Dhyan and Senet Announce Partnership to Offer Turnkey LoRaWAN® Smart Street Lighting Solution for Cities and Utilities

Leaders in Low Power Networking and Central Management Systems Provide Ideal Solution for Smart Street Lighting

FREMONT, CA and PORTSMOUTH, NH, April 4, 2022 – Dhyan, the device management experts, today announced a turnkey solution partnership with Senet to manage smart streetlights powered by Senet's LoRaWAN® network service. Senet is a leading provider of cloud-based software and services platforms for the on-demand build-out of Internet of Things (IoT) networks and operates the largest public carrier-grade LoRaWAN network in the US. With interoperability testing completed, the turnkey nature of this solution makes it easy to add smart streetlights to existing LoRaWAN networks such as those deployed for water utility Advanced Metering Infrastructure (AMI) projects or other municipal and enterprise applications.

LoRaWAN is a long range low power, Wide Area Network protocol designed to wirelessly connect low power devices to the internet in networks of any size, and targets key IoT requirements such as bi-directional communication, end-to-end security, mobility and localization services. Its long range and low power make it ideal for smart street lighting projects, as it provides a greater connectivity range than Zigbee or Wi-SUN without the expense of cellular.

Senet pioneered the use of LoRaWAN for commercial IoT deployments in the US, with significant success deploying high-capacity networks for municipal water utility districts across the United States. Dhyan's central management system technology is in use in IoT deployments worldwide, including a growing number of smart street light networks. This partnership and integration bring together two leaders in hardware, software, and cloud-based network and device management to create a world-class smart street lighting solution.

The two companies are currently collaborating on commercial deployments and exploring Proof-of-Concept installations with several municipalities. Both organizations will also be attending the upcoming Smart Cities Connect conference in Columbus, Ohio, April 4-7. Senet will be participating in a workshop titled Sensorize Your City!, Monday, April 4th from 1-5pm EST.

"The technical attributes of LoRaWAN make it ideal for public lighting systems which can be a valuable anchor application for smart cities or easily added to an existing municipal LoRaWAN network deployment," said Bruce Chatterley, CEO of Senet. "The testing we've completed with the Dhyan street light controller provides municipalities with a proven solution to improve the quality of public lighting while also enabling a foundation for future efficiency and operations management through the use of additional IoT sensors."

"Dhyan is pleased to be working with Senet as their experience with LoRaWAN dovetails nicely with

Dhyan's StreetMan smart streetlighting management system," said Prakash Ramadass, Dhyan's VP Smart Cities. "This is a great solution for cities looking for a low-cost, long-range smart streetlighting solution."

The Dhyan family of central management software for the IoT market consists of StreetMan for managing smart streetlights, LightMan for managing smart area lights such as in campuses, parking lots, buildings, and warehouses, and CitiMan for managing smart city IoT assets.

About Dhyan
Dhyan Networks and Technologies Inc. (Dhyan) has been providing device management software for over 15 years to technology companies that cater to customers in the telecom, IoT and smart grid markets. Dhyan's technology has been deployed at medium-size businesses, municipalities, schools and Fortune 100 companies where it is managing millions of endpoints. Dhyan's products are capable of managing simple devices such as a streetlight controller to highly complex devices such as a fabric switch or a core router. Dhyan's patented, scalable, and secure management software is consistently rated highly by Dhyan's customers and Dhyan as a company enjoys 100% customer satisfaction. For more information visit www.dhyan.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.

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