

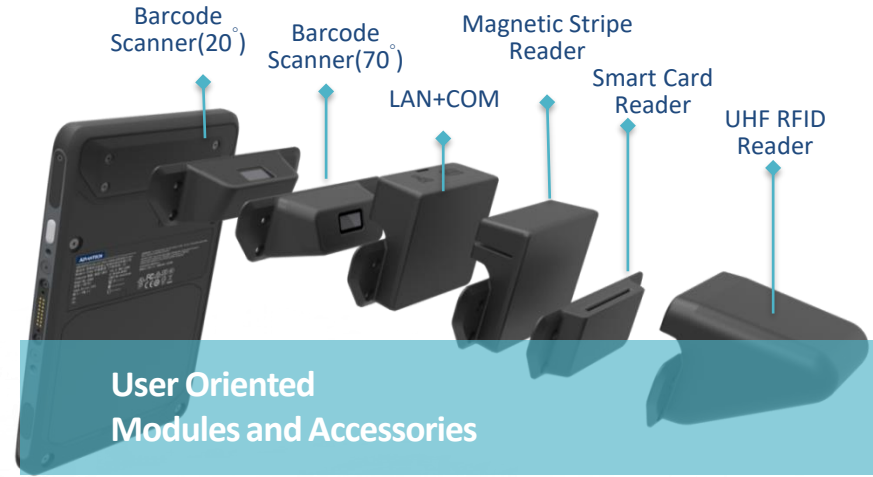
# AIM-65

## Product Introduction

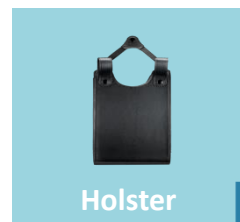
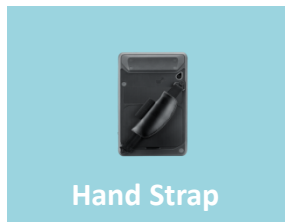
Q4 2019



# AIM-65 Features Overview



## User Oriented Modules and Accessories





# AIM-65 Appearance



# AIM-65 Product Specifications

	AIM-65AT
<b>CPU</b>	Intel Atom x5-Z8350 QC, 1.44GHz, 2M Cache
<b>OS</b>	Windows 10 IoT Enterprise, Android 6.0
<b>Memory</b>	2GB/ 4GB
<b>Storage</b>	32GB/ 64GB
<b>Display</b>	8" 1200x1920, IPS, 400 nits
<b>Touch Panel</b>	PCAP Multiple Touch, GG3
<b>Wireless</b>	<ol style="list-style-type: none"> <li>WiFi 802.11 b/g/n, BT 4.0</li> <li>WiFi 802.11 ac/b/g/n/ac, BT 4.2</li> <li>LTE (Optional)</li> </ol>
<b>Camera</b>	Front : 2M, Rear:5M
<b>Sensors</b>	G-sensor + Gyro sensor + E-compass, Light sensor
<b>Integration</b>	<ul style="list-style-type: none"> <li>x1 Digital MIC</li> <li>x1 1Watt SPK</li> <li>x1 Audio combo Jack</li> <li>x1 Micro HDMI</li> <li>x1 Micro-SIM + Micro-SD (Double Tray)</li> </ul>
<b>Buttons</b>	<ul style="list-style-type: none"> <li>x1 Power Button</li> <li>x2 Volume Key</li> <li>x1 Programmable Key (default as BCR trigger key)</li> </ul>



# AIM-65 Product Specifications

	AIM-65AT
<b>IO</b>	x1 Micro USB Connector: USB2.0 (Charger) x1 16-pin POGO connector: USB3.0 + Power (Dock Extension) x1 14-pin POGO connector: USB2.0 + Power (IO Extension)
<b>Battery</b>	Swappable Battery with Battery meter. 3.8V, 18.6Watt, Battery life: 6 ~ 8hrs
<b>Dimension</b>	142 x 240 x 14.5mm
<b>Weight</b>	600g
<b>Operation Temperature</b>	-10 °C to +50 °C
<b>Storage Temperature</b>	-20 °C to +60 °C
<b>Drop</b>	Up to 4 ft. (120cm) onto concrete surface
<b>IP Rating</b>	IP65
<b>Safety/EMC</b>	UL/CB/LVD + Energy Star 6.1 , CE/FCC/IC/VCCI/RCM/CCC/BSMI
<b>Certifications</b>	RED,FCC,ID,IC,TELEC,NCC,SRRC,RCM,
<b>Others</b>	AT&T Certified. SOTI Certified



