



PRESS RELEASE

Galaxy 1, Viasat and RAVE Technologies launch 3GPP Release 17 NB-NTN development kit to accelerate satellite IoT innovation

Fort Lauderdale, FL, June 23rd, 2026 – Galaxy 1 Communications today announced the availability of the Reach NB-NTN Development Kit, developed in collaboration with Viasat and RAVE Technologies: providing developers, device manufacturers, systems integrators and enterprise customers with a simple, standards-based route to evaluating satellite-enabled IoT applications on their way to deployment.

The new Development Kit combines RAVE Technologies' Reach NB-NTN terminal, Viasat's commercial 3GPP Release 17 compliant NB-NTN capabilities, and Galaxy 1's managed service platform, allowing the rapid evaluation of satellite IoT connectivity and accelerating the journey from proof of concept to commercial deployment.

Accelerating adoption of standards-based satellite IoT

As the satellite industry embraces 3GPP Release 17 Non-Terrestrial Networks (NB-NTN), organisations increasingly require an accessible and commercially proven platform for developing, testing and validating satellite-enabled IoT applications.

The Reach NB-NTN Development Kit removes traditional barriers to entry by providing a complete evaluation environment that includes certifiable hardware, commercial satellite airtime, operational management tools and expert engineering support within a single package.

Designed for rapid deployment, the Development Kit enables organisations to evaluate NB-NTN connectivity without the complexity typically associated with testing satellite communications.

The Kit includes:

- Reach 3GPP Release 17 NB-NTN Terminal
- Commercial NB-NTN satellite airtime
- Galaxy 1 RTM platform access
- Engineering onboarding and technical support
- Rapid activation and development environment

The solution supports a broad range of applications including:

- Smart utilities
- Environmental monitoring

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- Agriculture
- Critical infrastructure
- Industrial IoT
- Asset monitoring
- Smart metering
- Logistics and transportation

Bringing together industry leaders

The collaboration combines three complementary areas of expertise:

RAVE Technologies provides the Reach NB-NTN terminal, delivering standards-based hardware designed specifically for next-generation satellite IoT applications.

Viasat provides resilient, reliable commercial NB-NTN satellite connectivity built on 3GPP Release 17 standards, enabling developers to evaluate applications using a live operational service rather than a laboratory environment.

Galaxy 1 delivers the operational layer through its managed service platform, providing provisioning, commercial airtime, RTM monitoring, engineering support and lifecycle management to help organisations transition seamlessly from development to production deployment.

Designed for the complete development journey

Unlike traditional hardware evaluation kits, the Reach NB-NTN Development Kit has been designed as the first stage of a complete deployment lifecycle.

Customers can progress from:

- Development kit
- Pilot development
- Commercial service
- Fully managed operations

without changing technology platforms or service providers.

This significantly reduces development risk while accelerating commercial adoption.

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Executive Commentary

Martyn Durrant, Chief Commercial Officer, Galaxy 1 Communications, said:

“The introduction of the Reach NB-NTN Development Kit represents another important milestone in the adoption of standards-based satellite IoT. Organisations no longer need to build complex satellite infrastructure simply to evaluate NB-NTN applications. By bringing together commercial connectivity from Viasat, innovative hardware from RAVE Technologies and Galaxy 1’s managed service capabilities, we’re providing developers and enterprise customers with a simple, low-risk path from evaluation to commercial deployment.”

Andy Kessler, Vice President, Enterprise at Viasat, said:

“Working with partners like Galaxy 1 enables organisations to experience the benefits of standards-based NB-NTN connectivity on a live commercial network. The Reach Development Kit provides an excellent platform for accelerating innovation while supporting the wider adoption of 3GPP satellite-IoT technologies.”

Nate Rasmussen, CEO, RAVE Technologies, said:

“Our Reach terminal has been developed to simplify access to next-generation satellite IoT services. Partnering with Galaxy 1 and Viasat enables customers to begin developing and testing immediately, while providing a straightforward path to commercial deployment on a globally recognised standards-based platform.”

About Galaxy 1 Communications

Galaxy 1 Communications (www.g1sat.com) provides managed satellite connectivity and secure IoT enablement for critical infrastructure, mobility, and enterprise applications. With over 20 years of expertise, Galaxy 1 empowers large enterprises to deploy advanced connectivity and IoT services without the need to build full-scale communications departments. By combining hardware, airtime, application integration, billing, and management platforms into a unified ecosystem, Galaxy 1 enables customers to focus on their core business while benefiting from enterprise-grade resilience, security, and scalability.

About Viasat

Viasat is a global communications company that believes everyone and everything in the world can be connected. With offices in 24 countries around the world, our mission shapes how consumers, businesses, governments and militaries around the world communicate and connect. Viasat is developing the ultimate global communications network to power high-quality, reliable, secure, affordable, fast connections to positively impact people’s lives anywhere they are - on the

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ground, in the air or at sea, while building a sustainable future in space. In May 2023, Viasat completed its acquisition of Inmarsat, combining the teams, technologies and resources of the two companies to create a new global communications partner. Learn more at www.viasat.com, the [Viasat News Room](#) or follow us on [LinkedIn](#), [X](#), [Instagram](#), [Facebook](#), [Bluesky](#), [Threads](#), and [YouTube](#).

About RAVE Technologies

RAVE Technologies, based in Lincoln, Nebraska, is a hardware solution provider that takes ideas from concept to MVP and into manufacturing. Through quick, lean development, RAVE helps customers validate an idea's viability and turn it into reality, with deep expertise in designing, developing, sourcing, and manufacturing rugged electromechanical devices built to operate in the harshest conditions. Its Reach NB-NTN terminal—a compact, standards-based platform for satellite-enabled IoT applications—is one example of the next-generation connectivity products RAVE delivers across a wide range of industries.

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