eBİL

BUILDING MANAGEMENT SYSTEM

Your Building's
Digital Command Center

The eBil BMS Tool is a comprehensive, high-quality building management system that serves as the intelligent nervous system of your facility. It integrates, monitors, and controls all critical building operations from a single, powerful platform.

From HVAC and lighting to energy metering and security—every system speaks one language and responds to one command.

No Third-party Involvement

Develop the software entirely in-house to eliminate reliance on third-party vendors, ensuring complete control over functionality, security, and data privacy.

Customizability

Tailor the software to meet the specific needs and requirements of your building or facility, allowing for maximum flexibility and control.

Energy Management

Incorporate advanced energy management features to optimize energy use, reduce costs, and minimize environmental impact.

Data Analytics and Reporting

Implement robust data analytics capabilities to generate insightful reports, helping operators make informed, data-driven decisions.

Cybersecurity

Build in strong cybersecurity measures to protect against unauthorized access and cyber threats, ensuring the safety and integrity of your building systems.

Orchestrate Comfort, Efficiency & Security
All at Your Fingertips !

Centralized Real-Time Monitoring
Monitor all building systems 24/7 from a single, unified interface

Intelligent Automated Controls
Smart scheduling and automation that adapts to your building's needs

Instant Alarm Notifications
Real-time alerts for equipment tripping, malfunctioning, and anomalies

Advanced Data Analytics
Transform raw data into actionable insights with comprehensive reporting

Predictive Maintenance Intelligence
Identify potential failures before they happen, reducing downtime and repair costs

Energy Consumption Tracking
Monitor real-time energy data with monthly consumption reports for optimization

CONTROLLERS AND I/O

Our smart building management system leverages the robust and reliable hardware from our partner, iSMA. Made in Europe, the iSMA product range includes advanced direct digital controllers (DDC), I/O Modules, and actuators that seamlessly integrate with our software platform.

This strategic partnership allows us to deliver a comprehensive solution that combines cutting-edge technology with unparalleled performance and energy efficiency.

SYSTEM ARCHITECTURE

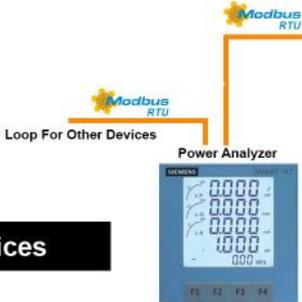**Server & Monitoting**

Local Area Network (LAN)

BACnet

AAC20 (DDC Controller)

BACnet

MIX 38 IP (I/O Module)

Controllers and I/O

Modbus RTU

Modbus RTU

Loop For Other Devices

Modbus TCP/IP

Field Devices

Power Analyzer

MCB (DI)   Sensors (AI)   Relay (DO)

MCB (DI)   Sensors (AI)   Relay (DO)

SIEMENS LOGO PLC

User-Friendly Design

Our customized GUI features a clean, modern layout with intuitive controls, allowing users to easily navigate and access all building management functions with minimal learning curve.

Seamless Interaction

The GUI (Graphical User Interface) is designed with a focus on seamless user interaction, offering, smooth animations, and real-time data visualization for a truly engaging experience.

Personalized Experience

Users can personalize the dashboard layout and select from a range of widgets to create a unique, tailored interface that caters to their specific building management needs and preferences.

Stay ahead—make your building part of a **Smarter, Greener Future.**

Open Protocol Support:

BACnet – Industry-standard building automation protocol

Modbus TCP/IP & RTU – Universal industrial communication

DALI – Digital Addressable Lighting Interface

Custom drivers available for specialized equipment

IOT Device Compatibility:

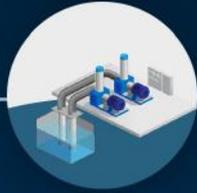Connect sensors, meters, and smart devices from any manufacturer

Seamless C

CCTV

Generator

Pool System

onnectivity

Mechanical System

HVAC

Fire System

Third-Party System Integration:

Elevators and escalators

Emergency generators and UPS systems

Fire alarm and life safety systems

EV charging stations

Renewable energy systems (solar, wind)

Microgrid and energy storage

Weather stations

Water management systems

Contact Number
+255 695 536 434

Email Address
info@apstanzania.com

Company Address

No:89/90, Vingunguti,
Industrial Area,
P.O> Box 34331,
Dar Es Salaam,
Tanzania.

www.apstanzania.co.tz

SMARTER, GREENER, FUTURISTIC BUILDING