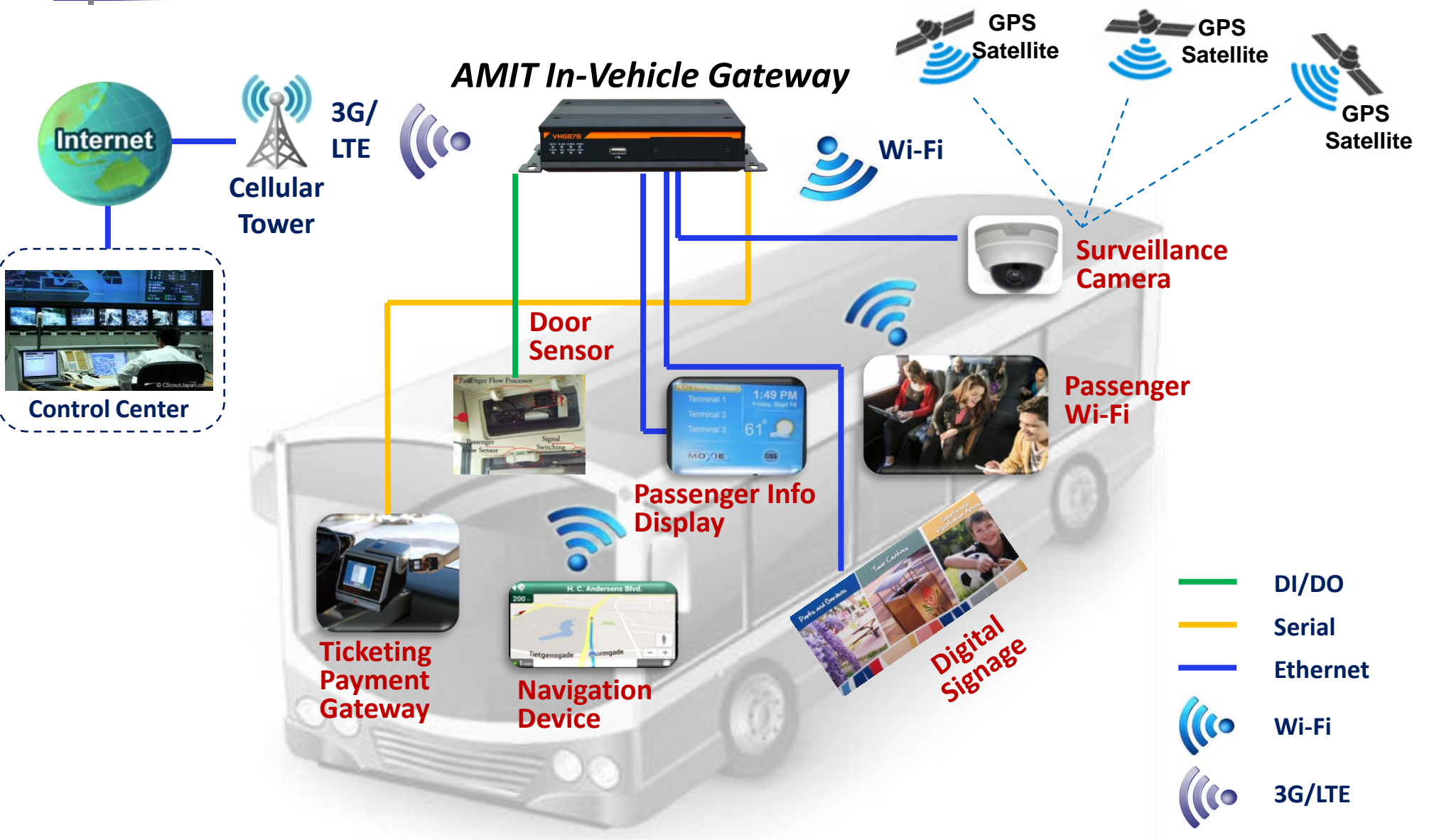


AMIT Gateway for In-Vehicle Networking



Case Study



Enabling Wireless M2M – IoT

Advance Multimedia Internet Technology Incorporation

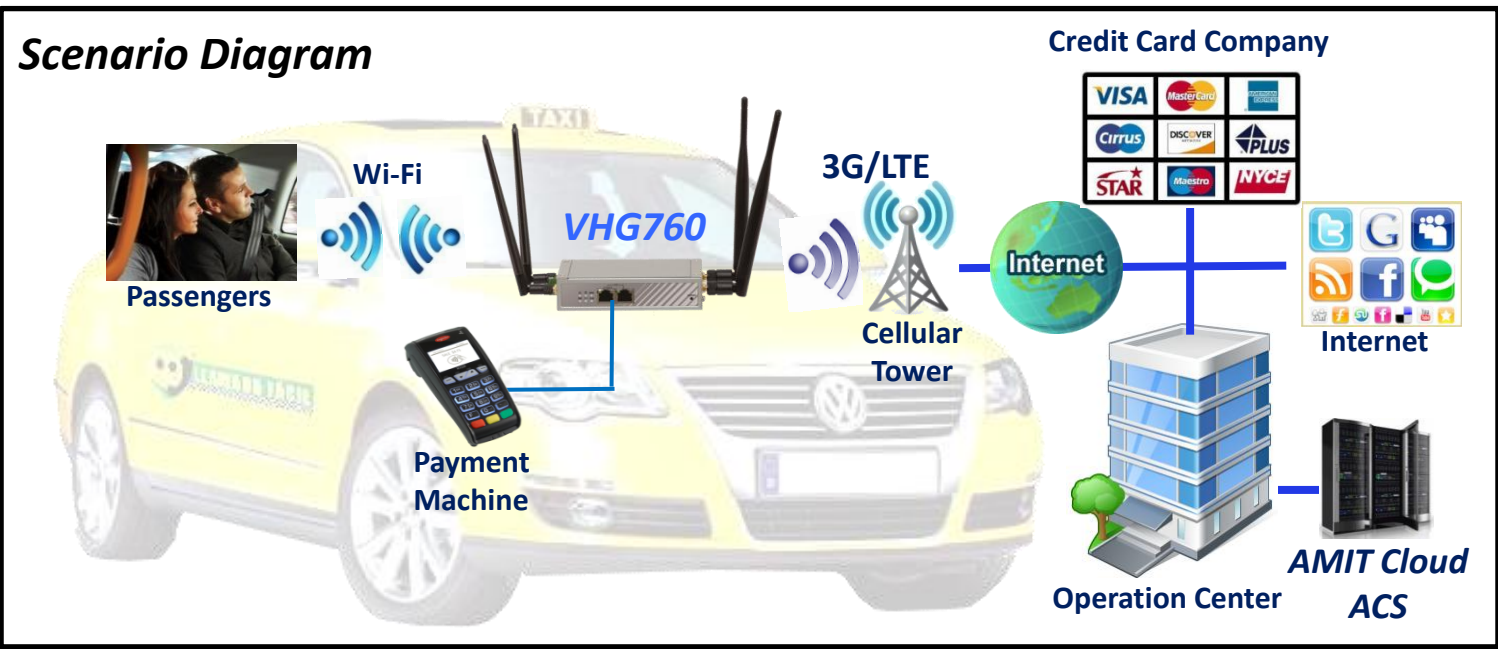
TRANSPORTATION PROJECT

LTE WiFi Hotspot

Taxi



Scenario Diagram



Project Summary

- **What:** Provide Internet access to riders aboard through Wi-Fi and support real-time payment
- **How:** Install AMIT in-vehicle LTE hotspot gateway on taxi and managed by AMIT Cloud ACS

