



IOT DATA HACKATHON 2025



A Casebook of
Winning Solutions

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About

IOT Data Hackathon

As AI and data analytics become increasingly integral to businesses, mastering data application skills has become a critical asset for future talent. Building on the success of the 1st Edition, the IOT Data Hackathon 2025 brought together enterprises, tech talent, and academic elites to harness the power of IoT data to tackle real-world business challenges in the themes of **“Smart Business”** and **“Smart Living”**.

The Hackathon serves as a platform to provide participants with practical experience and learning, stimulating creativity through competition and fostering a deeper connection between data-driven thinking and business needs. It accelerates the growth of Hong Kong's tech ecosystem and also cultivates a new generation of talent to meet future opportunities and challenges.

IOT Data Hackathon 2025 attracted over **90 teams** from local tertiary institutions, start-ups, and business sectors. After a rigorous screening process, 24 outstanding teams, 12 from the Student Stream and 12 from the Professional Stream, advanced to the final round presenting their proposals to a panel of **12 distinguished judges**. Throughout their hackathon journey, participants benefited from the dedicated support of **24 industry mentors**, who offered expert guidance and mentorship across various fields.



A total of **12 awards** were presented to **9 outstanding teams** across the Student and Professional Streams, recognizing their exceptional ability to merge data applications with creative problem-solving. These teams developed diverse proposals to real-world corporate challenges. By connecting young talent directly with industry pain points, this Hackathon fuels Hong Kong's digital transformation and drives momentum for the city's innovation journey.



Champion & Innovator of Secure by Design

VisionBridge

StockPulse All-in-one Web-based AI Integrated Platform



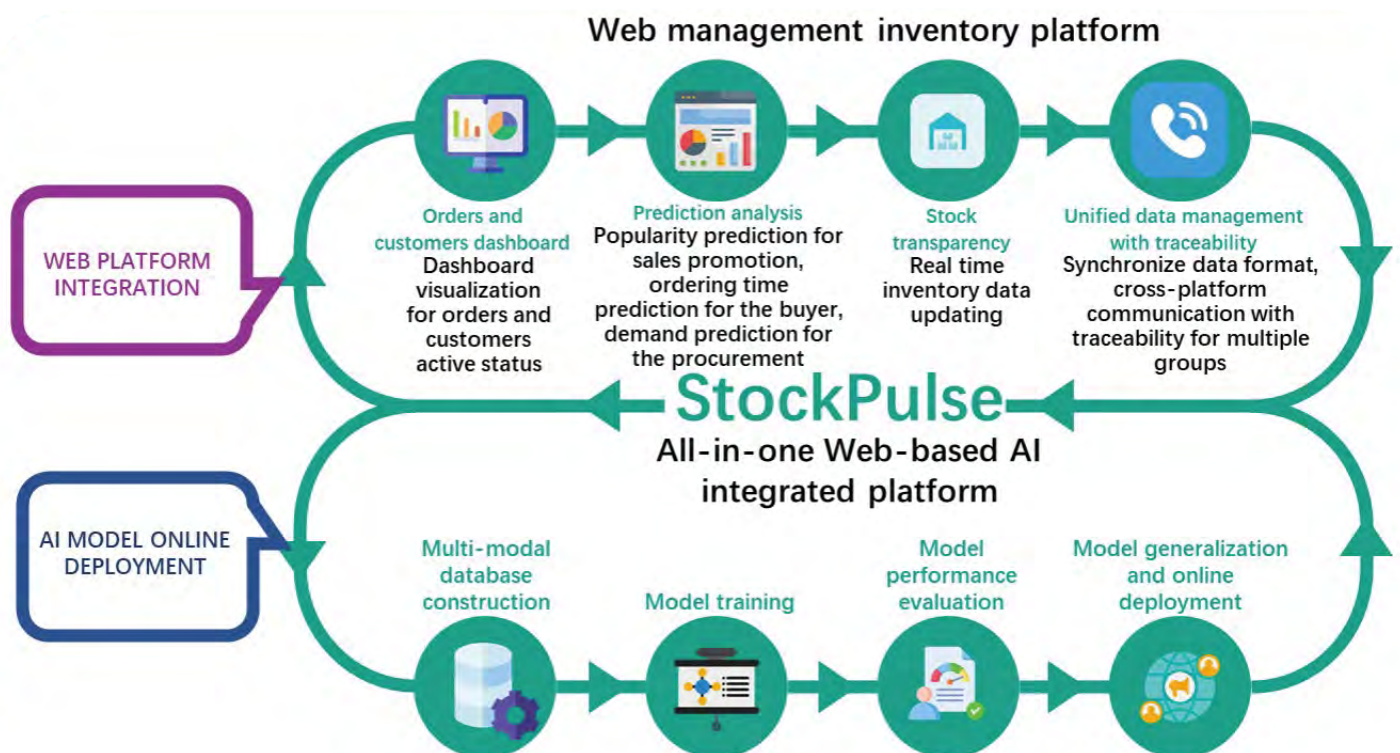
THE CHALLENGE

AS Watson Industries Limited is facing several challenges, including:

1. **Manufacturing issues:** unpredictable production lead times, overseas shipment delays
2. **Forecast inaccuracy:** lack of analytical tools
3. **Warehouse constraints:** insufficient space and the absence of real-time inventory data
4. **Poor data management:** inconsistent formats across teams



THE PROPOSAL





BENEFITS & IMPACT

This solution boosts sales by preventing stockouts and improving customer satisfaction. It streamlines promotions and demand forecasting, enabling smarter planning through AI tools. With unified data and traceable task assignment, teams collaborate better for data-driven decisions. By optimising stock levels, it cuts costs while increasing revenue.

StockPulse: Driving ESG excellence

SUSTAINABLE DEVELOPMENT GOALS

Increased Sales:

- Fewer stockouts improve customer satisfaction and loyalty.

Empowered Teams:

- AI tools simplify promotional planning and improve team productivity.



Transparent record management:

- Task assignment with transparent traceability for records

Enhanced Agility:

- AI predicts seasonal and promotional demand, enabling proactive planning.

