



## IoT SOLUTIONS

Network Products & Monitoring Systems

### NH-3FV2 Series Network Monitoring Signal Tower with MP3

“Connects directly to AWS without external devices or gateways”



NHP-3FV2W

NHL-3FV2W



#### AWS

- ☒ Direct communication with AWS IoT Core
- ☒ Enable visualization of Cloud environment
- ☒ Send Signal Tower statuses to the Cloud

#### Microsoft Azure

- ☒ Allow users to link devices incompatible with the Cloud
- ☒ Allow users to easily configure parameter and properties
- ☒ **The Azure IoT Central** is a highly secure Platform that enables remote device management and data collection



- Audible alarm and MP3 voice alert functions
- Able to send email alerts
- Monitor network device status using SNMP protocol

LAN	RSH	SNMP v1 - 2c	MP3
88 dB at 1 m	10 Sounds	60 Messages	4 Inputs
1 Output	HTTP	NHP Φ40mm	NHL Φ60mm

### LA6-POE Series Network Signal Tower

Direct mount type



Desktop type

“3rd Party Software: LA6-POE can send machine status data over Ethernet to centralized software for remote Andon monitoring or data analysis”



**Color Change**  
Without hardware re-configuration



**Cycle Time**  
Progress and result status



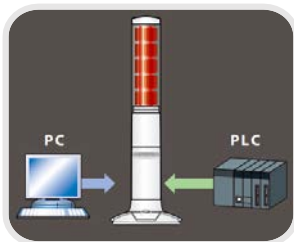
**Level Meter Monitoring**  
Visual level of Material Management



**Status Condition**  
Create visual timers for a streamlined Takt System



**Remote Monitoring**  
Monitor operating status of equipment



**21** LED colors and **11** alarm types, all in a single part number Ethernet connection with **PoE** (Power over Ethernet) support, enabling single cable installation

LAN	Modbus/TCP	IP54
85 dB at 1 m	11 Sounds	HTTP
PoE	Φ60mm	21 Colors LED

PoE : Power over Ethernet

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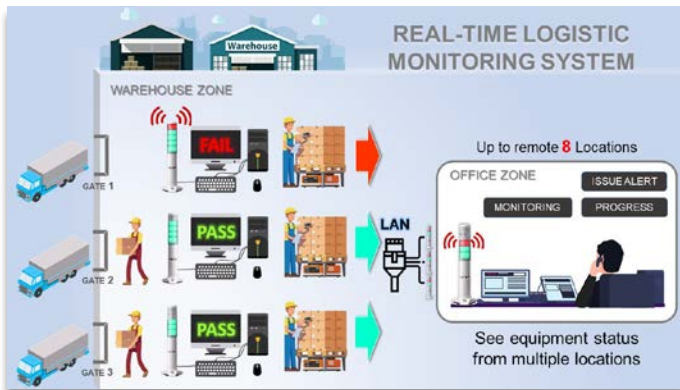
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### Example of IoT experiences with PATLITE

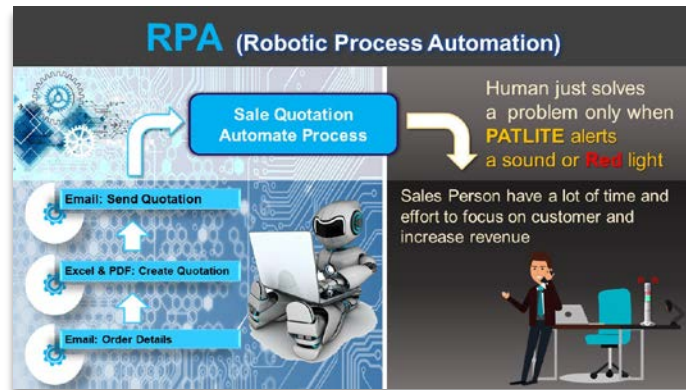
#### Shipment Management



Supervisor in office zone can be aware of any issues occur during pickup process by the signal light and sound of **PATLITE**

1. The signal is sent from the LA6-POE, located on the equipment to indicate the status.
2. LA6-POE devices located in remote offices mirror or reflect the status of LA6-POE in the factory.

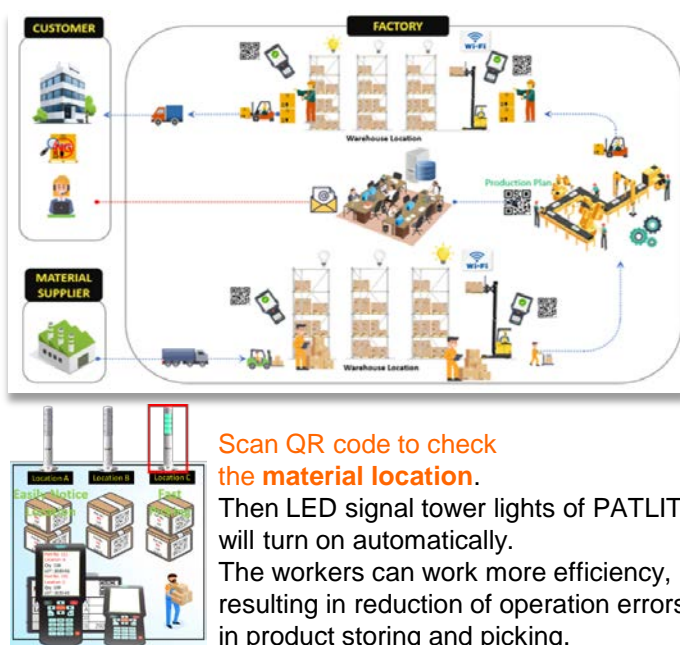
#### RPA Monitoring



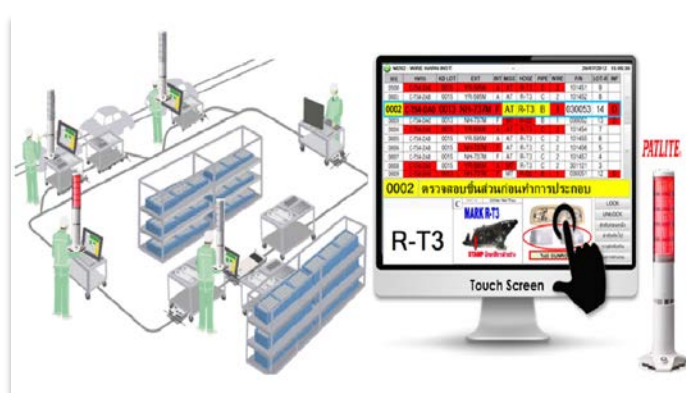
Example of RPA Monitoring in "Quotation process"

1. During RPA process, the signal is sent from RPA system to LA6 POE with our developed library.
2. LA6 POE devices can display statuses of RPA process e.g. in progress, failure, success.

#### Warehouse & Traceability



#### Production Notification



Example of Production Notification in "Assembly process"

Support the Assembly Process Monitoring by displaying parts images and warning message including IOT device (LED signal tower) for worker to pick up assembly parts in production line correctly.