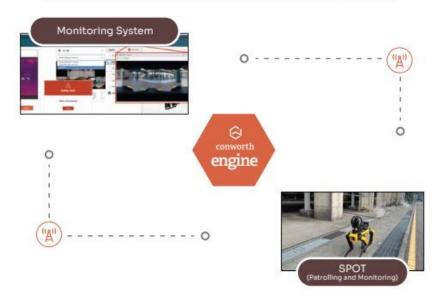
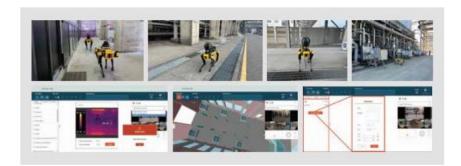
# **R-EAGLE**

### Asset Management Solution through Robot and IoT Monitoring

A 3D asset management solution employs an autonomous robot integrated with various IoT sensors, enabling functions such as gas leak detection, gauge reading, and hazard monitoring. All these tasks are performed within a 3D location-based system.





# **FEATURES AND PACKAGING**

Basic • Optional

## Hardware (Robot)

### Cameras / Sensors

# Software System

- SPOT
  (Quadrupedal Walking Robot)
- Sensor Set Module
- R-Eagle (Operational/Control Software)

- SPOT Controller
- IR/PTZ/360° Camera
- Server Option
  (On-premise, standalone, IDC, Cloud)

- Etc. (Battery, Charger, EAP)
  - Gas Detection Sensor
- SPOT Charging Shelter



Generating a 3D Models for Sites



System/Server Setup



Site Preparation (SPOT charging shelter)



Robot Path System Setup



Autonomous Monitoring Scenario Setting



Real-time Monitoring/Reporting