Data-Driven Decisions:

- Unified data fosters collaboration and smarter strategies.



Cost Savings:

- Reducing overstock and stockouts lowers costs and boosts revenue.



THE FUTURE

Moving forward, the solution will incorporate prescriptive analytics to automate complex decision-making processes while expanding global scalability to support multi-region operations. It will also integrate advanced AI agent models to generate new business insights and strategies, ensuring continuous adaptation to emerging trends and disruptions through AI-driven learning. Additionally, sustainability will be prioritised by optimising operations to reduce waste and emissions. To enhance customer personalisation, AI-powered insights will be used to tailor recommendations and experiences.

1st Runner Up & IoT Sustainability Innovative Award

Team Zero

PropTechX Platform



THE CHALLENGE

Hong Kong's commercial buildings face critical challenges due to ageing infrastructure.

1. High energy consumption: 62% of buildings are over 30 years old with outdated systems, leading to excessive electricity use.
2. Rising costs: Frequent equipment breakdowns drive up operational expenses.
3. ESG compliance: Hong Kong's Climate Action Plan 2050 mandates a 20% reduction in energy consumption by 2035.
4. Labour shortages: Staff lack the expertise to implement modern solutions.



THE PROPOSAL

PropTechX, an integrated IoT and AI-driven platform, to modernise property management through three core solutions.

1. **SmartSave:** It uses AI-powered energy audits and real-time sensor data (e.g., temperature, occupancy) to optimise HVAC, lighting, and lift operations.
2. **PredictiveCare:** It predicts equipment failures (e.g., HVAC, water leaks) and schedules maintenance, cutting downtime by 25%.
3. **TechForAll:** A user-friendly interface with multilingual support and automated task prioritisation, enabling non-tech-savvy staff to manage buildings efficiently.



Recommendations

Implement Smart HVAC Controls

Install programmable controls that adjust cooling based on actual equipment heat load rather than maintaining a constant temperature. Your current average (22.7°C) is slightly below optimal (23°C), indicating potential for efficiency gains.

HIGH IMPACT

Est. Savings: 15.3%

Upgrade to Energy-Efficient Lighting

Replace existing lighting with LED fixtures equipped with occupancy sensors. This reduces direct electricity consumption and decreases heat generation, lowering cooling requirements in the electrical room.

MEDIUM IMPACT

Est. Savings: 7.8%

Optimize Equipment Power Management

Configure non-critical electrical equipment to utilize power-saving modes during periods of low demand. This reduces both direct energy consumption and heat output that requires additional cooling energy.

MEDIUM IMPACT

Est. Savings: 9.4%

Improve Airflow Management

Reorganize equipment layout and install directed ventilation to improve air circulation. Better airflow prevents hot spots and allows for more efficient cooling with less energy input, maintaining the stable 50.0% humidity level.

MEDIUM IMPACT

Est. Savings: 6.5%

Implement Real-Time Energy Monitoring

Deploy an energy monitoring system that provides granular consumption data for specific equipment. This enables identification of inefficiencies and verification of the effectiveness of other energy-saving measures.

HIGH IMPACT

Est. Savings: 11.7%

Predictive Care

Last updated: 3:09:07 PM

HVAC System Risk



Lift System Risk



Water Leak Risk



Active Alerts

Type	Location	Severity	Time	Status	Suggested Action
Water Leak	Building A, Floor 3, Main Pipeline	Critical	25m ago	New	Immediate inspection & contact maintenance team
HVAC Failure	Building B, Unit 204, Compressor	High	2h ago	In Progress	Urgent maintenance required within 24h
Lift Overheating	Building A, Elevator 2, Motor	Medium	4h ago	Acknowledged	Schedule inspection within 72h
HVAC Performance	Building A, Floor 2, Unit 201	Medium	8h ago	Scheduled	Schedule inspection within 72h
Water Leak	Building C, Floor 1, Bathroom	Low	6h ago	Resolved	Regular checks at next maintenance cycle

Showing 5 alerts

Building Status Easy Mode

A A A English

Current Building Status

Temperature 24.3°C Normal Range: 18-26°C	Humidity 60% Normal Range: 40-60%	Water Pressure 59 PSI Normal Range: 40-80 PSI	Leak Status ALERT Location: 3rd Floor, Unit 304
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Today's Routine Tasks

Done	Task	Location	Deadline	Priority
<input type="checkbox"/>	Turn off AC in Meeting Room B Room is empty and AC has been running for 2 hours	2nd Floor	11:30 AM 45 min left	Medium
<input type="checkbox"/>	Lock Rear Entrance Building closing time requires all secondary entrances to be secured	Ground Floor	8:00 PM 9 hrs left	Low
<input type="checkbox"/>	Deactivate Elevator 2 Schedule maintenance - redirect residents to Elevator 1	Basement	12:00 PM 1 hr 15 min left	Medium
<input type="checkbox"/>	Check Fire Extinguishers Monthly inspection - verify pressure gauges and tags	All Floors	2:00 PM 3 hrs 15 min left	High

View All Tasks

Emergency Contact: Building Manager (John) - 6583 1983



BENEFITS & IMPACT

PropTechX delivers transformative value across financial, environmental, and operational dimensions. The platform drives **20% energy savings** (e.g., HK\$3.65M/year for 10,000m² buildings) and **40% lower maintenance costs** through PredictiveCare, projecting a **40% operational cost reduction** by 2030. It ensures ESG compliance with Hong Kong's 2035 carbon targets while boosting efficiency through 30% fewer manual inspections via AI. The solution promotes social equity by enabling ageing staff with intuitive tools, bridging the tech skills gap.



THE FUTURE

The next proposal will include optimised PredictiveCare AI using Hong Kong building data and a minimum viable product for 10-20 building pilot testing. Meanwhile, the cloud-based AI model beta will launch in 2026, migrating analytics to a secure cloud platform. This will enable property managers to upload anonymised operational data (including energy logs and maintenance records) to improve model accuracy, while implementing federated learning to enhance predictive capabilities without compromising data privacy.

