The Future of Building Management is Autonomous

Statice Tech + NextNet AI: Future-Ready Hybrid BMS

Statice Tech is a technology solutions company with 120+ projects executed, 15+ global partners, and a presence in 6+ countries, delivering innovative solutions across education, infrastructure, manufacturing and agriculture since 2019. Building on our expertise in networking, surveillance, access and IoT systems, we now offer a next-generation Building Management System, where Statice Tech leads design, deployment and support, powered by NextNet AI as our specialised AI partner for autonomous, interoperable and energy-efficient BMS intelligence.

Core Capabilities: Hybrid Building Platform

1

Hybrid Infrastructure

Supports both wired and wireless for faster installs and retrofits.

2

70% Less Wiring

Reduced cabling lowers cost, speeds deployment, and cuts carbon footprint.

3

Hardware Independent

Works with Siemens, Schneider, Honeywell, JCI and other vendors.

4

AI-driven Intelligence

Chat interface, predictive analytics, anomaly detection for operations.

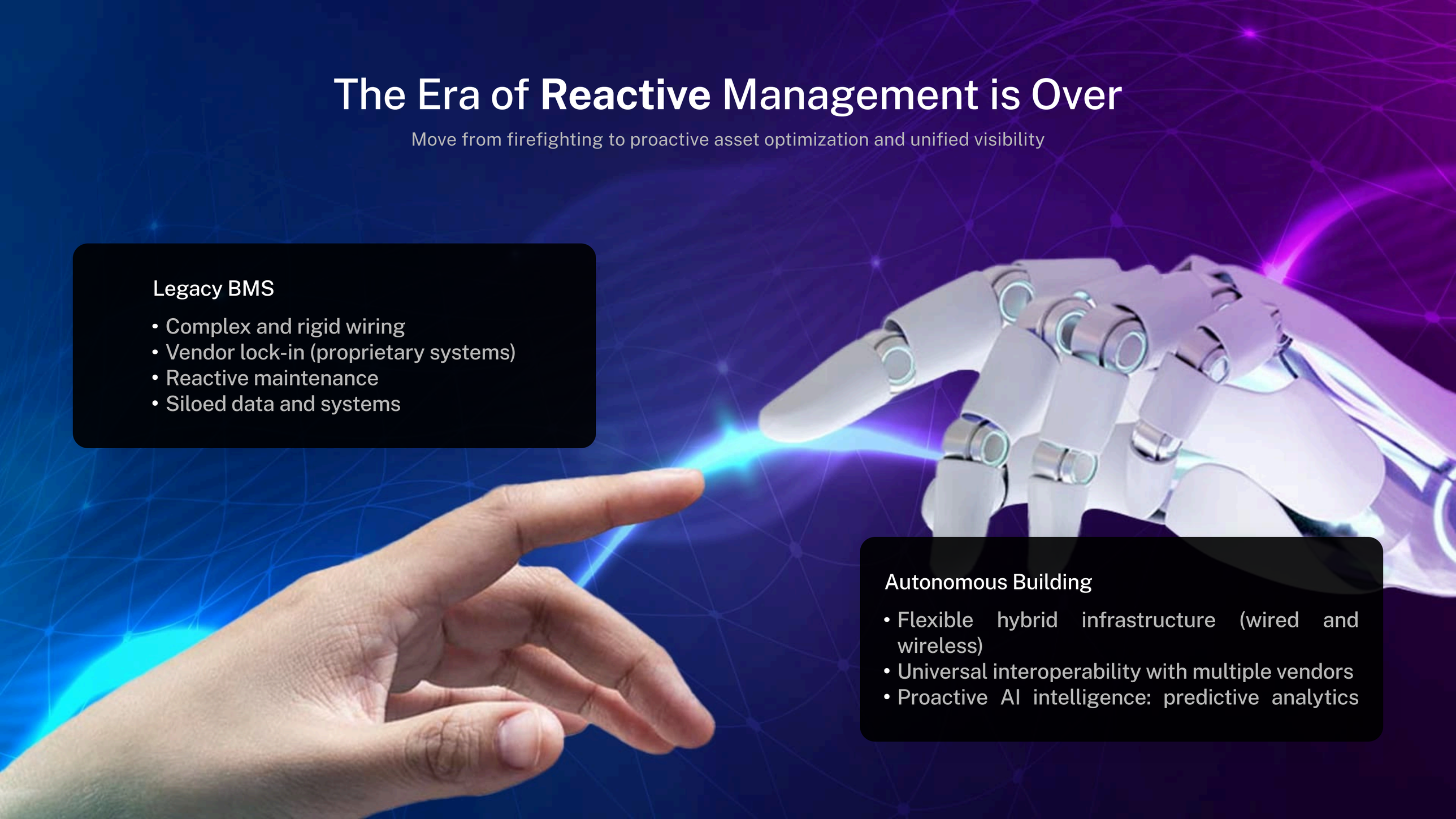
5

End-to-End Ecosystem

Sensors to gateway to AI to dashboard to mobile app for unified ops.