Reliable 3G/LTE Uplink

300M Wi-Fi Hotspot

Quality-of-Service

Rugged Design

Remote Management

AMIT Product






In-Vehicle Hotspot Gateway



VHG760
-0T20001

- 1* Dual-SIM LTE
- 2*FE, 11n 2T2R Wi-Fi
- 1*optional GPS
- Bracket / DIN-Rail Mount
- DC 9~36V, -20°C ~ 60°C

Main Features

				
Cellular	Wi-Fi	QoS & BWM	Cloud ACS	Rugged Design

TRANSPORTATION PROJECT

LTE WiFi Hotspot

E-Bus



Project Summary

- **What:** Provide Internet access to riders aboard through Wi-Fi
- **How:** Install AMIT in-vehicle LTE hotspot gateway on bus and managed by AMIT Cloud ACS

Solution Benefits

Reliable 3G/LTE Uplink

300M Wi-Fi Hotspot

Quality-of-Service

Rugged Design

Remote Management

AMIT Product

In-Vehicle Hotspot Gateway



VHG87B
-0TB0W0A

- 1* Dual-SIM LTE
- 3*GE, AC1200 2T2R WiFi
- Con-current GNSS
- Bracket Mounting Kit
- DC 9~36V, -30°C ~ 70°C

Scenario Diagram



Main Features



Cellular



Wi-Fi



QoS
&BWM



Cloud ACS



Rugged
Design

CITY BUS PROJECT WiFi Connectivity & LTE Wi-Fi Hotspot E-Bus



Project Summary

- **What:** Provide high power 5GHz Wi-Fi uplink connectivity to DVR. Provide Internet access to riders aboard through Wi-Fi
- **How:** Install AMIT in-vehicle LTE hotspot gateway on bus and managed by AMIT Cloud ACS

Solution Benefits

Reliable 3G/LTE Uplink

5GHz High Power
11ac WiFi Uplink

300M WiFi Hotspot

Ignition Sense
w/ Delay OFF

Remote Management

AMIT Product

In-Vehicle Hotspot Gateway



- 1* Dual-SIM LTE
- 3*GE, AC1200 2T2R WiFi
- Con-current GNSS
- Bracket Mounting Kit
- DC 9~36V, -30°C ~ 70°C