2nd Runner Up

TOI

Unit's Forecaster and EcoMetrics



THE CHALLENGE

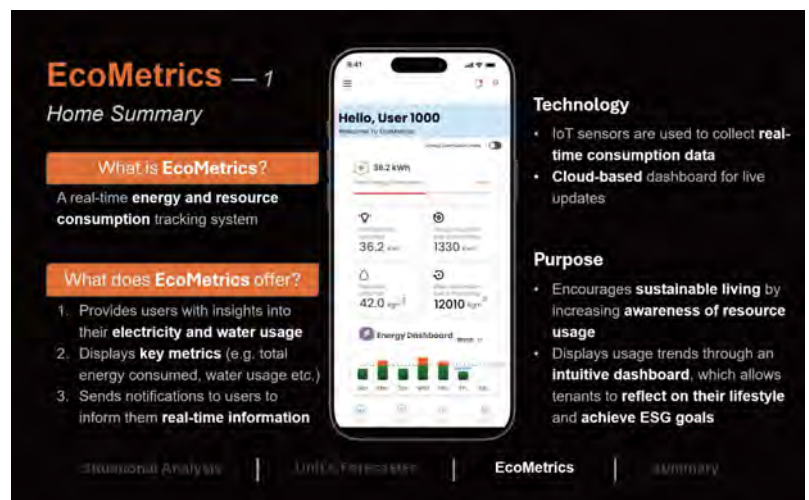
Property managers often contend with an overwhelming volume of data, which can obscure the individual conditions of residential units. This lack of clarity not only hampers effective managerial decision-making but also diminishes tenant engagement. The lack of access to information regarding their living environments results in uninformed decisions about ESG, energy use and maintenance needs.



THE PROPOSAL

Unit's Forecaster: By integrating real-time sensors and analytics, this system continuously monitors equipment conditions within individual units. It forecasts potential failures with cost estimates, compares performance across units, and recommends follow-up actions.

EcoMetrics: This real-time resource monitoring system allows tenants to track electricity and water consumption via an intuitive digital dashboard with energy optimisation features. Its gamified Social Credit System rewards tenants for completing energy-saving challenges.

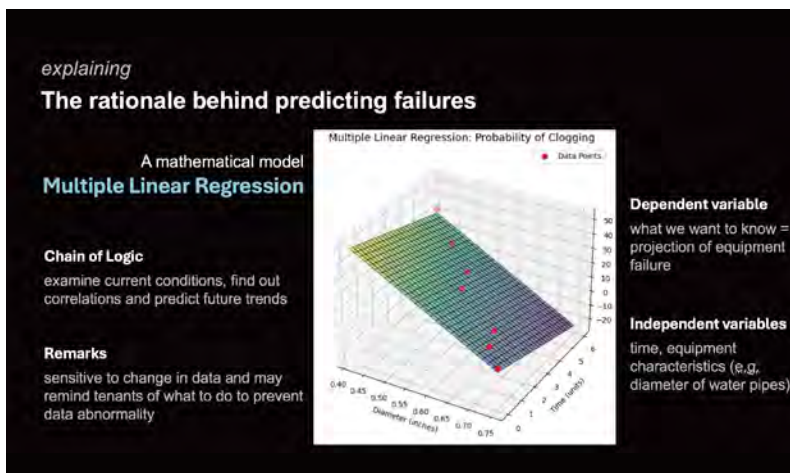


BENEFITS & IMPACT

Property Management: reduced maintenance workloads and lower operational costs through granular, data-driven decision-making.

Tenants: Unit's Forecaster: provides clear metrics on unit performance, quantifying critical data for visibility. By visualising the environmental impact of daily activities, tenants naturally adopt more responsible energy practices.

EcoMetrics transforms conservation into rewarding experiences, incentivising eco-conscious actions that collectively reduce the property's carbon footprint.



THE FUTURE

The next phase will focus on comprehensive data collection to establish parameters and capture seasonal performance metrics, while simultaneously gathering tenant feedback to optimise comfort features. Building on these insights, the solution will systematically address diverse building and occupant requirements through continuous refinement. Ultimately establishing a transparent property management system that drives progress toward sustainable urban living.