**AT&T**

**SOTI**<sup>®</sup>

# AIM Peripherals

AIM-65/AIM-68 AIM-65 AIM-68

## Extension Modules



Barcode Scanner(20°)



Barcode Scanner(70°)



RJ45+COM



UHF RFID Reader

## Accessories



Hand Strap



Shoulder Strap



Stylus



AIM-65 Adapter



AIM-65 Holster



AIM-65 Battery Pack



AIM-68 Adapter



AIM-68 Battery Pack

## Docking Stations



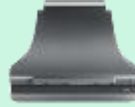
Multi Battery Charging Station



AIM-65 Vehicle Dock



AIM-65 Office Dock



AIM-65 VESA Dock



AIM-65 Multi Tablet Charging Station



AIM-68 Office Dock



AIM-68 VESA Dock



AIM-68 Vehicle Dock



Manufacturing



Logistics &  
Warehousing



Public Space

# APPLICATION SCENARIO



Government &  
Public Safety



Energy &  
Utilities



Field Service



# Factory Production Line

## A. Material Control System

Raw material and spare parts tracking with **barcode scanner**. MCS issues commands to the various storage and transport equipment and tracks the material within the system.

## D. Streamline manufacturing processes

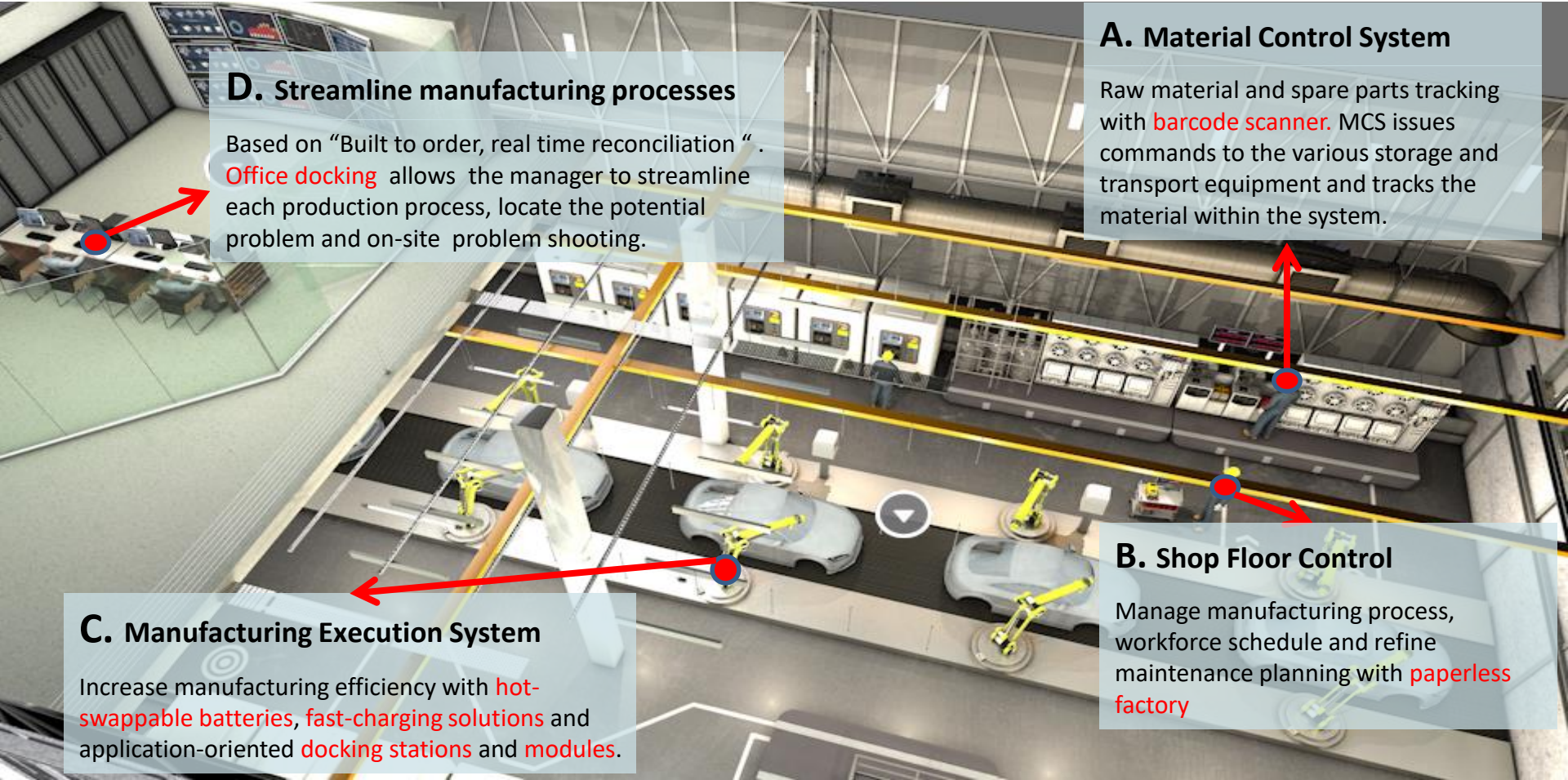
Based on “Built to order, real time reconciliation “. **Office docking** allows the manager to streamline each production process, locate the potential problem and on-site problem shooting.

