

IQ spacecom and RBC Signals Launch the Go.BIC Service at SmallSat Conference 2024

August 5, 2024

Go.BIC, the first dynamic Global On-Demand Bi-directional Intersatellite Connection Service, is now available for order. The official launch takes place during the ongoing SmallSat Conference in Utah, with a special Go.BIC day scheduled for Wednesday, August 7th, 2024.

After the initial collaboration statement in May 2024, IQ spacecom, a product branch of the German IQ Technologies for Earth and Space GmbH, and RBC Signals announce the launch of their jointly developed Go.BIC service. IQ spacecom is a leading provider of advanced communication solutions for small satellites with more than 15 years of global project experience, and RBC Signals is a pioneering satellite data communication solutions provider. This innovative service is designed to provide inter-satellite connections for Low Earth Orbit (LEO) operators and is powered by Viasat's global L-band satellite network.

Flexible Business Model for All Needs

IQ spacecom and RBC Signals have developed different service concepts based on their new and outstanding Go.BIC service. These service concepts meet all possible operational requirements, can be individually customized and even support time-sensitive space applications. Communication links can be either pre-booked or made available on short notice. The billing is based on minutes of use.

Dr. Kurt Winter, CEO of IQ Technologies: "We are proud to be able to offer a market-ready solution in such a short time together with RBC Signals. Go.BIC will enable new horizons for satellite operators."

Ron Faith, CEO of RBC Signals: "We believe the Go.BIC service, with its flexibility and improved efficiency, will be highly beneficial for a wide range of applications. We look forward to solving many of the industry's challenges."

Enhanced Operational Efficiency

Go.BIC complements existing ground station networks to extend connectivity to previously unreachable regions, such as oceans, ensuring satellite operators can maintain communication at any time. As a result, it improves operational efficiency by providing cost-effective telemetry and telecommand options, giving LEO satellite operators greater flexibility and control over their missions. This is critical for time-sensitive space applications, including natural disaster monitoring and real-time satellite maneuvering.

Technical Backbone

At the heart of the system is IQ spacecom's XLink-L SDR platform and L-band patch antennas on board the LEO satellite, combined with RBC Signals' ground station infrastructure and Spectrum Trading Orchestration and Resource Management (STORM) platform. Leveraging Viasat's L-band network of geostationary (GEO) satellites, Go.BIC provides real-time allocation of L-band capacity on a global scale, tailored to the specific needs of LEO satellite operators.

Successful Validation and In-Orbit Demonstration

Following successful over-the-air tests that validated the robustness and reliability of Go.BIC, IQ spacecom's XLink-L platform is currently conducting its In-Orbit Demonstration mission and is performing exceptionally well.

Go.BIC Day at SmallSat Conference 2024

IQ spacecom and RBC Signals invite all interested parties to join at the SmallSat Conference in Utah for the official launch of Go.BIC on Wednesday, August 7th. Both companies can be found in the fieldhouse, IQ spacecom at booth #229 and RBC Signals at booth #197.



For more information, please visit www.iq-spacecom.com/gobic.

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ABOUT IQ TECHNOLOGIES FOR EARTH AND SPACE GMBH

[IQ Technologies for Earth and Space GmbH](#) (former IQ wireless GmbH), headquartered in Berlin, Germany, is a well-established business for more than 20 years with two main innovative business units: IQ FireWatch and IQ spacecom. IQ FireWatch provides a terrestrial early detection system of fires in forests, outdoor industrial facilities, and wildland-urban interfaces.

IQ spacecom comprises high-performance radio communication solutions providing flexible and highly efficient broadband data communication for small satellites, such as CubeSats. The equipment has been qualified for several years of operation in low earth orbit (LEO) and is used for scientific missions, Earth observation, remote sensing and communication solutions. Outstanding hardware and software platforms enable a fast, flexible and reliable adaptation to customer-specific requirements. More than 50 employees are constantly developing the products and optimizing them to meet the needs of the customers, in order to be able to provide solutions for complex requirements of the future. The technical innovations of IQ Technologies for Earth and Space GmbH are researched, developed, manufactured, and tested at the headquarters in Berlin.

Follow IQ spacecom on social media to stay up-to-date: [Twitter](#) / [Facebook](#) / [LinkedIn](#).

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ABOUT RBC Signals

RBC Signals is an innovative provider of global satellite data communication products and solutions. They offer secure space communication solutions in every major frequency band, utilizing a worldwide network of both company-owned and partner-owned systems. RBC Signals delivers dynamic solutions offering affordability, flexibility, and resiliency. Their diverse products and services enable them to be a complete end-to-end solution provider for every organization that needs best-in-class multi-network solutions.

To learn more about RBC Signals, visit <https://rbcsignals.com> or follow the company on [LinkedIn](#)