2nd Runner Up

屯門牛牛

Enhancing Healthcare with Smart Tracking and Analytics



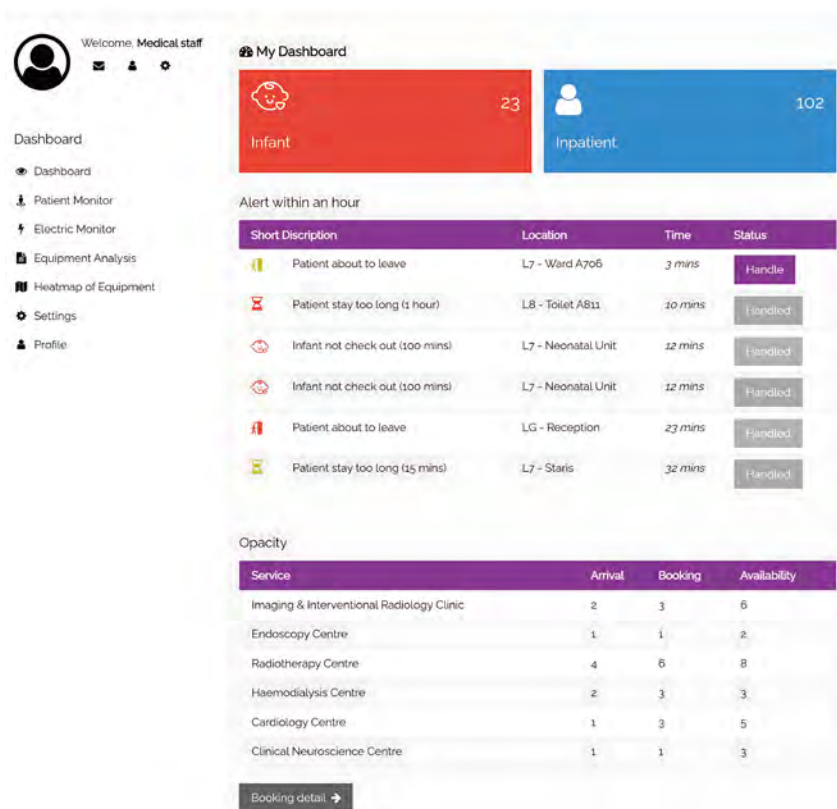
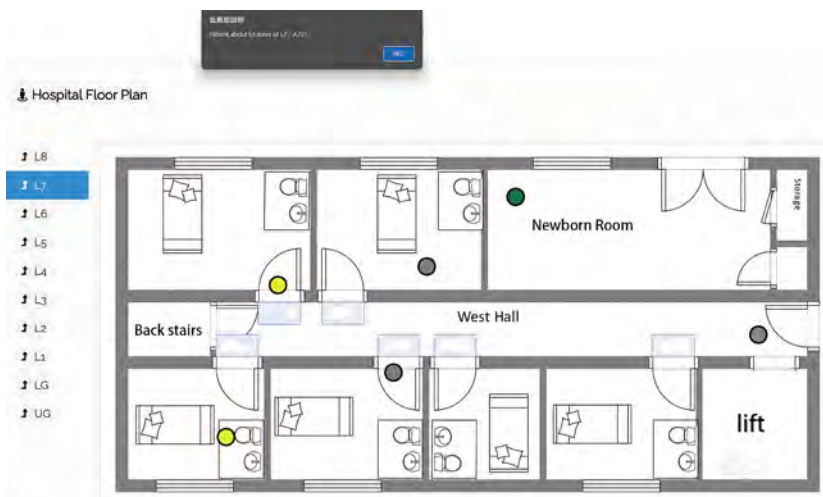
THE CHALLENGE

Existing infrastructures are not able to effectively:

- 1) monitor patient movement patterns
- 2) Analyse usage trends of portable medical equipment

This leads to operational inefficiencies including:

- 1) Underutilised critical resources
- 2) Avoidable delays in patient care



THE PROPOSAL

The solution integrates:

- 1) **Predictive analytics: Long Short-Term Memory (LSTM)** networks forecast patient movement patterns and **Recurrent Neural Networks (RNNs)** optimise equipment usage via time-series analysis.
- 2) **IoT asset tracking:** continuous real-time monitoring of resource allocation
- 3) **Secure Data Processing:** AI models are embedded locally to eliminate third-party cloud dependencies.



BENEFITS & IMPACT

The solution delivers multidimensional value by **enhancing operational efficiency through optimised resource allocation** and **reduced**

equipment downtime. By providing equipment monitoring and predictive insights, it ensures critical resources are available precisely when required and drives measurable productivity improvements. This enhances patient care and ESG performance via secure data handling and energy savings.



THE FUTURE

The solution will integrate historical patient records with external datasets (including influenza trends), using machine learning to accurately predict seasonal admission surges. This allows hospitals to optimise staffing and resource allocation. It will also support future expansions such as wearable devices integration.

Champion

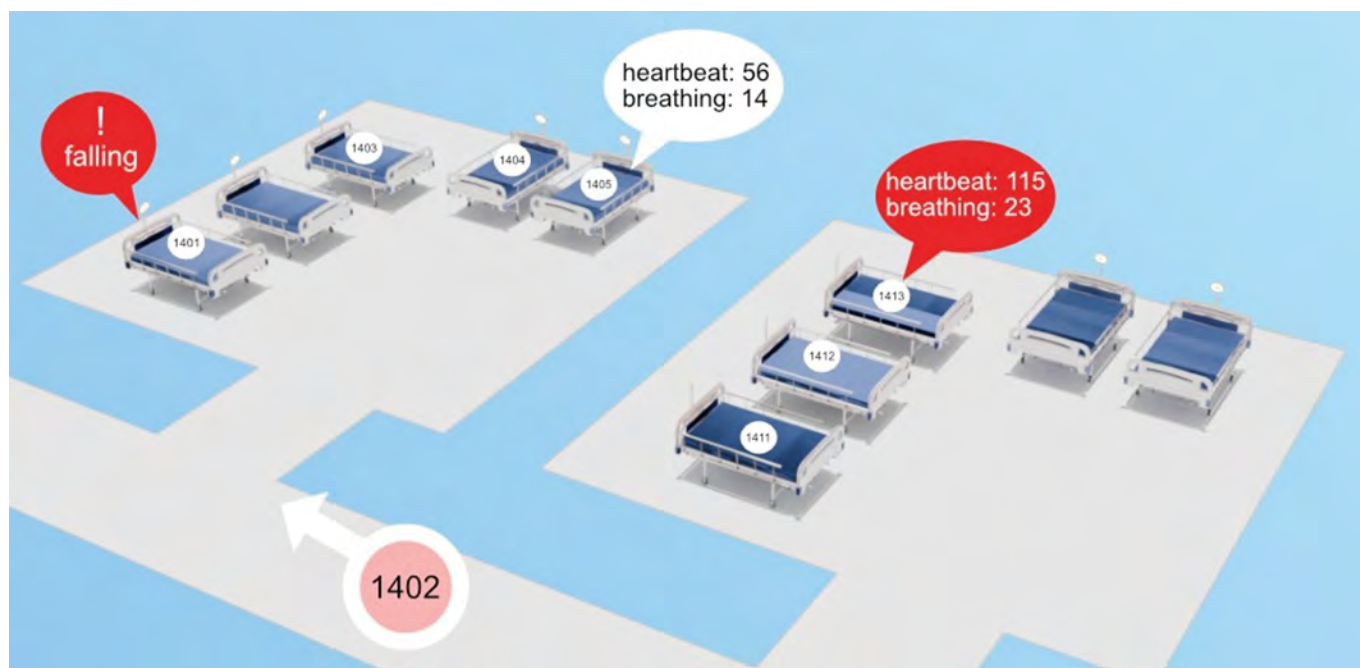
TriTerra Technology Limited

The IoT Data Platform for a Smart Hospital



THE CHALLENGE

As one of Hong Kong's most advanced healthcare institutions, CUHK Medical Centre delivers premium medical services. The hospital is currently implementing a Real-Time Locating System (RTLS) combining: Ultra-Wideband (UWB), RFID, wearable devices (smart wristbands and UWB tags). However, the current system only provides basic location tracking that compromise both patient care quality and operational efficiency.