## B. Shop Floor Control

Manage manufacturing process, workforce schedule and refine maintenance planning with **paperless factory**

## C. Manufacturing Execution System

Increase manufacturing efficiency with **hot-swappable batteries**, **fast-charging solutions** and application-oriented **docking stations** and **modules**.





# Warehouse Management

## A. Receiving & Put Away

Hand strap, shoulder strap and vehicle docking for forklift help workers efficiently and accurately complete their transactions in the put-away aisle.

## D. Shipping

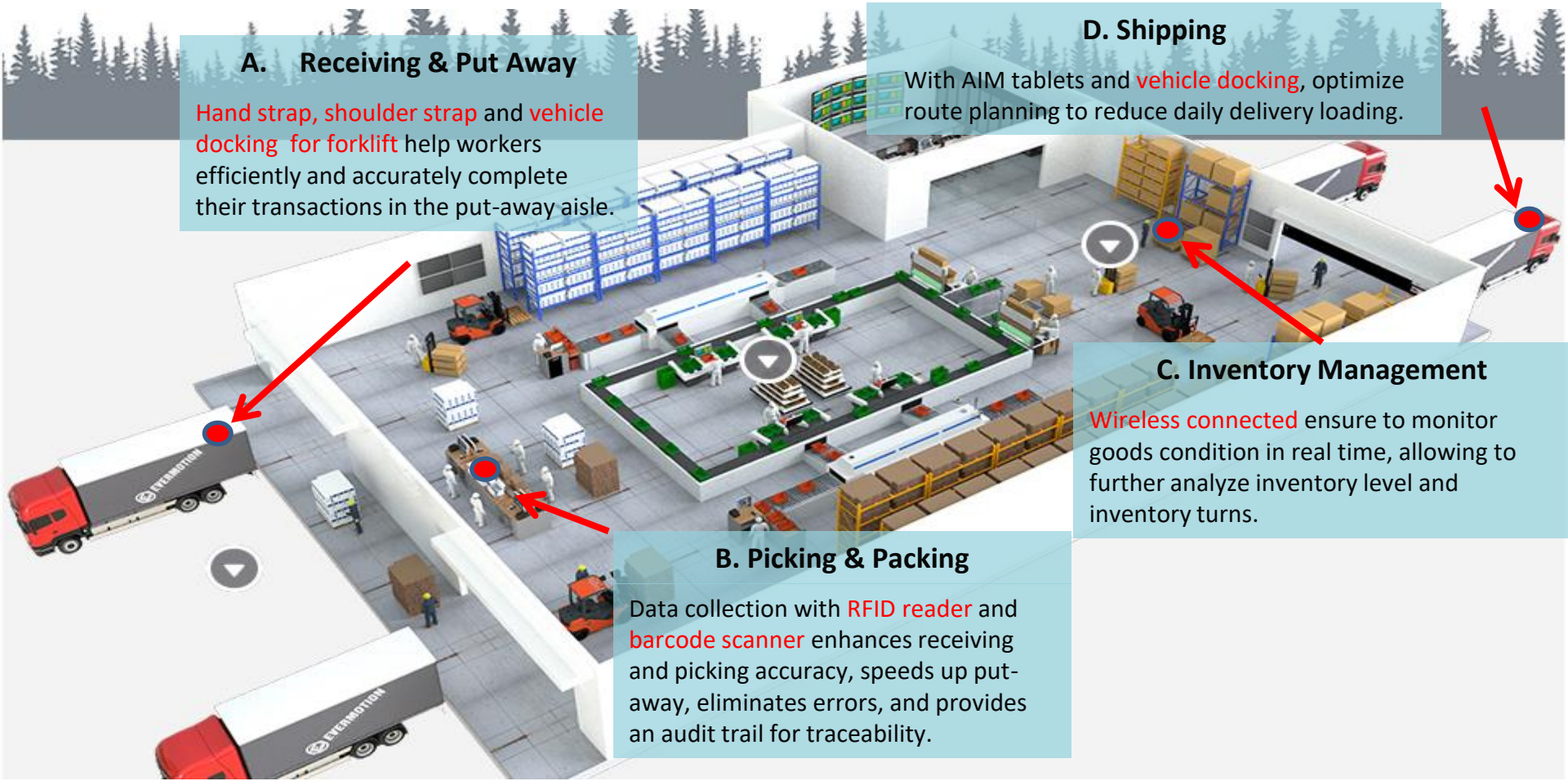
With AIM tablets and vehicle docking, optimize route planning to reduce daily delivery loading.