VH87B
-0TB0W0A

Scenario Diagram



Main Features



Cellular



High Power
WiFi



QoS
& BWM



Cloud ACS



Rugged
Design

COLD-CHAIN PROJECT

Cellular Connectivity & Fleet Mgmt. & LBS

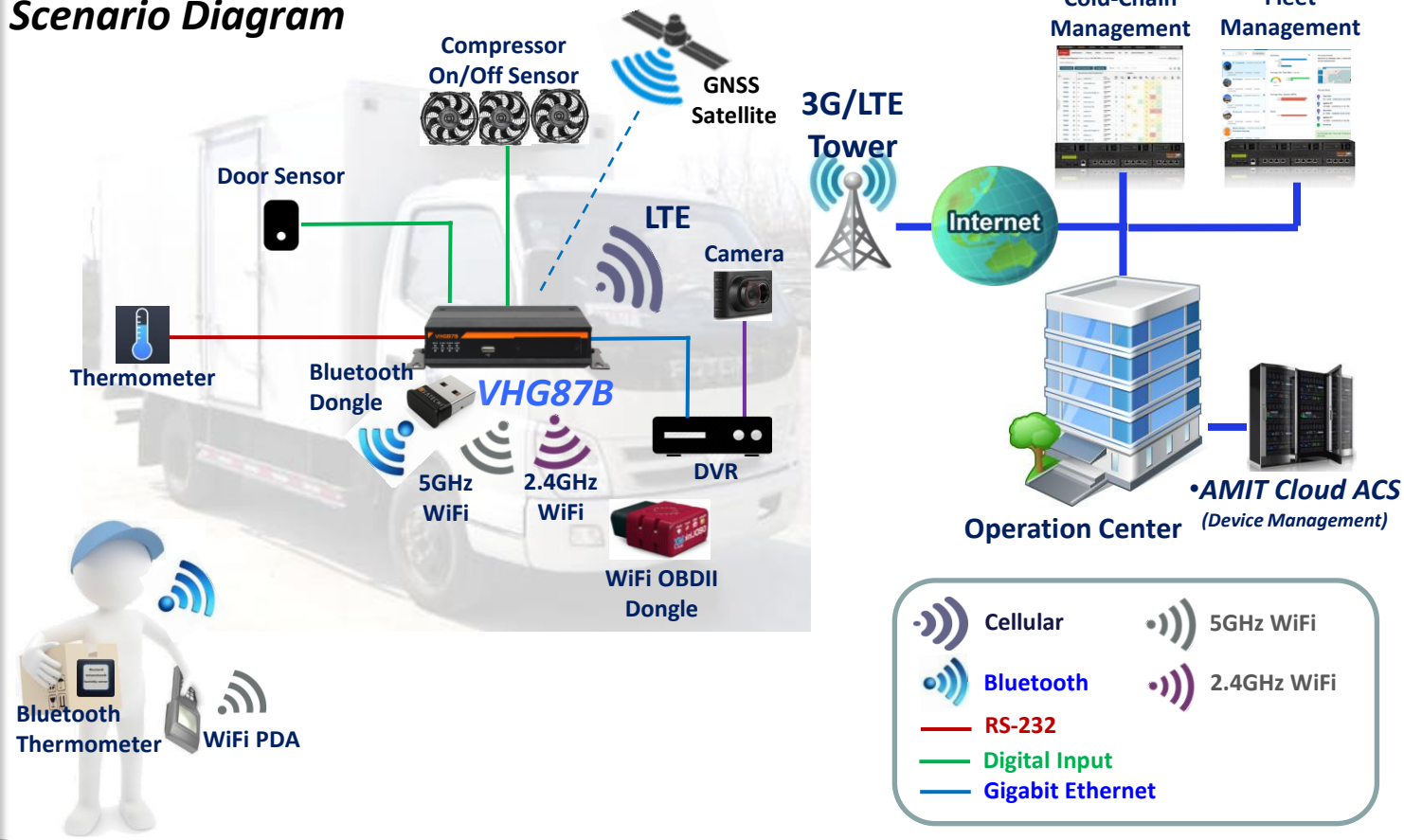
Truck Cargo



Project Summary

- **What:** Collect temperature data of foods and send to back-end server thru LTE network. Send vehicle status and location to fleet server in real time.
- **How:** Install AMIT in-vehicle LTE gateway on truck and managed by AMIT Cloud ACS

Scenario Diagram



Solution Benefits

Reliable 3G/LTE Uplink

Concurrent 2.4GHz & 5GHz High Speed WiFi

Multiple GNSS Receivers

Ignition Sense w/ Delay OFF

Remote Management

AMIT Product

In-Vehicle Hotspot Gateway



**VHG87B
-0TB0W0A**

- 1* Dual-SIM LTE
- 3*GE, AC1200 2T2R WiFi
- Con-current GNSS
- Bracket Mounting Kit
- DC 9~36V, -30°C ~ 70°C

