



Senet Awarded Patents for Cloud-Based IoT Network Architecture and Advanced Service Delivery Methods

Two Patents Illustrate Long-Standing Commitment to Delivering Innovation Across the IoT Ecosystem

Portsmouth, NH – (OCTOBER 1, 2020) – [Senet, Inc.](https://www.senet.com), 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 U.S. Patent Number 10,735,521 entitled “IoT Network Controller / Server” and U.S. Patent Number 10,778,752 for LVN technologies entitled “System and Method for Low Power Wide Area Virtual Network for IoT.”

Both patents protect the pioneering work Senet is doing to facilitate the deployment of flexible, cost-efficient, and targeted Low Power Wide Area Network connectivity to instrument the physical world in support of the rapidly growing IoT solutions market. According to research firm IoT Analytics, LPWAN sensor-enabled devices are estimated to grow 51 percent between 2019 and 2025 and exceed 2.7 billion by 2025. IoT solutions using LPWAN connectivity span several markets with smart metering for water and gas utilities representing the largest segment, followed by supply chain logistics, asset tracking, smart cities, and buildings and infrastructure as noted by IoT Analytics in their LPWAN Market report 2019-2025.

The IoT Network Controller / Server patent is particularly strategic in challenging traditional telecommunications infrastructure and fundamental to Senet’s own cloud-based operating system designed from the ground up to support billions of IoT devices. This advanced connectivity architecture is optimized for network operators and solution providers and is being used by Senet to manage the largest public carrier-grade LoRaWAN network in the United States.

Providing first-to-market advantages over historically antiquated connectivity business models, the Senet Low Power Wide Area Virtual Network (LVN™) supported by U.S. Patent Number 10,778,752, creates opportunities for organizations across the IoT ecosystem to contribute to the rapid build out of Radio Access Network (RAN) and benefit from revenue sharing based on their level of participation. Under a cooperative model, the Senet LVN delivers pervasive and unified connectivity without the need for roaming contracts, provides standardized global device activation and deployment processes, and single billing for global device connectivity.



“These significant achievements by the Senet team illustrate our long-standing commitment to delivering innovation and reducing the barriers to success for organizations across the IoT ecosystem,” said Dave Kjendal, CTO and COO at Senet. “Enabling IoT connectivity with less overhead and no boundaries offers end user customers across markets the opportunity to increase efficiencies, lower costs, and provide new and enhanced services, delivering on the promise of the Internet of Things.”

For more information on Senet, please visit www.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. With a multi-year head start over competing Low Power Wide Area Network technologies, Senet owns and operates the largest publicly available LoRaWAN network in the United States and offers coverage and connectivity readiness in over eighty countries. In addition to industrial and commercial applications, Senet has designed smart meter networks for many municipal water utility districts across North America, representing millions of households. 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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