THE PROPOSAL

CUHK Medical Centre has already implemented several smart solutions:

1. Check In & Out information
2. Patient Location Tracking
3. Staff Location Tracking
4. Equipment Location Tracking
5. Income and Expense Record

Through comprehensive analysis of key datasets (IoT UWB, baby tracking and patient tracking data), the proposed solution will develop an IoT data platform featuring the following smart elements (#6-#10), designed for seamless integration with the hospital's existing systems:

6. Service Situation ("WWW" on service, waiting list, service rate)
7. Patient Situation (healthiness)
8. Equipment Situation (readiness, quality)
9. Emergency Alert
10. Automation

Smart Element #6

Service Situation ("WWW" on service, waiting list, service rate)

• Combination of datasets to be used:

Patient ID, Device ID	Timestamp	Ward Code, Venue
User interface of patient badge and smart wristband for triggering "request"		

• Protocol & Rules:

1. Limit number of patients served in a time slot
2. Send "request" before visiting a service
3. Coordinate orders of visit per queue and emergency level
4. Visit is allowed when green light is given

• Deliverable: Crowd Diversion

1. Avoid unnecessary waiting at the service venue
2. Avoid cross infection due to density of patients
3. Better care experience to patients
4. Workload optimization for wards and staffs

∴ Consequently, "WWW" (who, when, where) on a service, list of waiting, and rate of service can be acknowledged and recorded.

Smart Element #7 Patient Situation (healthiness)

• Combination of datasets to be used:

Patient ID, Device ID	Timestamp, Time Lapse	IR Sensor of Smart Wristband
mmWave Sensor*	UWB Data	

• Protocol & Rules:

1. Monitor patient's healthiness instantly, including heartbeat, breath rate, posture
2. Set up digital fencing by utilizing UWB location data
3. Take actionable alerts to vulnerable patients

• Deliverable: Health Monitoring

1. Enhance care service to vulnerable patients
2. Actionable alerts are reported immediately when incident happens
3. Give better protection to patients

Smart Element #8 Equipment Situation (readiness, quality)

• Combination of datasets to be used:

Device ID	Timestamp, Time Lapse
On Use "1" / Idle "0" signal from tag	UWB Data

• Protocol & Rules:

1. Press "On Use" button on the UWB tag when the equipment is on use
2. Press "Idle" button on the UWB tag when the equipment is idle

• Deliverable: Resource Optimization and Predictive Maintenance

1. Better asset tracking with knowing the usage situation
2. Understand rate of usage of an equipment at particular venue or service
3. Number of "On Use" clicks give a reference of equipment quality for proactive maintenance

Smart Element #9 Emergency Alert

• Combination of datasets to be used:

Patient ID, Device ID	Timestamp, Time Lapse	IR Sensor of Smart Wristband
mmWave Sensor*	UWB Data	

• Protocol & Rules:

1. With UWB digital fencing, alert announces when unauthorized access to restrictive area
2. With UWB digital fencing, alert announces when a vulnerable patient stays in a certain area too long
3. TWith mmWave signal and IR sensing, alert announces when vital signs (i.e. blood pressure, breath rate, heartbeat rate) are abnormal or lost

• Deliverable: Resource Optimization and Predictive Maintenance

1. Intensive care to vulnerable patients
2. Actionable alerts are reported immediately when incident happens
3. Give in-time-protection to patients

Smart Element #10 Automation

• Combination of datasets to be used:

Patient ID, Device ID	Timestamp	UWB Data, Ward Code, Venue
PLC of Elevator	Event Type, Patient Type	

• Protocol & Rules:

1. Based on ticket of request and patient ID, a patient is allowed to visit a particular floor, pass the gate of corridor, visit a particular venue
2. When a patient approaches, an elevator reserves the travel to the patient
3. Priority can be given for emergent usages

• Deliverable: Auto Routing

1. Ensure privacy to patients and security to hospital
2. Avoid cross infection due to density of patients
3. Better care experience to patients
4. When emergencies happen, an elevator and corridor can be reserved exclusively



BENEFITS & IMPACT

The implementation of mmWave-based wireless sensors enables precise, small-scale detection capabilities, facilitating real-time monitoring of critical vital signs including respiratory patterns, heart rate patterns and blood pressure levels. This enhances clinical decision-making for doctors, enables machine learning-based auto-diagnosis, and improves ward management efficiency. Furthermore, it increases patient comfort while reducing staff workload through automated monitoring.

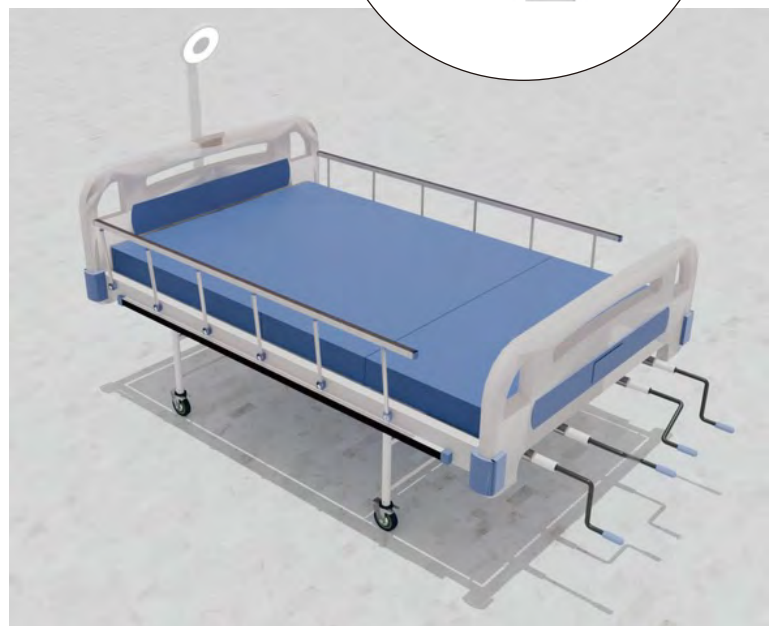
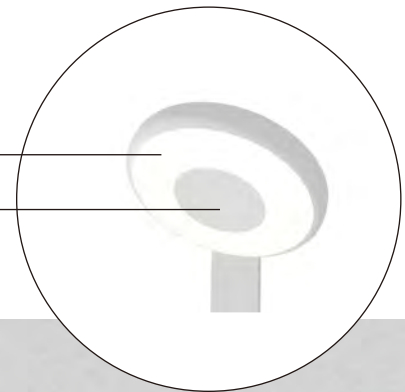