MARINE PROJECT

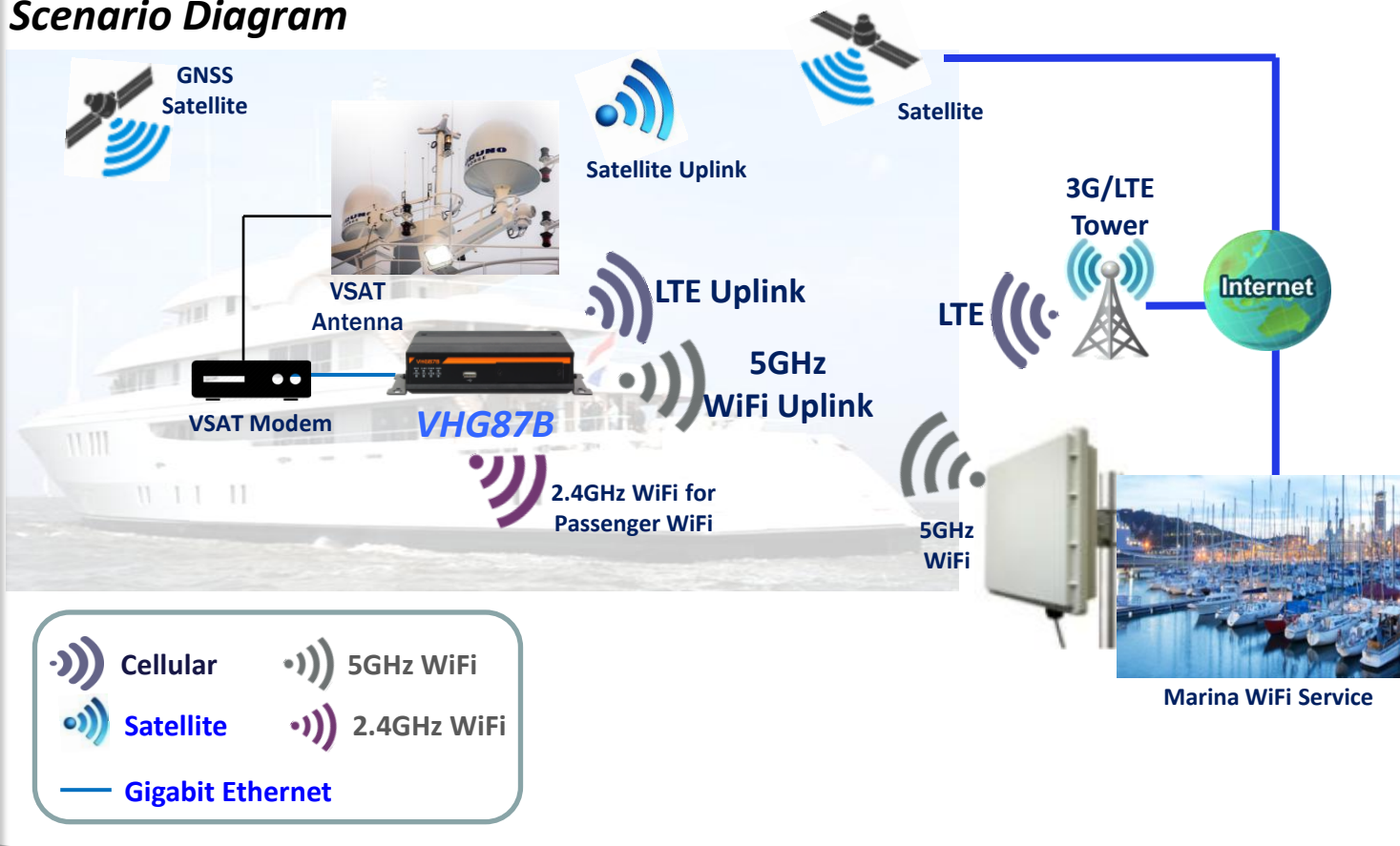
Cellular, VSAT, & WiFi Connectivity & LTE Wi-Fi Hotspot Yacht



Project Summary

- **What:** Support VSAT, LTE and WiFi uplink with load balance or failover policy, and provide WiFi service for passengers on boat
- **How:** Install AMIT gateway on boat, and work with VSAT modem. Managed by AMIT Cloud ACS

Scenario Diagram



Solution Benefits

Switchable VSAT, WiFi,
& 3G/LTE Uplink

Uplink Policy for Load
Balance or Failover

Concurrent 2.4GHz &
5GHz High Speed WiFi

Multiple GNSS Receivers

Remote Management

AMIT Product

In-Vehicle Hotspot Gateway



- 1* Dual-SIM LTE
- 3*GE, AC1200 2T2R WiFi
- Con-current GNSS
- Bracket Mounting Kit
- DC 9~36V, -30°C ~ 70°C

VHG87B
-0TB0W0A

