

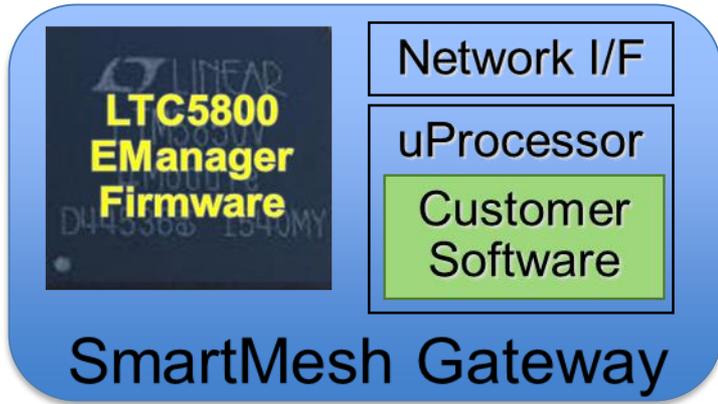


## VManagerのご紹介

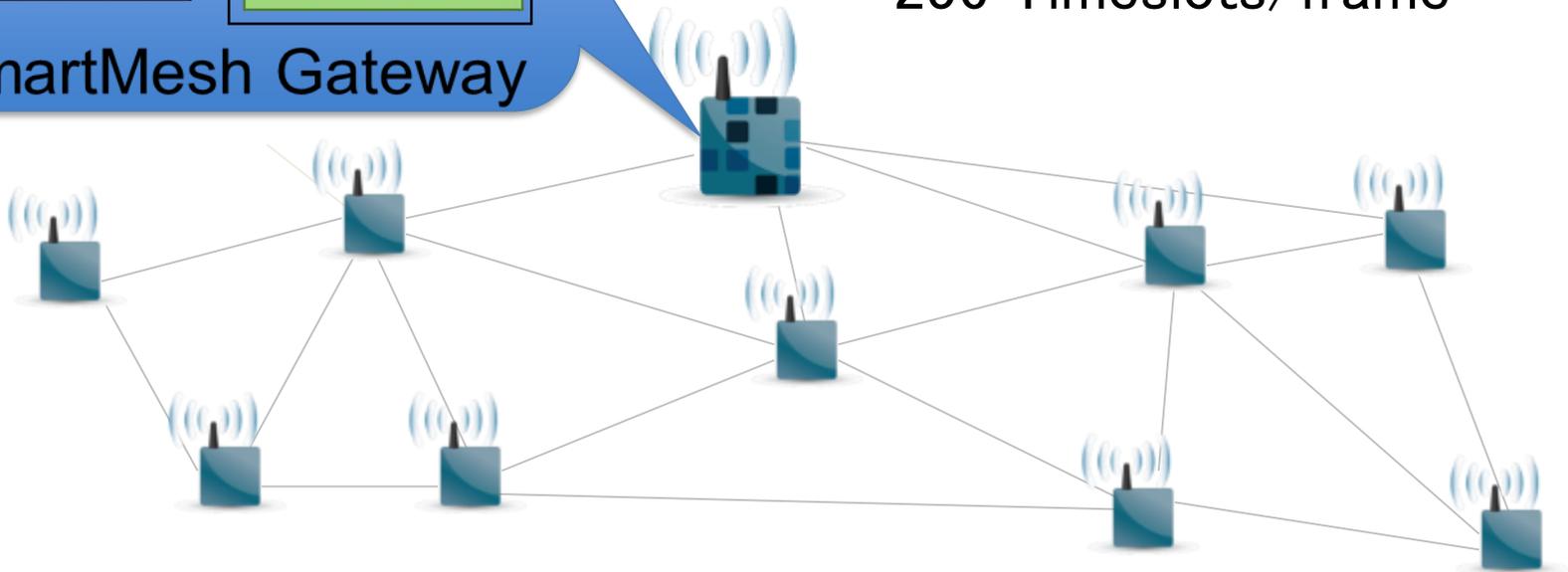
