

Smart Choice Smarting Building Solution

Existing Buildings

Optimize management and efficiency for energy savings and carbon reduction.

New Buildings

Provide design, planning, and construction for sustainable energy efficiency.

Five Key Features



Seamless Integration of Existing Software and Hardware



Smart alarm integration system



Intelligent Linkage Alarm System



Equipment Performance Optimization



AI & Digital Twin technology enable 10% annual energy and carbon savings

Proven Cases



New Taipei City Government

Administration Building Monitoring and Energy Control System Integration



Taichung City Government

Construction of Smart Energy Management Center



Taipei Municipal Building

Central control protection system integration

New Taipei City Government
Second Administration Center

Nangan Depot Public Housing

Chiayi County Machouhou Industrial
Park of Development Plan

IoT-Enabled Smart Buildings

Unified Management of Subsystems

- Web-based platform
- Accessible via browser
- Mobile-friendly
- Unified interface for managing subsystems
- Subsystem interaction based on different scenarios
- Improves management efficiency



Energy Consumption Monitoring to Avoid Overages

- Real-time monitoring of electricity usage and costs
- Estimates optimal contract capacity
- Demand management to offload air conditioning
- Monitors water supply pumps
- Time-of-use pricing for peak shaving and valley filling
- Prevents penalties for exceeding limits

Smart Alarm Notifications for Faster Response

- Instant notifications via multiple channels (SMS, app push, email, LINE, Telegram, etc.)
- Real-time event categorization and prioritization
- Accelerates managers' response and resolution

Equipment Carbon Footprint Recording for Digital Transformation

- Complete carbon footprint records for each device
- Water resource management
- Paperless digital transformation
- Energy declaration support
- Reduces manual meter reading and data entry
- Improves management efficiency

Awards & Certification

2024 TIBA AWARDS

Taiwan Excellent Smart Green Building and System Product Award

System Product Category Platinum Award

2023 3rd APIGBA Awards

Excellent IGB System Award and Renovation Award
Platinum Award

2019 TIBA AWARDS

Taiwan Excellent Smart Green Building and System Product Award

System Product Category
Platinum Award

Taiwan Architecture Center
Taiwan Smart Building

Excellent System Integrator

Smart Building Materials Mark Certification

Device & System



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◆ Seamless integrated services for 12 subsystems



Certified with the 2024 Intelligent Building Label, achieving a **Gold level with 137 points**.



HVAC System

Integrates and controls HVAC for comfort, energy-efficiency, and carbon savings.



Elevator System

Predicts real-time traffic flow to reduce peak load.



Energy Efficiency System

Analyzes energy consumption to allocate energy more efficiently.



Fire Protection System

Interconnects fire-related events with other subsystems.



Surveillance System

Custom surveillance video wall layout synced with diverse systems for emergency event monitoring.



Access Control System

Records entry and exit activity and integrates with surveillance systems for enhanced security.



Power System

Provides information on electricity usage, consumption trends, and time-of-use rates.



Parking Management System

Automatic passage at entrances and exits gates and parking guidance.



Ventilation System

Equipment can be activated or deactivated based on events detected by fire, HVAC, and air quality sensors.



Lighting System

Automatically adjusts circuits based on environment and energy-saving needs.



Water Supply and Drainage System

Monitors the status of water tanks and pumps to avoid peak usage and reduce energy consumption.



SmartSOS Emergency Security System

The comprehensive recording of alarm trigger time, locations, and status.

◆ System Structure

