



Senet Earns Patent for Secure Onboarding of LoRaWAN® IoT Network Gateways

Senet's Latest Patent Demonstrates Continued Development of IoT Platform to Meet Needs of Critical Infrastructure and Business Applications

Portsmouth, NH – (August 26, 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) today announced that the United States Patent and Trademark Office has issued a new patent for Senet's unique approach to IoT networking, U.S. Patent Number 11,044,607 entitled "Method for gateway onboarding for IoT networks."

Senet's patent is emblematic of the innovative solutions it has created to enable devices to connect seamlessly to its IoT network and it adds an extra layer of security to LoRaWAN connectivity, which is particularly important in mission-critical infrastructure and business applications where gateway performance must be carefully monitored. The patent covers a new system for gateway onboarding that uses a self-service registration portal that users connect to via the internet to confirm the gateway's serial number and other identifying information. It validates the information of the gateway and user, and enables network access and configuration parameters only when that information is confirmed.

"Every IoT device needs to be secure, particularly when massive IoT deployments are involved, and our team has worked tirelessly to make it as easy as possible to connect to our carrier-grade network while adding new security features," said Bruce Chatterley, CEO of Senet. "The patents Senet was awarded recently are a testament to our dedication to creating IoT software and solutions that lead to successful large-scale IoT deployments for enterprises, utilities and other organizations."

Senet's latest patent builds on other recent patents relating to its IoT Network Controller / Server and Low Power Wide Area Virtual Network (LVN™). Its IoT Network Controller / Server patent is fundamental to Senet's cloud-based operating system and represents the advanced connectivity architecture it created, which is designed to support billions of IoT devices. Its patented LVN creates opportunities for organizations across the IoT ecosystem to become Radio Access Network (RAN) partners and not only accelerate the spread of IoT connectivity but also benefit from revenue-sharing based on participation level.

Senet is focused on providing infinitely scalable, cost effective and secure IoT networks for businesses, as it processes millions of transactions daily through its platform. It operates the largest and most densely deployed public carrier-grade LoRaWAN network in the United States, available in over 29 states, covering over 1,300 cities and serving a population of more than 55 million people.



For more information on Senet's carrier-grade network services for critical infrastructure and essential business applications, download Senet's latest whitepaper: [The Value of Carrier-Grade Network Service for the Delivery of LoRaWAN IoT Solutions](#).

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.

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