THE POWER OF SENSORS IS COMING TO YOUR COMMUNITY

THE NEED TO PROTECT, MONITOR, AND RECEIVE REAL TIME ALERTS ABOUT THE CONDITION OF PUBLIC INFRASTRUCTURE, OPERATIONS AND LOCAL ENVIRONMENT HAS NEVER BEEN SO IMPORTANT.

IMAGINE IF YOU HAD ACCESS TO A LOWER-COST, SECURE AND MULTI-PURPOSE SENSOR AND METER NETWORK THAT FOCUSED ON YOUR BUSINESS TRANSFORMATION NEEDS.

Senet, the leading operator of low-powered, long-range wireless networks using the open-standards LoRaWAN protocol, is building out their carrier-grade, secure sensor and metering network to cover Hillsborough County, the Greater Tampa Metro Market, Pinellas County, and the Greater St. Petersburg Metro Markets. MeterSYS, an IoT and metering solutions technology provider, is partnering with Senet to deliver customer sensor and metering solutions for your community.

Sensors have always been available for helping local governments remotely monitor their infrastructure, assets, and operations. However, it has always been a struggle to deploy high volumes of sensors and meters across a large geography because of high costs, battery power limitations, unreliable and proprietary communication networks, and time-lagging data. Not Anymore.

USE CASES

- Monitor water and wastewater quality to detect compliance and health risks
- Implement Advanced Water, Gas, and Electric metering
- Monitor sewer, stormwater, and water overflow risks
- Monitor and predict sewer and water leak risks to avoid main bursts and neighborhood water boil notices
- Monitor in-building VOCs, CO_2 and other interior air quality health risks
- Monitor outdoor air quality for unsafe health conditions
- Reduce energy consumption
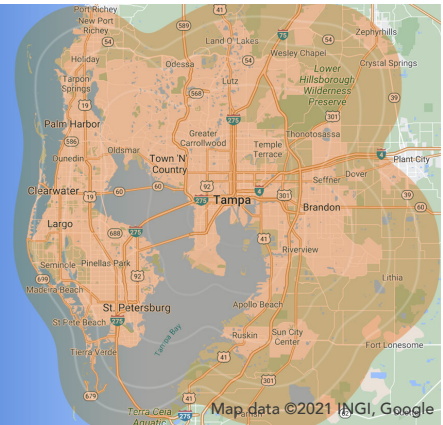- Smart Parking and Curb Management
- Flood detection on roadways, waterways, and neighborhoods
- Water conservation including pipe condition monitoring, irrigation controls, and water consumption and leak detection for homes and commercial buildings

SENET TAMPA METRO REGION NETWORK

Senet is expanding its Low Power Wide Area IoT network to cover over 1,600 square miles across Hillsborough and Pinellas Counties, including the cities of Tampa Bay and St. Petersburg. This network will be the largest and densest metropolitan deployment of public carrier-grade LoRaWAN connectivity in North America, providing capacity to support over 16 million IoT device connections from over 80 planned tower sites.

Map data ©2021 INGI, Google

ABOUT METERSYS

MeterSYS, an end-to-end smart technology solutions provider to public water utilities, municipalities and counties, specializes in testing, evaluating and implementing leading metering, sensor, and IoT solutions. SenthisSYS is our service that is focused solely on IoT solutions. The MeterSYS team partners with our clients to leverage advanced IoT and smart technology solutions to solve critical problems, including aging infrastructure, situational awareness, financial risks, sustainability, compliance mandates, and operating and resource constraints.

MeterSYS®

SenthiSYS™

ABOUT SENET

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 North America, 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 North America. 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.

senet
Connecting the IoT Revolution

LoRa Alliance®

MeterSYS and Senet are both LoRa Alliance® Member companies. The LoRa Alliance is an open, nonprofit association that has become one of the largest and fastest-growing alliances in the technology sector since its inception in 2015. Its members collaborate closely and share expertise to develop and promote the LoRaWAN® standard, which is the de facto global standard for secure, carrier-grade IoT LPWAN connectivity.

If you are responsible for your Smart City roadmap, manage water operations, public works, sustainability and resilience, public safety, or have responsibilities across your community, we can address your questions at both high levels and in-depth. Contact us for more information.

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