



# Better Together

By combining Skylo's non-terrestrial network (NTN) with Murata's Type 1SC module, an advanced ultra-small low-power cellular IoT solution, the companies' collaboration enables seamless, ubiquitous connectivity. This allows device manufacturers to connect devices such as wearables, sensors, and trackers directly over satellite without requiring new hardware or specialized equipment.



@skylotech



Skylo is a global non-terrestrial network (NTN) service provider, leveraging the standardized 3GPP ecosystem to offer seamless hybrid connectivity using existing, established satellites. Our network complements terrestrial cellular networks and functions as a roaming partner for terrestrial network operators, allowing subscribers an enhanced coverage and accessibility experience. Importantly, access to Skylo's network requires no change in the user hardware nor any additional/special antenna, as long as the device uses a compatible cellular modem capable of R-17 NB-NTN, certified by Skylo.

Skylo partners with existing satellite operators to orchestrate and unify multiple different satellites and spectrum with its technology. Skylo's RAN is installed into the existing satellite Earth stations that allow for immediate service, without the need to launch new satellites, and is compatible with upcoming LEO constellations.

Skylo's network integrates seamlessly with terrestrial cellular operators with standard core-to-core interfaces.

Contact Skylo at [info@skylo.tech](mailto:info@skylo.tech) or visit us at [www.skylo.tech](http://www.skylo.tech).

Contact Murata at [www.murata.com](http://www.murata.com).



Murata Manufacturing Co., Ltd. is a worldwide leader in the design, manufacture and sale of ceramic-based passive electronic components and solutions, communication modules and power supply modules. Murata is committed to the development of advanced electronic materials and leading edge, multi-functional, high-density modules. The company has employees and manufacturing facilities throughout the world.

Murata's Type 1SC solution is the world's smallest form factor LTE Cat M/NB-IoT module with global certification and satellite NTN. It supports GPS/GNSS, OpenMCU, and Integrated SIM to support the applications that are moving the market forward, such as dual-mode cellular IoT. In addition to its unparalleled size, low power, and cost-efficiency, the solution's high level of integration cuts time to market and reduces customers' development and deployment costs. Further, current Type 1SC module customers can adopt this new feature without the need to alter hardware.