## C. Inventory Management

Wireless connected ensure to monitor goods condition in real time, allowing to further analyze inventory level and inventory turns.

## B. Picking & Packing

Data collection with RFID reader and barcode scanner enhances receiving and picking accuracy, speeds up put-away, eliminates errors, and provides an audit trail for traceability.



# Public Space

## C. Interactive Interface

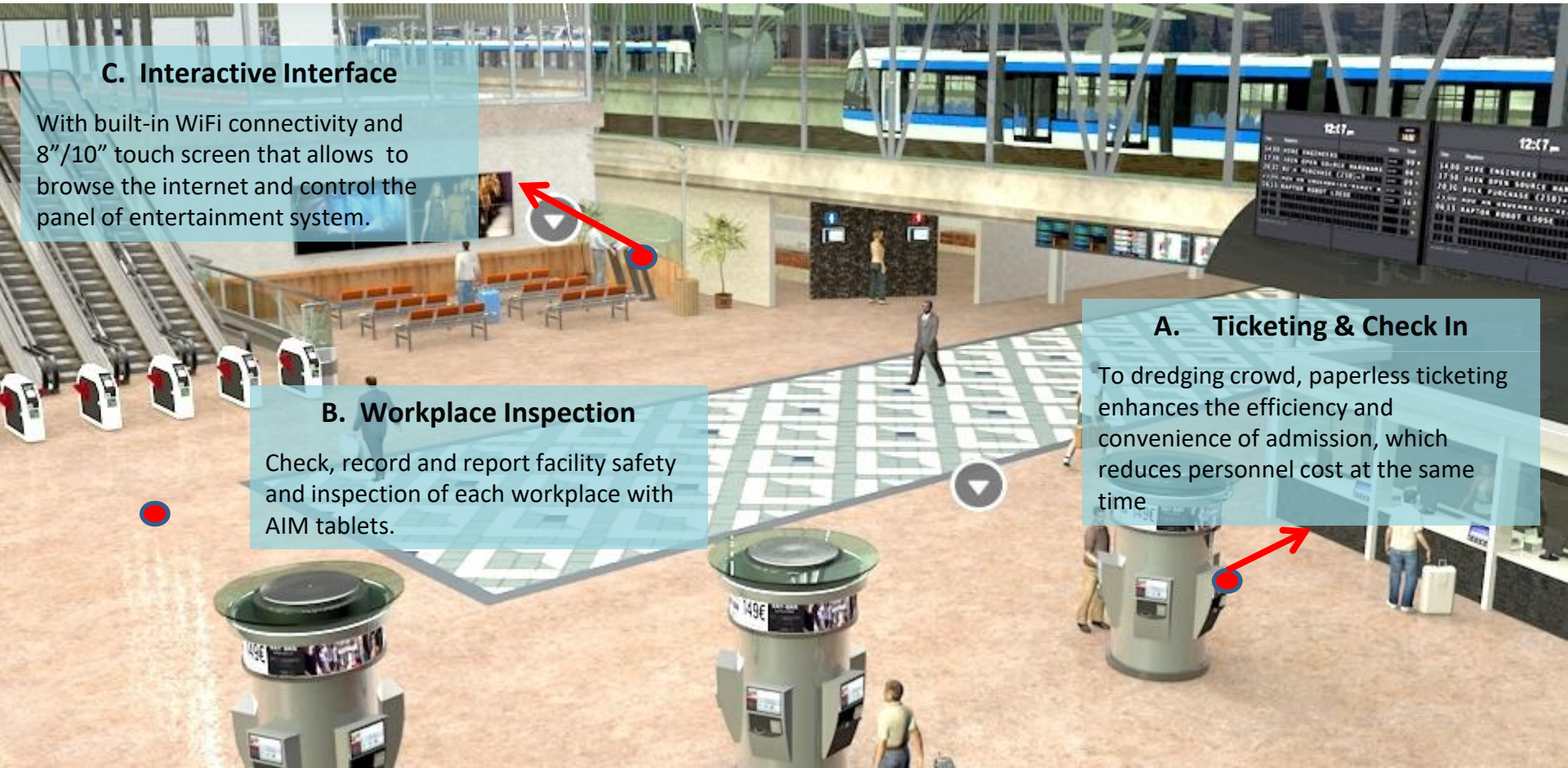
With built-in WiFi connectivity and 8"/10" touch screen that allows to browse the internet and control the panel of entertainment system.

