

# LoRaWan IoT SENSORS VIANNIX SaaS Solutions

**GARY HILL**

CHIEF INNOVATION OFFICER

FUTURE TECHNOLOGIES VENTURE, LLC

# Viaanix IoT Platform

IoT sensors coupled with LoRaWAN wireless networking enable digital monitoring and alerting of your physical assets. An end-to-end IoT platform provides significant improvement in efficiency, accuracy and timeliness in monitoring critical assets.

## Monitoring examples....



INDOOR ASSET TRACKING



OUTDOOR ASSET TRACKING



MACHINE HEALTH PREDICTIVE MAINTENANCE



LEAK DETECTION



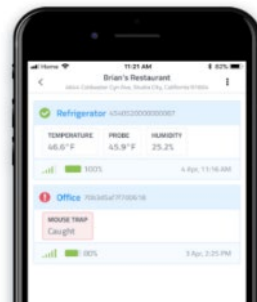
SMART METERING



ELECTRICITY PULSE METERING

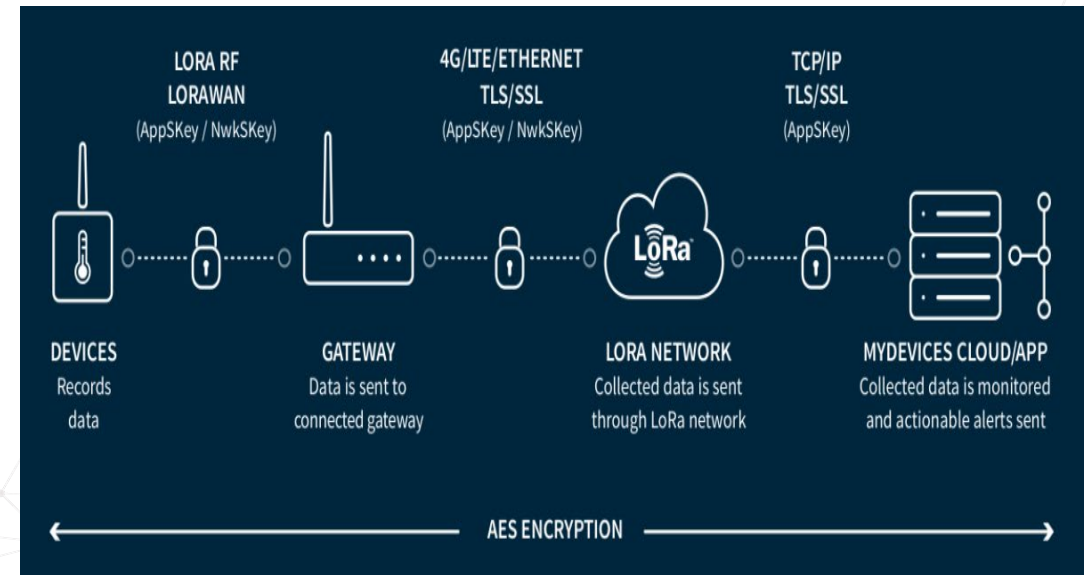


Customized text and email alerting so you don't miss critical monitoring events.



Mobile and Web app for monitoring of location and sensor status.

## End-to-End IoT platform - secure from the edge to the application (cloud/on-prem)...



# Viaanix IoT Platform

## What is LoRaWAN?



The LoRaWAN® specification is a Low Power, Wide Area (LPWA) networking protocol designed to wirelessly connect battery operated 'things' to the internet in regional, national or global networks, and targets key Internet of Things (IoT) requirements such as bi-directional communication, end-to-end security, mobility and localization services.