ENNOWELL

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

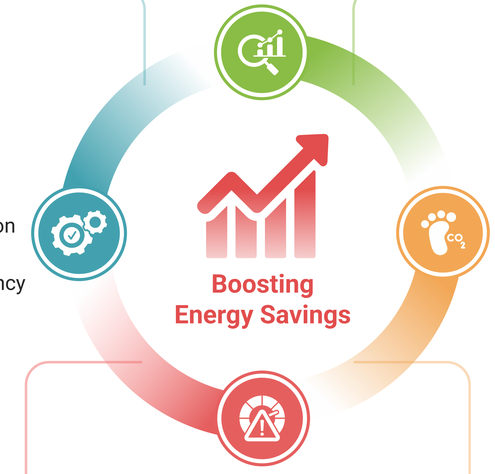
New Taipei City Government Second Administration Center

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 CategoryPlatinum Award

Taiwan Architecture Center
Taiwan Smart Building
Excellent System Integrator

2023 3rd APIGBA Awards
Excellent IGB System Award and Renovation Award
Platinum Award

Smart Building Materials Mark Certification
Device & System

2019 TIBA AWARDS
Taiwan Excellent Smart Green Building and System Product Award
System Product Category Platinum Award

ENNOWELL

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Seamless integrated services for 12 subsystems

Gold level 137

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.

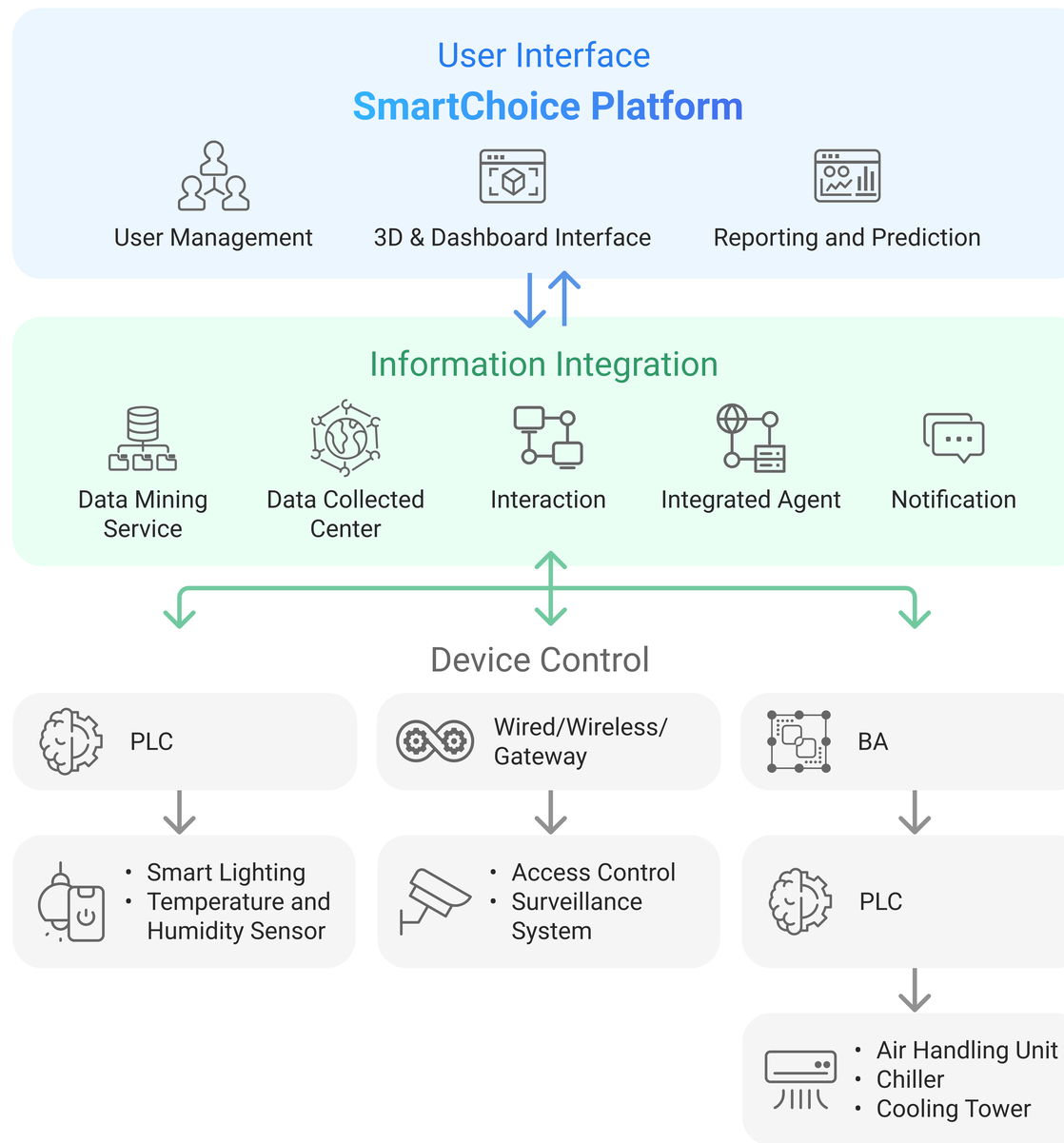
Power System
Provides information on electricity usage, consumption trends, and time-of-use rates.

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