2016年10月27日

ダスト・エバンジェリスト 小林純一

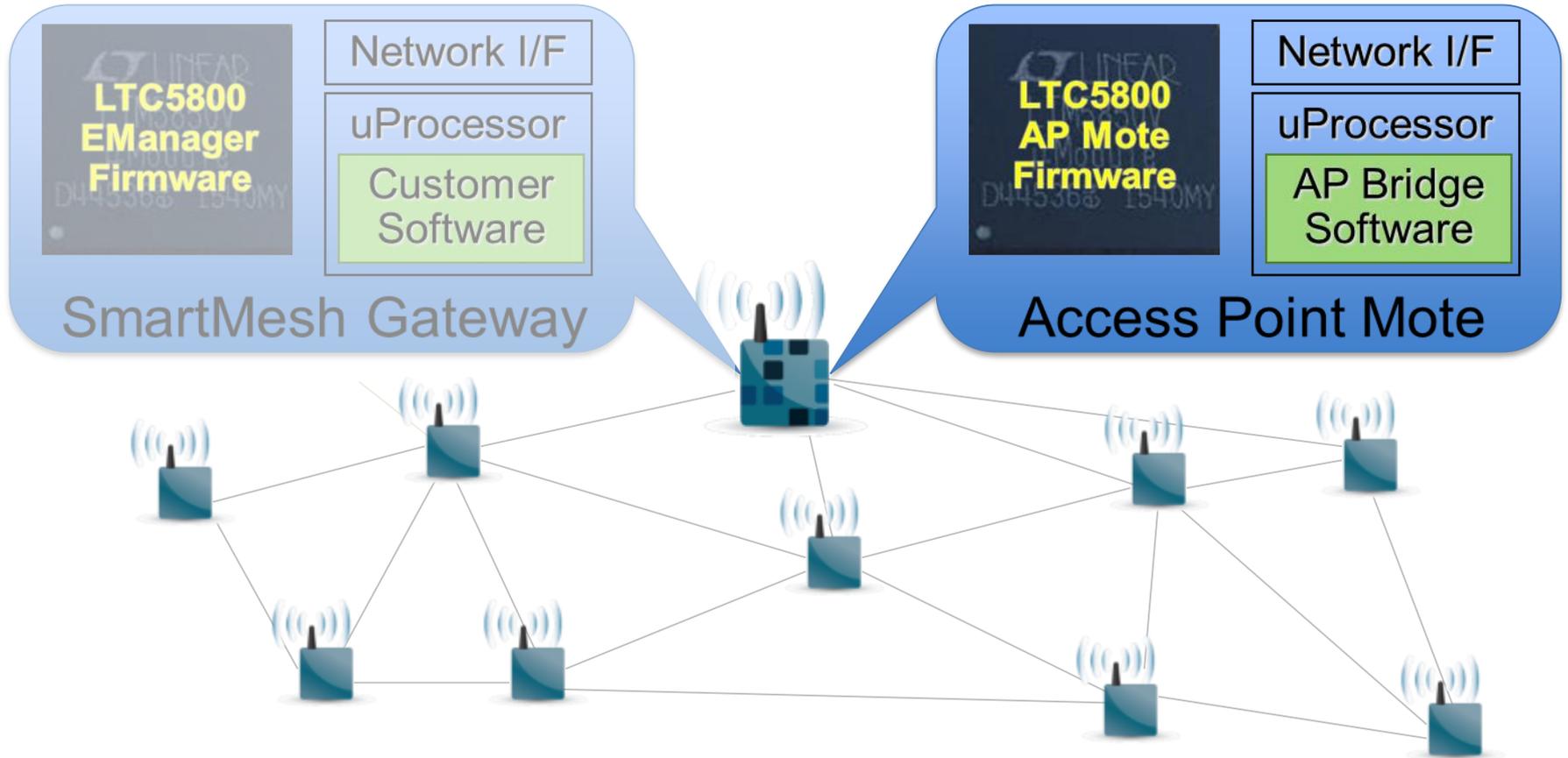
# Embedded Manager



