



BE THERE FIRST

## COMBONET + iBASIS

### Enabling Borderless Global IoT Connectivity



iBASIS was selected by Combonet, a digital wireless mobile network and trusted provider of mission-critical telecommunications in Belgium, the Netherlands, and the United Kingdom, to expand its applications, IoT connectivity and mission-critical communications offerings. Combonet is a subsidiary of the Entropia group to which ComBus also belongs. ComBus takes care of the software integration between platforms and in control rooms. In the meantime, Combonet has also delivered its first app in the Google play store.

Traditionally, the business-critical functionalities are only voice and limited data support end, with iBASIS offering a higher bandwidth that also enables certain data functionalities added to the proposition. Higher availability than many national mobile operators and top security credentials were important determinants in the selection of iBASIS for Combonet expansion.

iBASIS's global IoT Connectivity offering and fully featured remote programmable SIM (eSIM) management capabilities were also identified to help unlock new levels of speed, reliability, security, and scale for critical voice, data-only, and machine-to-machine (M2M) services. As a result, with a single Combonet SIM card the critical 4G and 5G broadband services are possible over multiple networks on a global scale. If a network fails, the SIM card immediately and automatically identifies which network has the strongest signal, depending on the location, and partly connects seamlessly using the Combonet Apps' and ComBus software.

Via iBASIS' Simfony CMP, Combonet's multi-network mobile data products are managed independently through a hassle-free management portal and are also accessible to external managers. The CMP allows Combonet to create their own plans and proposals for different customers with an option to have real-time connectivity research troubleshooting. Even Combonet's customers can get their own management environment, managing their own eSIMs and mobile data.

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iBASIS's independent backbone network coverage, in addition to Simfony IoT and CMP features, enables our Combonet Wireless Voice and Data 4G/5G SIM and eSIM technologies to transform the way every team performs, regardless of industry or location, with mission-critical connectivity and global coverage.

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**Philip Vercruysse**  
Founder, Chairman, and  
CEO, Combonet Group

## RESULTS

- iBASIS provides high-bandwidth global connectivity and redundant routes to multiple public networks in over 180 countries and 500+ networks.
- Multi-network SIM cards eliminate additional roaming charges for Combonet.
- The Combonet SIM cards dynamically identify and automatically connect to the strongest signal available to maintain connectivity if one or more providers fail, in conjunction with the Combonet platform and the ComBus API, both powered by Entropia.
- The Entropia Group has now expanded its market reach from Entropia's mission-critical services to include Combonet's critical solutions, which can be accommodated via WiFi 6e, 4G, and 5G broadband solutions, as well as integrated into the Entropia mission-critical TETRA networks.
- Lower costs with optimized deployments, with a single cloud-based management platform and a single point of contact within Combonet.
- Private APNs and VPNs with Combonet and the ComBus data center are used to add additional layers of security.
- ComBus' advanced feature-rich Broadband Push-to-Talk applications in combination with Combonet and Entropia amplify operations, safety, and efficiencies. They can be utilized on site via users' own broadband and Wi-Fi installation and, when working remotely, through access to the Global 4G and 5G connectivity. Combining these elements facilitates continual, seamless coverage.

## ABOUT iBASIS

iBASIS is the leading communications solutions provider enabling operators and digital players worldwide to perform and transform. Powered by **Tofane Global**, iBASIS is the first independent communications specialist, ranking third largest global wholesale voice operator, Top 3 LTE IPX vendor with 800+ LTE destinations, and a leading Carrier Cloud Communications player and IoT solution provider. iBASIS provides the end-to-end Global Access for Things™ connectivity solution, delivering single source cellular IoT access (LTE, LTE-M and NB-IoT) worldwide provisioned through GSMA-standard eSIM/eUICC technology. iBASIS today serves 1,000+ customers across 22 offices worldwide. For more information, please visit [iBASIS.com](https://www.iBASIS.com).

## ABOUT COMBONET

Combonet has been revolutionising the world of telecommunications since 1990. Its mission is to provide the most reliable, secure and clear communications to the professional user allowing them to work safer, smarter and simpler. Combonet controls their own network to ensure that only authorised users have access. We guarantee that radio communications between individuals and control rooms on any device will be locked down to authorised users only. To support the success of our critical IoT (Internet of Things) our secure network keeps all sensitive data private.

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