Launch of New Coverage Map and Planning Tools Simplify IoT Solution Deployments Using the Senet and Helium Networks

True Nationwide LoRaWAN Coverage Now Reaching Over 2,000 US Cities

Portsmouth, NH and San Francisco, CA. – (DECEMBER 15, 2021) – [Senet, Inc.](#), a leading provider of cloud-based software and services platforms that enable global connectivity and on-demand network build-outs for the Internet of Things (IoT), and [Helium](#), the company behind the world's largest decentralized wireless networks, today introduced new network visualization and planning tools to assist customers with deploying IoT solutions at scale across the United States.

Integrated Coverage Map

Through a previously announced [network integration](#), Senet is providing its customers with LoRaWAN connectivity from Helium-compatible Hotspots under its [Extended Coverage Services](#). Supporting this integration, Senet has enhanced its US Coverage Map to present a harmonized view of its public carrier-grade coverage and areas covered by more than 150,000 Helium-compatible Hotspots in the US.

This integrated and interactive network map empowers customers with planning information from the nation's largest and fastest growing LoRaWAN network providers. The partnership increases Senet's metro area coverage from 1,300 to over 2,000 cities and densifies coverage in major shipping ports, key logistics corridors, and major agricultural areas. It is the first US-wide LoRaWAN network and the only LoRaWAN network in the US designed, built and operated by US owned businesses.

Key attributes of the coverage map include:

- Display of Senet and Helium coverage from a single map view, illustrating overlapping and extended coverage areas
- Zip code search and zoom functionality, allowing users to view the coverage available at any location
- Dynamic updating as new gateways and hotspots are deployed
- Viewable on both web and mobile platforms

[View the Coverage Map](#)

Enhanced Network Planning Tools

Senet has also updated its Application Provider Portal tools to further assist its customers with network coverage guidance and density information for application development and deployment planning. Through the click of a mouse, Senet customers can "drop a pin" on a

network planning map. Subsequently, path quality to that location from the Senet network is automatically calculated and displayed along with the display of the number of Helium gateways in proximity to that location.

"Over our years of experience in IoT, we have learned very clearly that this is not a 'build it and they will come' network opportunity. Rather, each customer application requires flexible geographic coverage and various signal propagation models. As we partner with companies like Helium to deliver ubiquitous LoRaWAN network connectivity across the US, providing standardized coverage information and robust planning tools are increasingly important in delivering on the promise of flexible IoT connectivity where it is needed, when it's needed, and at the right cost," said Bruce Chatterley, CEO of Senet. "These tools will continue to gain functionality over time, serving as indispensable resources for developing, deploying, and managing IoT solutions at scale."

Increased Data Traffic

The densified coverage areas where Senet and Helium networks overlap, combined with areas of Helium coverage where Senet is not yet deployed, offer immediate and measurable value to solution providers and end customers.

For example, even though Senet has deployed a LoRaWAN network across all five boroughs of New York City, one of Senet's major customers experienced a 25% increase in connected asset reporting as a result of gaining access to Helium coverage through Senet's network services.

"Completing our network integration with Senet was an exciting and important first step in our partnership," said Amir Haleem, Helium's CEO and co-founder. "Now, with Senet's expanded network visualization and planning tools, customers can more easily identify coverage areas, plan their connectivity requirements, and scale their solution deployments across Helium and Senet coverage areas."

For more information on Senet's Extended Coverage services and network planning tools, please contact info@senetco.com.

About Senet, Inc.
Senet develops cloud-based software and services used by Network Operators, Application Developers, and System Integrators for the on-demand deployment of Internet of Things (IoT) networks. In addition to industrial and commercial applications, Senet has designed smart meter networks for many municipal water utility districts across the United States, representing millions of households. With a multi-year head start over competing Low Power Wide Area Network technologies, Senet offers technology in over eighty countries and owns and operates the largest publicly available LoRaWAN® network in the United States. Our disruptive go-to-

market models and critical technical advantages have helped us become a leading connectivity provider with recognized expertise in building and operating global IoT networks. For additional information, visit www.senetco.com.

About Helium
Co-founded by Shawn Fanning and Amir Haleem in 2013, Helium is building the world's first decentralized   wireless network to simplify connecting devices to the internet by rewarding anyone to become a network operator. CEO Amir Haleem comes from an extensive background in triple-A video games. Helium is backed by GV (formerly Google Ventures), Khosla Ventures, Union Square Ventures, Multicoin Capital, FirstMark, Marc Benioff, Shawn Fanning and other top VCs. The Network is live in more than 30,000 cities globally. More information can be found at helium.com.

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