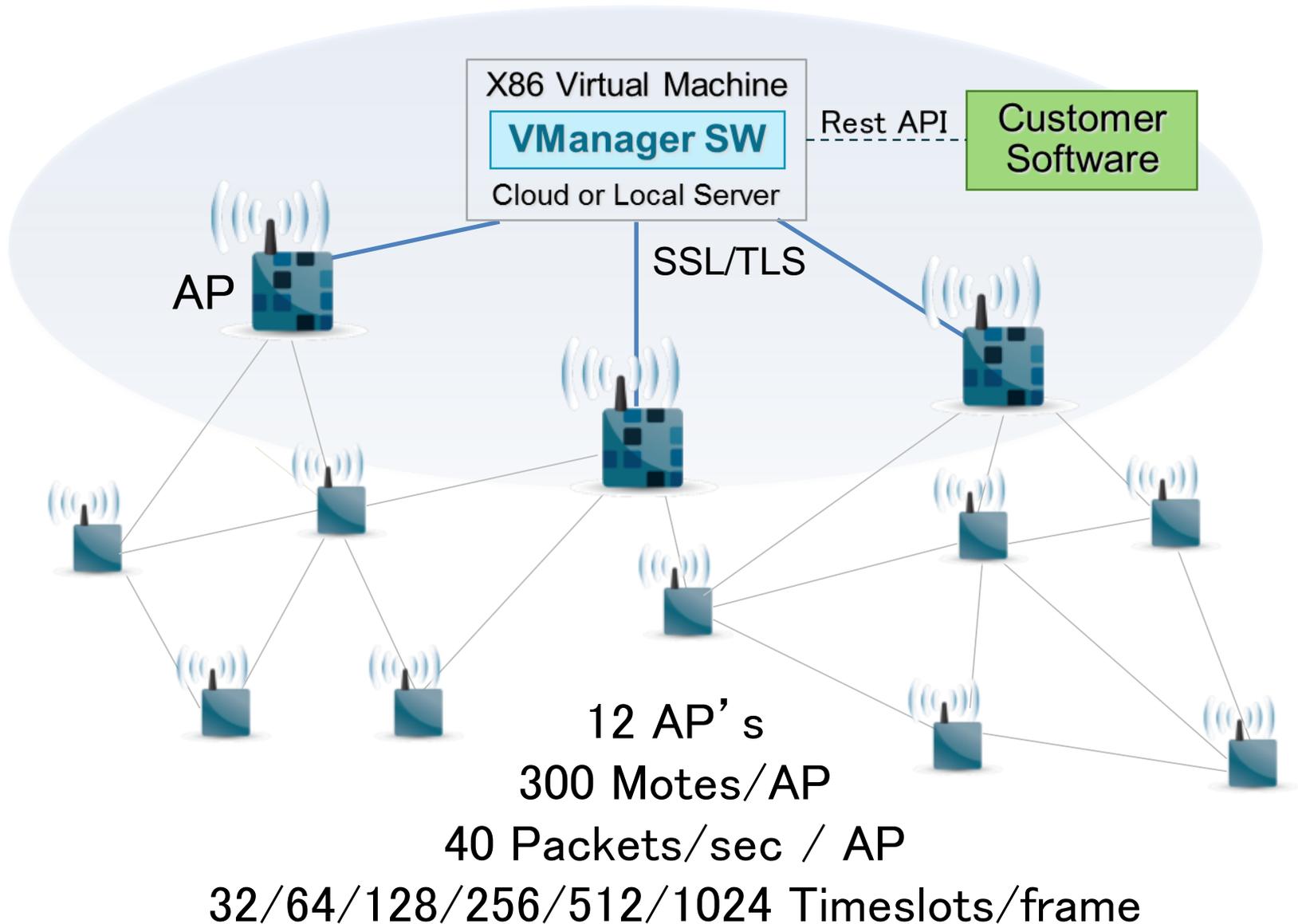
100 Motes/manager  
36 Packets/sec  
256 Timeslots/frame