## B. Workplace Inspection

Check, record and report facility safety and inspection of each workplace with AIM tablets.

## A. Ticketing & Check In

To dredging crowd, paperless ticketing enhances the efficiency and convenience of admission, which reduces personnel cost at the same time







# **CASE STUDY**

# Successful Case

Logistics

Manufacturing

Washing Machine Production Line

Region	Application / Solution	Product(s)
China	Washing Machine Production	AIM 65

# Haier



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## Winning Factors

- Scan product serial numbers to capture data of components as they pass through every station
- Pictures of the assembled components are also taken to enable error correction if necessary

## Customer Feedback

- AIM-65 serves as a hub that connects all components with back-end systems
- Enhance production line accuracy and efficiency
- Improve product quality assurance / Increase productivity

# Successful Case

Logistics

Vehicle Product Line

Manufacturing

Region

China

Application / Solution

Vehicle Product Line  
Warehouse Management

Product(s)

AIM-65



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## Winning Factors

- Apply tablets on each vehicle manufacturing working stations to eliminate personnel errors.
- Barcode scanner enhance warehouse efficiency.
- Paperless record allows to reduce management cost and to dispatch missions in real time.

## Customer Feedback

- Brand royalty is crucial to this collaboration, tablets and systems are stable and trusted.
- Local service from system configuration to accessories suggestion fulfill customer demand.



# Successful Case

Logistics

Semiconductor Package Product Line

Manufacturing

## Region

China

## Application / Solution

Semiconductor Package  
Product Line  
Warehouse Management

## Product(s)

AIM-68 + Barcode Scanner



### Winning Factors

- Apply tablets on each semiconductor package working stations to eliminate personnel errors.
- Barcode scanner enhance production / warehouse efficiency.
- Paperless record allows to reduce management cost and to dispatch missions in real time.

### Customer Feedback

- Brand royalty is crucial to this collaboration, tablets and systems are stable and trusted.
- Local service from system configuration to accessories suggestion fulfill customer demand.

# Successful Case

Logistics

Automotive Diagnostic

Manufacturing

Region

Japan

Application / Solution

Automotive Diagnostic  
Vehicle Health Checkup

Product(s)

AIM-65



## Winning Factors

- Rugged mechanical design suitable for car garage
- Lightweight design allows technician to carry for longer working hour
- Camera support QR code reading

## Customer Feedback

- AIM-65 can be used to provide mission-specific information to the firefighters (vehicle data regarding cables, airbag positions, battery, fuel tank) or maps of buildings (ex. Hotel maps), saving further time and contributing to the mission's overall effectiveness
- Traceability of the inspection certificate and vehicle information with QR code

# Successful Case

Logistics

Factory Inspection

Manufacturing

Region	Application / Solution	Product(s)
Taiwan	Factory Inspection with SI FTC	AIM-65



