



# IS for Building & Infrastructure

Discover an integrated ecosystem powered by cutting-edge technology, designed to transform buildings into intelligent, sustainable, and highly efficient spaces. Our solutions provide comprehensive connectivity and automation, ensuring optimal performance and an enhanced experience for all occupants.

# Why Choose IS for Building & Infrastructure?

Buildings and infrastructure management today face evolving challenges: increasing regulatory pressure, fragmented systems and data silos, complex integrations, security concerns, and hurdles of user adoption. Traditional Building Management Systems (BMS) fall short in addressing these demands.



## Regulatory Pressure

Increasing compliance requirements and sustainability standards



## Data Silos

Fragmented systems creating operational inefficiencies



## Integration Complexity

Difficulties connecting disparate IT and OT systems



## Security Concerns

Vulnerabilities in [connected building systems](#)

[Integrated Suite for Building & Infrastructure](#) is designed to tackle these pain points head-on with its modular and scalable architecture. From tailored consultancy to implementation, IS for Building & Infrastructure offers enterprises an end-to-end experience that enables organizations embrace interoperability, streamline adoption process, reduce operational costs, improve overall security, while ensuring compliance with sustainability standards.

# Key Capabilities of IS for Building & Infrastructure



## Environmental & Energy Management

Lower costs and drive sustainability



## Intelligent Asset Management

Extend equipment lifespan



## Security & Incident Management

Strengthen building security



## Operation Management

Maximize space and tenant efficiency



## Data Center Management

Optimize cooling and power efficiency

# Environmental & Energy Management

## Lower Costs & Drive Sustainability

Energy inefficiencies can silently drain operational budgets and increase a building's carbon footprint. The Environmental & Energy Management module within Integrated Suite provides real-time monitoring and AI-driven energy optimization to reduce waste, lower operational costs, and ensure compliance with sustainability standards like ISO 50001 and LEED.

### Key Features:

- Environment monitoring
- Energy monitoring
- Energy Optimization
- Water Supply and Drainage monitoring
- Rainwater Collection and Utilization



# Powered By State-of-the-Art Technology

The Integrated Suite leverages advanced technologies to create a smart, connected, and future-ready operational environment.



## IoT Foundation

Real-time data collection from connected devices



## IS Asset Twin

[Virtual models of physical assets](#)



## AI & Machine Learning

Automation and continuous optimization



## Cloud Computing

[Scalability and seamless integration](#)



## Cybersecurity

[Protection against evolving threats](#)

# Seamless Integration & Advisory Services

Beyond technology, successful digital transformation requires expert planning, seamless integration, and continuous optimization. Web Synergies' System Integration Service ensures:

## Seamless Migration & Integration

Connect with existing BMS, [IT & OT systems](#) without disruption

## Customizable Implementation Plans

Tailored solutions designed to meet specific client needs and requirements

## Ongoing Support & AI Analytics

Continuous optimization and enhanced long-term performance

# What Makes IS for Building & Infrastructure Unique

## Enhanced Energy & Equipment Efficiency

With AI-driven optimization, businesses using Integrated Suite have achieved up to 15.8% reductions in energy costs and extended asset lifespan—translating to millions in annual savings, metric tons of carbon dioxide reduction and an overall sustainable operation.

## Compliance and Regulations Offers

Streamline compliance with powerful management tools designed to meet ISO 50001, LEED, WELL, and other industry standards assuring faster, more precise certification while reducing administrative burden.

# One-Stop Smart Building Management



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## Cross-System Integration

Compatible with various sensors and protocols (e.g., BACnet, KNX)



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## Complete Visibility

Establish a well-rounded management system with full oversight



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## Unified Platform

[Integrates HVAC](#), energy, CCTV, and water supply/drainage systems



# Data Visualization & ESG Reporting



## Full Visibility Across Systems

Gain complete oversight with intuitive dashboards and automated ESG reports that simplify compliance and provide actionable insights for smarter decision-making.

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# A Future-Ready Ecosystem for Smart Buildings

IS for Building & Infrastructure is more than just a solution—it's a strategic framework tailored for building and infrastructure leaders seeking agility, efficiency, and long-term success.

## Seamless Connectivity

Connect IT and OT systems effortlessly

## Optimized Operations

Empower decision-makers with intelligence

## Future-Proof Assets

Prepare for an increasingly digital landscape

Integrated Suite equips enterprises with the intelligence needed to drive smarter, greener, and safer operations.