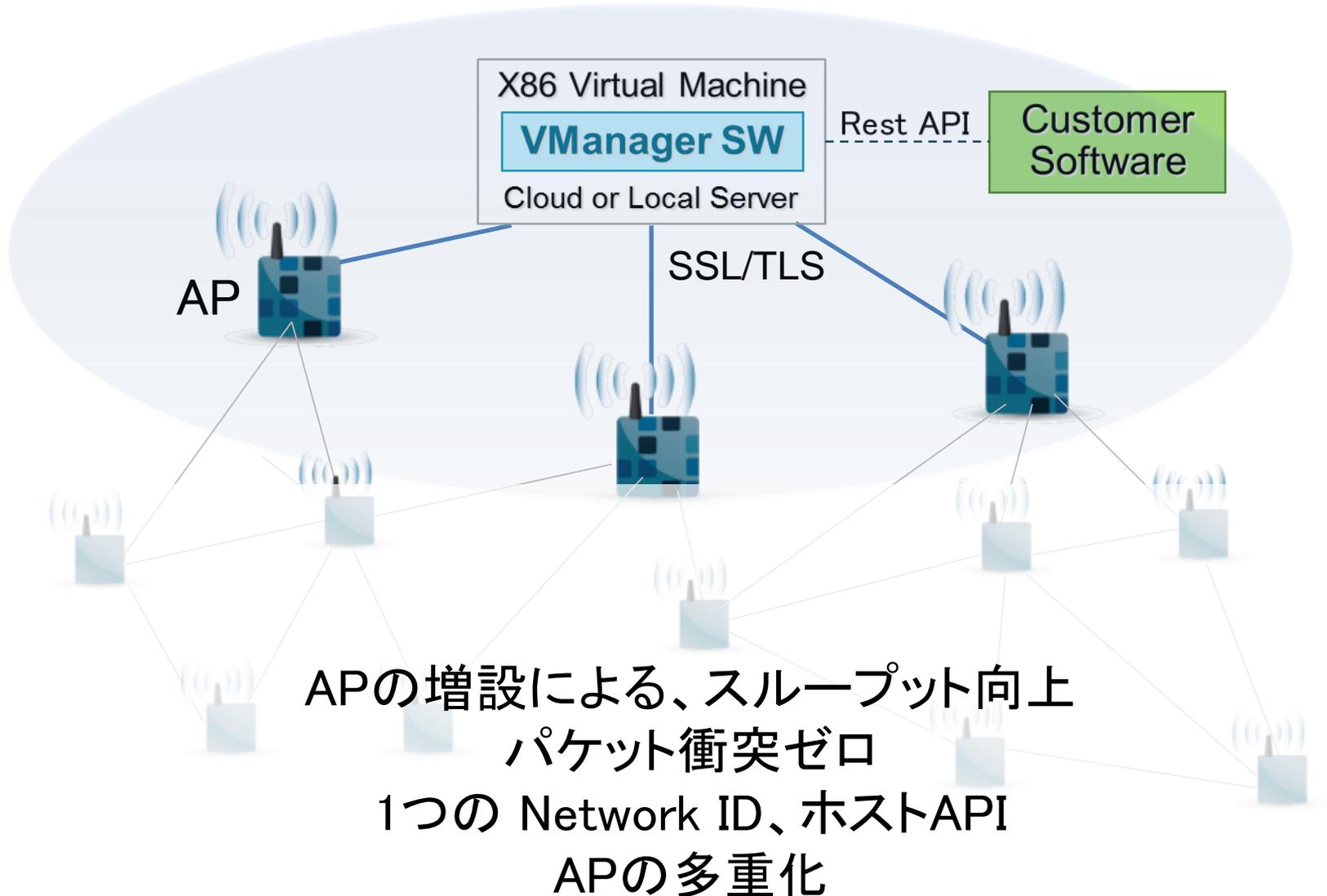
# VManagerのアクセスポイント



# VManagerの構成

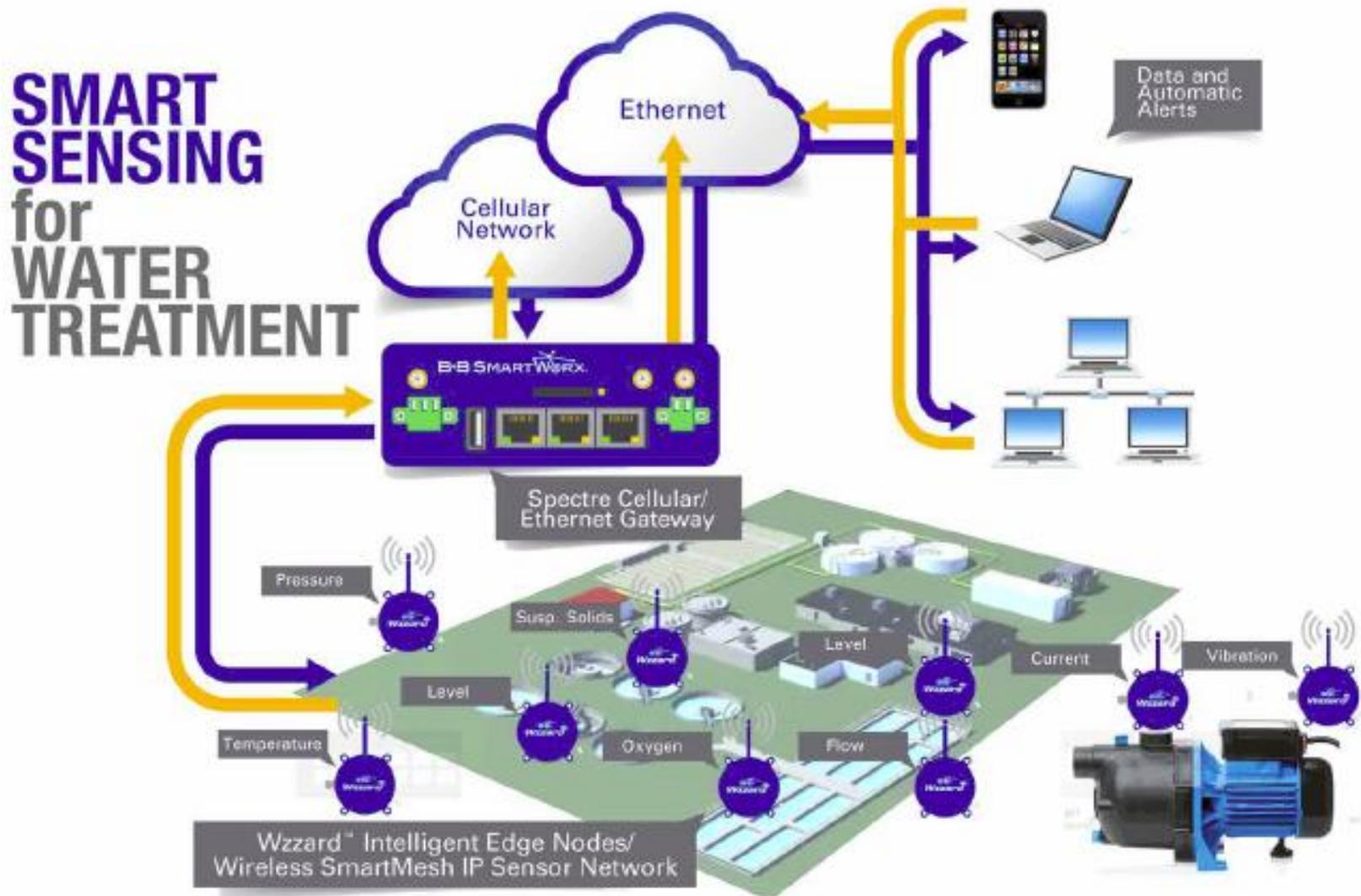


# VManagerのメリット

