



ENHANCING THE RADIO SPECTRUM ACROSS THE GLOBE



Our mission is to empower individuals, businesses, and communities by connecting worlds, fostering inclusivity, and securing futures through cutting-edge communication solutions and transformative technology services. We strive to be the catalyst for positive change, driving innovation and collaboration globally.

Cusp Technologies provides advisory services, innovative telecommunication solutions, high-tech security solutions, and world class software technology, aligning with our values of connectivity, security, global collaboration and innovation. We combine our expertise in Broadcast, Strategic Communications, and Project Management to bring solutions to even the most remote and challenging environments in Africa.

Our technology services are custom-designed to suit any organisation that requires communication to run efficiently, from satellite communication, full network hardware to software and applications that support new-tech communication, data management and cyber security, to name a few.

- SECTORS WE OPERATE IN**
- Government and NGO's
 - Security Services
 - Corporate Tech & Data
 - Maritime Services
 - Natural Resources
 - Banking
 - Retail
 - Logistics
 - Manufacturing

NEW SAAS PLATFORM

As part of the ongoing commitment to stay on the cutting edge of technology, we have partnered with QuadSAT to offer our clients a platform which allows for drone and payload systems, front-end user interface, management of services, SW system upgrades as well as full cloud services.

QUADSAT AND CUSP TECHNOLOGIES ARE JOINING FORCES TO BETTER MODEL AND MANAGE THE RADIO SPECTRUM FOR BUSINESSES.

Imagine being able to increase your revenue whilst saving costs? Before Quadsat, there were very few ways to test an Installed Earth Terminal (ET). Using our services, your business is able to perform reflector alignment at a rapid speed without removing the feed, and reduce the risks associated with conducting cooperating earth terminals and satellites.



Explore the future with Cusp and Quadsat

Revolutionising Satellite Testing

The Quadsat system has the ability to revolutionise satellite antenna testing and measurements, as it is able to test large antennas, allowing for better performance insights. The Quadsat UAV-based measurement system offers an accurate testing method with proven accuracy.

Enabling Enhanced Performance Analytics

With Quadsat, businesses are able to gain access to enhanced antenna performance analytics. The antenna radiation heat maps allow for an

understanding of the performance, detailed analytics, troubleshooting and maintenance, optimised antenna positioning as well as efficient resource use.

Access to quality product offerings

With Quadsat and Cusp Technologies, businesses can gain access to products that are scalable, across borders, and are end-to-end solutions for measurement, calibration and product enhancement.

Key Features of Quadsat



Flexibility:

Quadsat offers a flexible way to verify and test antenna performance in situ, allowing for optimisation of RF performance.

Enhanced Data Collection:

Quadsat's solution collects data across the entire beam to detect irregularities that are not visible in primary plane scans, providing better antenna performance insight as compared to traditional primary plane measurements.

Onboarding Benefits:

Quadsat's onboarding program provides thorough support and training, ensuring all customers get full benefit of our state-of-art RF measurement system to improve profitability of their business.

QUADSAT SW SUITE: Planning, execution, analysis in one single package with a diverse feature list and patented test methodologies.

QUADSAT SWAP PAYLOADS: State-of-the-art robotic payload mounted on any drone platform and transportable to any location in the world.

QUADSAT CLOUD PLATFORM: Storing and sharing of test data amongst satellite operators, antenna manufacturers, service organisations and regulators. Enables data analytics.

Revolutionize your business communications and operations with Cusp Technologies - Where conversations lead to conversion. Contact us for a demo at enquiries@cusptech.io

www.cusptech.io

