

ABOUT INSTARSAT

Instarsat is an innovative space technology company that is developing a new generation of small and medium class satellites for commercial, civil, and military markets.

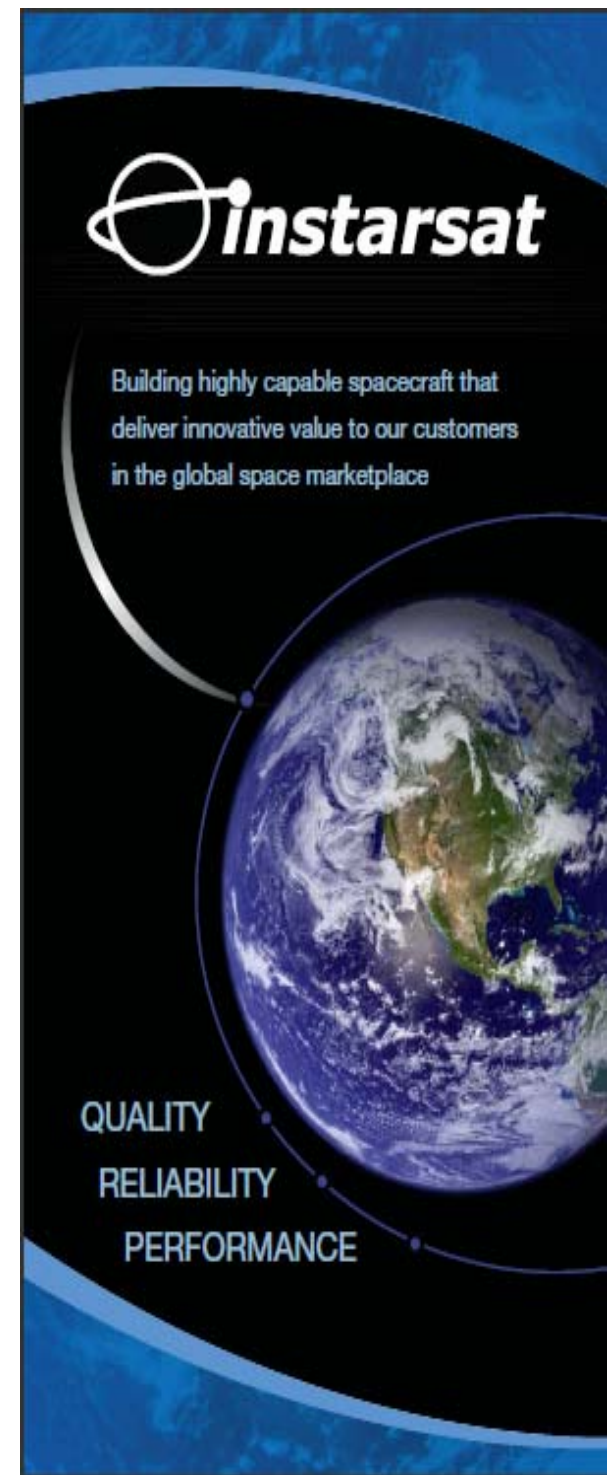
WHY DEVELOP ANOTHER SATELLITE BUS?

To address the emerging demand for more cost-effective space systems, Instarsat's focus is on providing high performance satellites and subsystems that encompass breakthrough improvements in quality and reliability. Because of our unique product development program, Instarsat brings to the space marketplace value-driven space systems with proven heritage that meet the needs and exceed the expectations of a broad range of customer mission requirements and key stakeholders.



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Small space systems for the 21st century space marketplace.™

- Spacecraft bus
- Subsystems development and integration
- Systems engineering services
- Mission operations & support

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FROM DESIGN TO DELIVERY™

DESIGNED FOR FLEXIBILITY TO MEET ANY UNIQUE MISSION REQUIREMENT

Instarsat is developing a family of spacecraft bus products and subsystems that includes ExpressBus™ and follow-on products ScienceBus™, CommercialBus™, and DefenseBus™. These products offer highly scalable hardware architectures that meet a wide variety of customer mission requirements.

Product Family	Bus Category (kg)*	Spacecraft Application
ExpressBus™	Micro 10-100	Academic and Research
ScienceBus™	Mini 100-500	Science and Exploration
CommercialBus™	Medium 500-1000	Communications and Remote Sensing
DefenseBus™	Large > 1000	Defense and National Security

*Customer requirements aligned to bus categories per mission set within each product family.

BRINGING INNOVATION TO THE 21st CENTURY SPACE MARKETPLACE

Instarsat spacecraft products feature breakthrough improvements in cost, quality, reliability, and performance, with development efforts focused on creating greater capability in these areas:

- Scalable core bus designs.
- Increased payload capacities.
- Rapid integration and test capabilities.
- Accommodates multiple payload configurations.
- Design compatibility for multiple launch vehicles.
- Innovative subsystems.
- Greater operational capabilities.
- Highly autonomous systems.
- Accelerated production cycles using advanced process and quality improvement methodologies and technologies in fabrication, assembly, test, and integration.

CUSTOMER INQUIRIES

To learn more about Instarsat products, and how we can help your organization successfully achieve its complete mission goals, please contact us directly at (919) 452-9610, or e-mail to info@instarsat.com.

Thank you for your time and interest.

Product technical information are available for release as governed by ITAR, EAR, and non-disclosure agreements as applicable.

Quality, Reliability, and Performance. Spacecraft Platforms...

Mission Powered.™
ExpressBus
Academic and Research™

Mission Powered.™
ScienceBus
Science and Exploration™

Mission Powered.™
CommercialBus
Communications and Remote Sensing™

Mission Powered.™
DefenseBus
Defense and National Security™

...designed to meet your specific mission requirements.

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