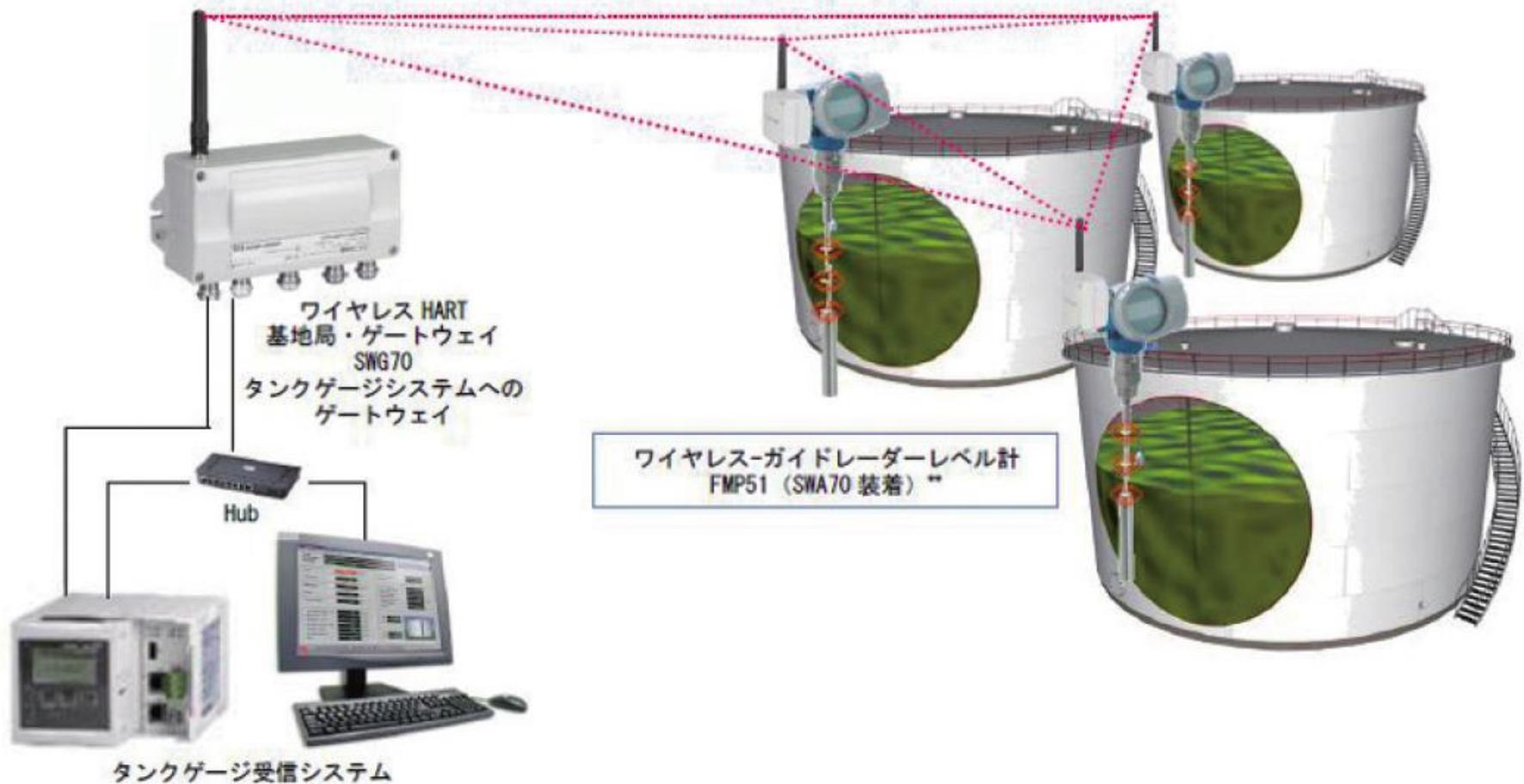


# 海外の新しい事例

# 無線計装による水処理施設の管理



# 無線計装による貯蔵施設の管理



# 無線による資産保護・管理

## HS20 / HS20E

Hydra Sensor, 20 Foot Motion Coverage



### General Description

**Description:** Dual sensing, intelligent battery powered nodes, connected via wireless mesh to other sensors and gateway.