THE FUTURE

The proposed IoT data platform and mmWave technology facilitate the creation of safer, more compassionate and more efficient hospital environments. In addition, this solution offers scalability for adaptation across other healthcare and social care organisations.

LED Light

mmWave Sensor



1st Runner Up

SF Supply Chain (Hong Kong) Limited

Control Tower Solution for Visibility & Exception Management



THE CHALLENGE

Swire Coca-Cola HK's logistics operations currently face three critical gaps: absence of a Just-In-Time loading system, lack of an integrated real-time monitoring platform, no established methodology for route optimisation.



THE PROPOSAL

A comprehensive **Control Tower Solution** is designed to enhance visibility and exception management. It includes:

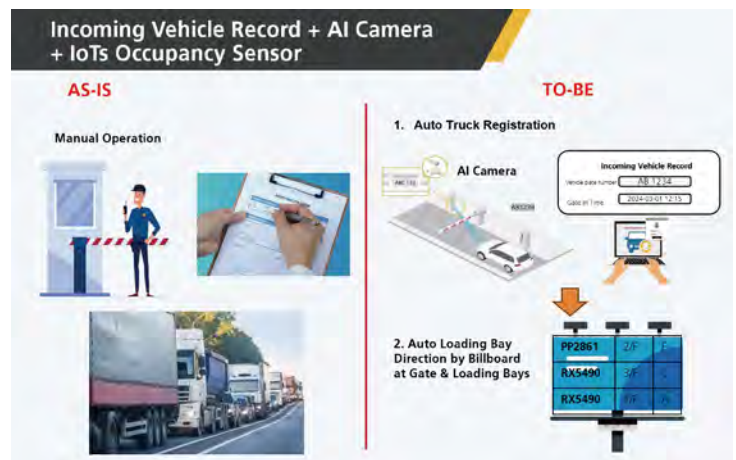
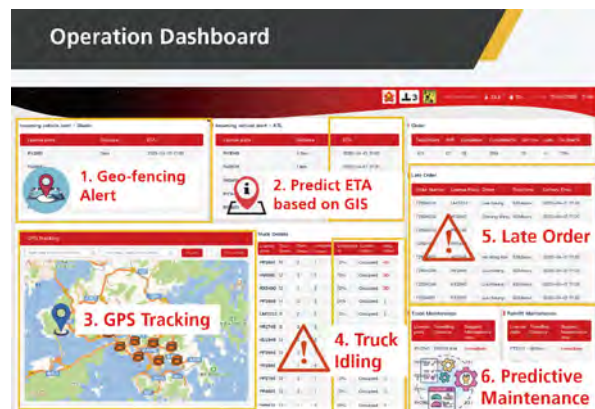
Real-Time Tracking: real-time location tracking using Amap.

Geo-Fencing Alerts: provide pre-alerts on incoming vehicles.

Exception Management Dashboard: provides timely notifications for any exceptions.

Automated Vehicle Recording and Loading Bay Assignment:

AI cameras and IoT occupancy sensors automate the recording of incoming vehicles and the assignment of loading bays.



BENEFITS & IMPACT

The proposal establishes a robust data foundation, enabling enhanced monitoring and control of logistics operations. By implementing Just-In-Time (JIT) operations and robust exception management, the solution reduces waiting times while enhancing both resource efficiency and customer satisfaction.

It streamlines loading processes through automated vehicle and bay assignment that reduces traffic congestion. By automating vehicle recording and loading bay allocation, it ensures optimal resource utilisation while minimising traffic jams and enhancing overall loading efficiency. The real-time alerts and exception management will minimise the business impact of any disruptions, ensuring smooth and continuous operations.



THE FUTURE

The solution will enhance real-time tracking with additional data sources like weather and traffic information to provide more accurate and comprehensive tracking. It will also integrate predictive maintenance features to address potential issues with trucks and forklifts. AI will be used to generate actionable insights through advanced data analytics. The solution will undergo continuous improvement through regular updates, incorporating new features and capabilities to address evolving business needs and challenges.

2nd Runner Up

The Carnot AI Team

Carnot AI Solution Revolutionises Building Management, Offering Significant Energy Savings and Enhanced Comfort



THE CHALLENGE

Ever wondered why 24°C can feel freezing one day yet uncomfortably warm the next? Conventional climate control systems often fail to consider critical variables like outdoor conditions, sunlight exposure, and occupancy levels. With comfort being highly subjective, rigid temperature settings frequently miss the mark.

Why does a room set at 24 °C sometimes feel **too hot** or **too cold**?