## Winning Factors

- AIM-65 is equipped with NFC and is applied for people inspection
- Camera for real-time data capture
- User-friendly Android operating system
- Rugged system design, suitable for outdoor usage
- Lightweight design allows technician to carry for longer working hour

## Customer Feedback

- Real-time monitoring, image capturing and uploading to central system
- Minimizes manual transcription errors and miscommunication
- Paperless and error-free management

# Successful Case

Logistics

Manufacturing weight scale

Manufacturing

Region

Thailand

Application / Solution

Manufacturing weight scale

Product(s)

AIM-65



## Winning Factors

- Mobile weight scale kiosk for QC the goods
- Battery standby up to 4Hrs operating process

## Customer Feedback

- Reduce time to QC the goods
- Very useful after implement

# Successful Case

Logistics

Warehousing

Warehousing Management & ERP System

## Region

Thailand

## Application / Solution

Warehousing Management  
ERP System

## Product(s)

AIM-65



L'ORÉAL



### Winning Factors

- Light weight
- Multiple extensions for accessories
- Better after-sale service than Panasonic

### Customer Feedback

- They integrated AIM-65 with their ERP system. Barcode was applied to inventory check and order retrieving.



# Successful Case

Logistics

Working station panel

Warehousing

Region	Application / Solution	Product(s)
Thailand	Working station panel	AIM-65 W/2D



## Winning Factors

- AIM-65 could enhance paperless operations
- Mobile printing via Bluetooth printer

## Customer Feedback

- Real time data sending to server
- Very useful after implement

# Successful Case

**Logistics**  
Mining Vehicle

**Field Service**

## Region

Japan

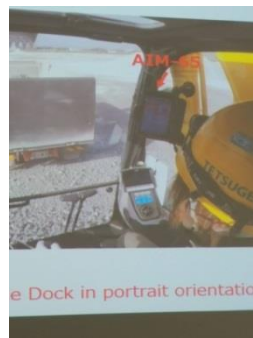
## Application / Solution

Intelligent control panel (rugged HMI) in hydraulic excavator / Mining Vehicle

## Product(s)

AIM-65 & Vehicle Dock

**KOMATSU**



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### Winning Factors

- Anti-vibration and support wide range of operating temperature (-10~50 degree)
- Used in vehicles with vehicle docking station or in factory side for welding monitor & weighing
- Acceptable small customization amount

### Customer Feedback

- Offer rugged tablets and good customization service of vehicle docking station
- The model has good value

# Successful Case

Logistics

Award Point Collection

Public Space

Region

Taiwan

<https://www.youtube.com/watch?v=6TudVL-L1jQ>

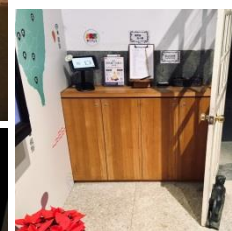
Application / Solution

Award Point Collection

Product(s)

AIM-65

 國家兩廳院  
National Theater & Concert Hall



## Winning Factors

- Comparatively consistent quality, a sturdy and durable frame, AIM-65 minimizes the manpower load of front-line staff
- Support a SIM card slot to maintain a stable WiFi connection.
- An NFC sensing function is required for the EasyCard and iPASS cards sensing functions.
- Screen size had to be suitable for simultaneous display of both the app's QR code and the NFC sensor interface on the token deposit screen.

## Customer Feedback

- Stable machine
- Brand awareness and technology domain knowhow

ADVANTECH

# Successful Case

Logistics

Fire Truck & Alarm System

Public Safety

## Region

Bavaria, Germany

<https://www.youtube.com/watch?v=DrejRFtX69w&feature=youtu.be>

## Application / Solution

Fire Truck

## Product(s)

AIM-65  
UTC-520



## Winning Factors

- IP65 certified, equipped with Intel processors, they support dual OS, and feature dual-cameras, as well as a multi-touch, Gorilla glass IPS full-HD screen.

## Customer Feedback

- AIM-65 can be used to provide mission-specific information to the firefighters (vehicle data regarding cables, airbag positions, battery, fuel tank) or maps of buildings (ex. Hotel maps), saving further time and contributing to the mission's overall effectiveness

*Go Together,  
We Go Far and Grow Big*