### Sensing Technologies

**Human Detection Sensor: Passive Infrared Sensor:**

- Typical range: 12 feet deep, 30 feet wide
- Viewing Angle: 360 x 160 degrees
- Configurable shock detection – 5 to 100% Sensitivity
- Independent or Dual Mode

**Shock Sensor: Low Power Accelerometer**

- 3 axis
- Configurable shock detection – 10 to 100% Sensitivity
- Independent or Dual Mode

### Product Features

**Communication:**

- 2.4 GHz low power mesh radio
- Range: Up to 200 feet with internal chip antenna, 1,000 feet with external antenna.

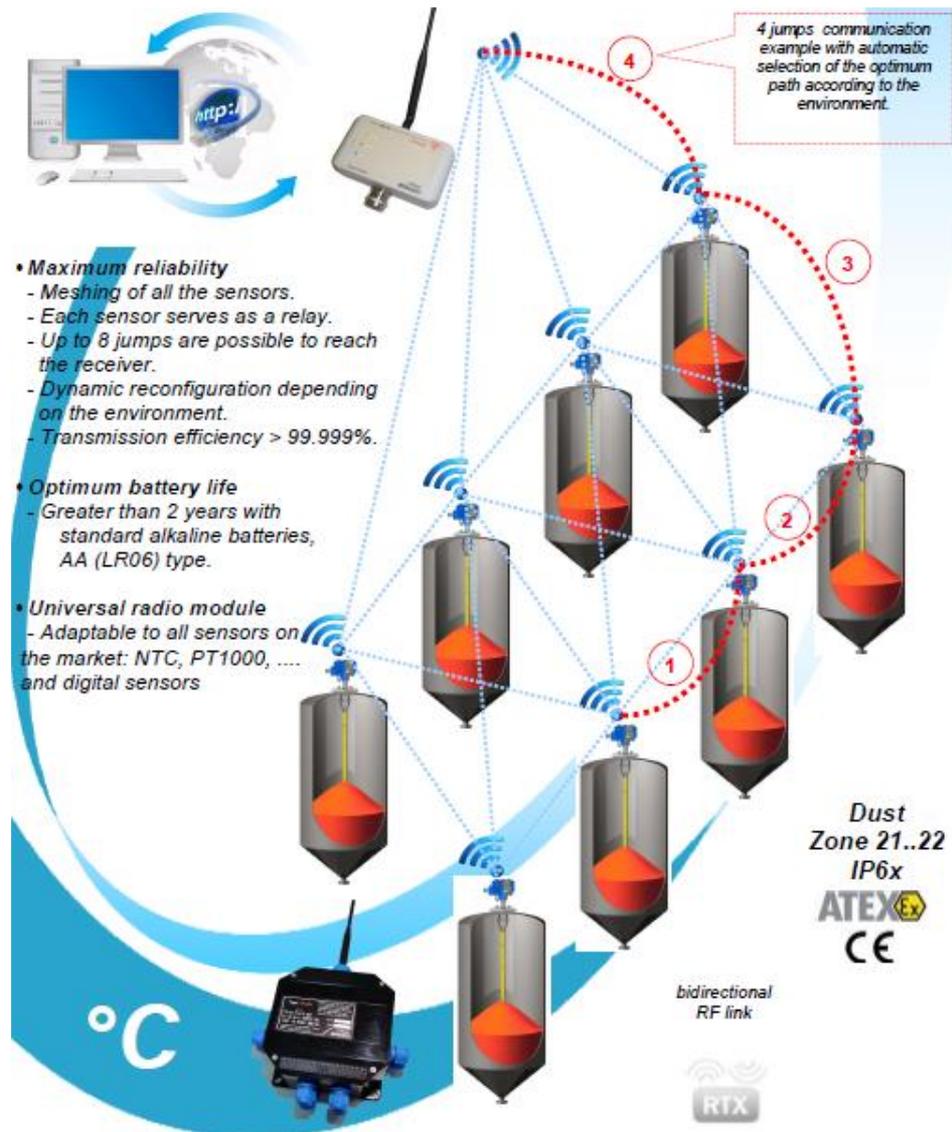
**Battery:**

- 3.6 V Primary Lithium-Thionyl Chloride



出典: Hydra Asset Protection System

# 無線によるサイロの温度管理



# コンフィグ不要 MicroPnP