01 External Factors Ignored

Outdoor temperature, sunlight exposure, and occupancy patterns aren't considered



02 Subjective Tenant Discomfort

Discomfort is subjective, and there's no way to collect feedback for real-time adjustment



03 One Setting for All

A blanket temperature setting doesn't account for room differences



Carnot



AI & IoT for Smart Comfort

Optimizing Energy, Tenant Satisfaction & Operational Efficiency



IoT Sensors

- Temperature
- Humidity

Enhancing Comfort Prediction with External Factors

- Weather Forecast
- Solar Impact
- Occupancy Pattern

Personalizing Comfort Through Real-Time Input

- Mobile Web Interface



THE PROPOSAL

This solution delivers three key objectives: energy conservation, comfort enhancement, operational efficiency improvement. It integrates:

1. IoT sensors: monitor temperature and humidity
2. External data: weather conditions and tenant occupancy levels
3. A mobile app: gather tenant feedback



BENEFITS & IMPACT

By analysing comprehensive datasets, the solution identifies trends, predicts demand and generates optimised climate control settings which capable of delivering 8-12% annual energy savings. The system offers a 50% potential reduction in manual oversight requirements, a 20% decrease in carbon emissions (approximately HK\$400,000 yearly energy cost savings) for average commercial buildings.



Key Impact

ManPower

-50%

Maintenance Effort

200 hours per year saved per facility manager

15% reduction in operational costs

Carbon Footprint

-20%

In Carbon Emission

Equivalent to planting **1000-1500 trees** per year

20-30 tons of CO2 emission redacted per year per building

Energy Consumption

-\$400k

HKD saved / year

20% Reduction in Energy Consumption

Faster ROI on Energy Investments



THE FUTURE

Deploying this solution across over 5,000 commercial buildings and facilities in Hong Kong could reduce carbon emissions equivalent to the energy consumption of 150,000 households, delivering environmental benefits and financial returns.

Best ESG Achievement Award & IOT Sustainability Innovative Award

Electric Society

EcoManage - IoT and Energy Management Platform



THE CHALLENGE

Property management has become increasingly vital in the face of ESG regulations, growing tenant demands, and rising operational costs. While IoT sensors enable real-time building monitoring, they frequently prove inadequate for reducing staffing requirements or controlling expenditure.



THE PROPOSAL

This advanced IoT implementation utilises **KIT-WiSe IoT technology**, comprising a 2-way IoT module, a network gateway and a cloud-based command and a control platform.

The system replaces traditional circuit breakers with AI-powered load-shifting technology, featuring **power AI chips with adaptive learning algorithms, fire hazard prevention and environment-aware analytical engines**.

Electrical signals from all appliances within the building are sampled at 1M times per second, analysed by advanced models, and transformed into enriched IoT data. This information is then delivered alongside other sensor data via the system's gateway to its cloud-based IoT command and control platform.

These data streams fine-tune stochastic models for ongoing predictive analytics. The platform delivers ready-to-use business tools that provide:

1. Actionable business plans (maintenance schedule)
2. Automated and semi-automated actions (e.g., HVAC system activation/deactivation)
3. Carbon credit calculations
4. Action prompts

Additionally, the integration of **Retrieval-Augmented Generation (RAG) with Large Language Models (LLMs)** enables immediate tenant support services.



01

"Rich" Data

Appliance status
Appliance energy usage
Appliance behavior
Fault circuit
Fire hazard signal

Supply abundance and variety of data for analytics to drive ESG performance

02

Advanced Modeling

Isolation Forest
Time-Domain
Frequency-Domain
Multivariate
Stochastic

Improve anomaly detection while cutting computing and maintenance costs

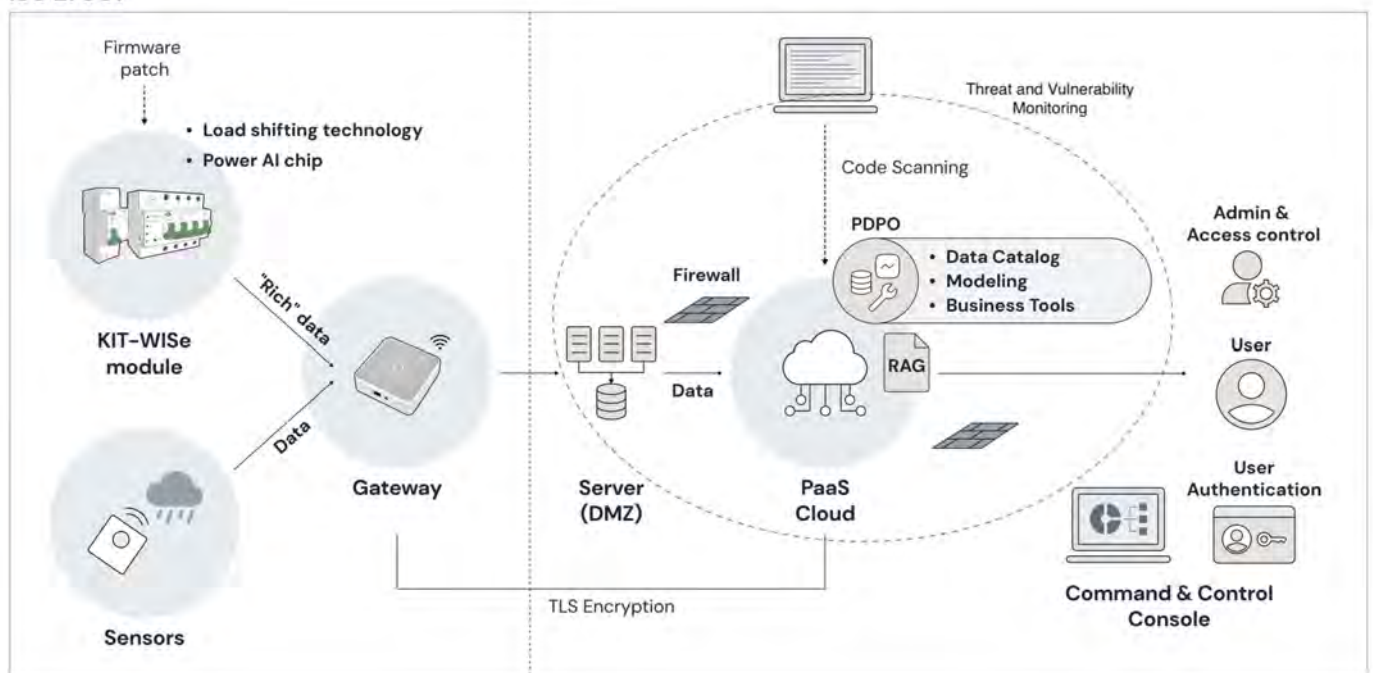
03

Business Tools

Automated task execution
Semi-automated control
ESG reporting
AI-assisted info retrieval
Alarms and alerts
Task scheduling

Reduce manual work, increase productivity and improve performance

ISO 27001



BENEFITS & IMPACT

The system automates essential tasks while optimising efficiency through reduced data transmission and storage requirements, faster execution, lower resource intensity. By employing stochastic modelling rather than other AI/ML models, it achieves lower computational power consumption, reduces training data needs and improves accuracy, making it a high-sustainability solution.



