throughput efficiency increases of 330%** for mobility antennas as small as 45cm.
- **Lower your total cost of ownership** through more efficient use of bandwidth.

COVERAGE

- **All-digital payload** for maximum flexibility, allowing connectivity in any frequency from any beam to any beam.
- Intelsat Epic^{NG} coverage of four continents now with complete high-performance **global coverage by 2018**.

CONTROL

- **Open architecture** for full user control over network topology, ground equipment, and management.
- **Backwards compatibility** allows use of existing hardware to minimize capital expenditures.
- **Enhanced anti-jam and interference mitigation** through spot-beam technology and our digital payload.

LEARN MORE ABOUT INTELSAT EPIC^{NG}



BROCHURE
INTELSAT EPIC^{NG}



VIDEO
Intelsat Epic^{NG}
High Performance
Satellite Communications



WHITEPAPER
Ka vs. Ku-band



BLOG
Testing Confirms
Intelsat Epic^{NG} Delivers
a Whole New Ballgame

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