THE FUTURE

The solution's capabilities extend beyond building appliances. With the growing electrification of equipment across sectors, this technology can be strategically deployed to support broader ESG objectives.

Innovator of Secure by Design

Roo Lab

Roo Lab – The Six-Hat AI Solution



THE CHALLENGE

While CUHK Medical Centre's Real-Time Location System tracks patients and assets, the existing data could be further analysed to generate valuable insights that enhance clinical care quality, patient safety, optimise operational efficiency and ESG outcomes.



THE PROPOSAL

The Six-Hat AI system human-centred, AI-powered platform analyses hospital data through 6 distinct professional roles. Inspired by Edward de Bono's Six Thinking Hats, it interprets each data point (whether patient locations, maintenance logs or air quality readings) through different roles. Even singular datasets like real-time patient location yield unique insights from each perspective. Each AI role delivers specialised insights:

Nurse AI: detects unusual patient inactivity and sends alerts

Doctor AI: patient location, their treatment plan or medical history

ESG AI: location density to assess energy optimisation

Patient Support AI: translates the data into understandable updates for families, the

Emergency AI: checks whether a location corresponds to a secure zone

Administrator AI: improves operational workflows



BENEFITS & IMPACT

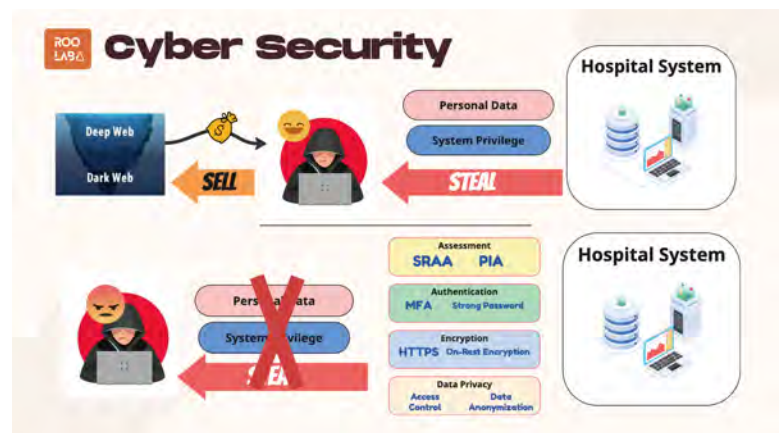
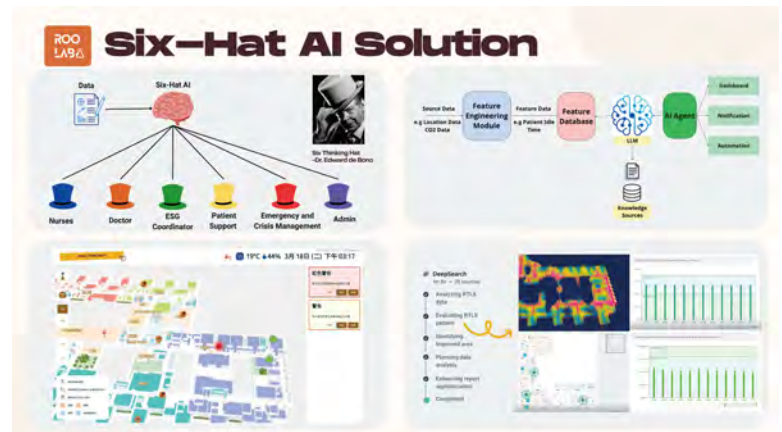
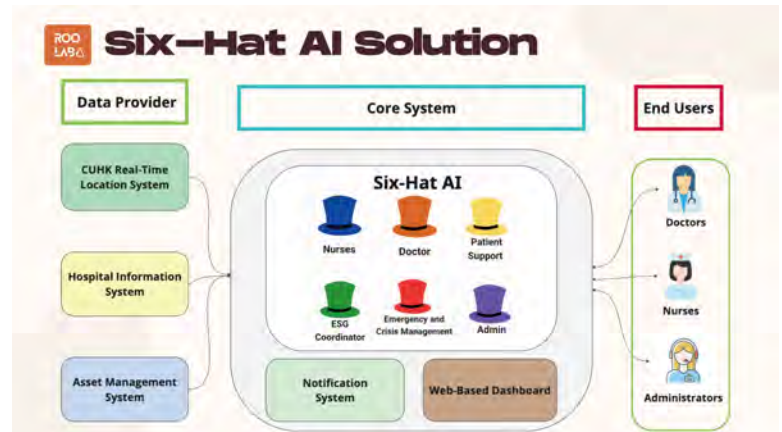
It transforms shared datasets into tailored insights enhancing cross-departmental efficiency, patient safety protocols, clinical decision-making. For example, the nurses receive real-time alerts and equipment location updates, while the doctors access concise medical summaries with patient movement tracking.



THE FUTURE

The solution will incorporate additional data types, including pharmacy stock levels and patient behavioural patterns, while adapting its analytical functions to meet evolving hospital needs.

Through ongoing AI refinement using both historical and real-time data, the system will enhance its accuracy. With long-term objectives focused on maximising safety, optimising operational efficiency, and improving patient wellbeing, the platform will be designed for seamless deployment across multiple healthcare institutions.



Behind the Scenes: The Magic of Innovation





Organising Committee

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Acknowledgement

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