The Era of **Reactive** Management is Over

Move from firefighting to proactive asset optimization and unified visibility



Legacy BMS

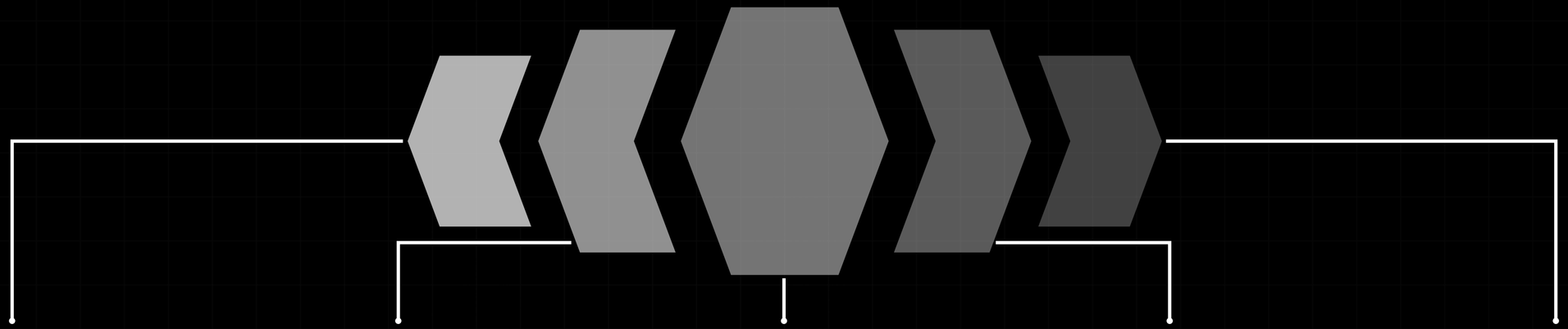
- Complex and rigid wiring
- Vendor lock-in (proprietary systems)
- Reactive maintenance
- Siloed data and systems

Autonomous Building

- Flexible hybrid infrastructure (wired and wireless)
- Universal interoperability with multiple vendors
- Proactive AI intelligence: predictive analytics

Solution Architecture: Layered Design

Device, Gateway, AI and Analytics, Application, Security and Management



Device Layer

Connects diverse sensors and controllers across wired and wireless networks; supports Siemens, Schneider, Honeywell, JCI.

Gateway Layer

NextNet Edge Gateway aggregates multi-protocol data: BACnet, Modbus, MQTT, OPC-UA, Thread.

AI and Analytics

On-prem or cloud processing for prediction, anomaly detection, and optimization; supports AI-driven chat and predictive analytics.

Application Layer

Dashboards, mobile apps, and AI chat for monitoring and control.

Security and Management

Data privacy, encryption, secure APIs, and role-based permissions for end-to-end management.

AI Model Capabilities — Key Functions

1. **Conversational AI:** Natural chat for queries and actions
   Enable user workflows; requires quality conversational data
2. **Predictive Maintenance:** Models learn equipment behavior to forecast failures
   Reduces downtime; needs historical sensor and failure data
3. Energy Forecasting: Forecast demand patterns to optimize operations
   Improves efficiency; depends on accurate historical and weather data
4. Anomaly Detection: Detect unusual patterns and trigger early alerts
   Protects operations; requires labeled anomalies and baseline data
5. Root-Cause Analysis: Multi-variable correlation to find underlying causes
   Speeds resolution; needs integrated multi-source telemetry
6. Implementation Considerations: Data quality and continuous monitoring
   Ensure training data quality and ongoing model performance checks

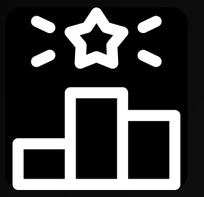
Deployment Models

Cloud-Based

Centralized multi-site management with remote visibility, analytics, and AI-based insights — ideal for large distributed portfolios.

Edge-Based

On-premise decision-making for low-latency, mission-critical operations where real-time control and data privacy are essential.



Hybrid Model

Best of both worlds — combines edge reliability with cloud scalability for optimal performance and flexibility across enterprise-scale systems.

Full Wireless Option

Simplified installation with up to 70% less wiring, enabling faster deployment, minimal infrastructure disruption, and reduced carbon footprint.

Cost-Effective Architecture

Modular and scalable setup that adapts to your existing infrastructure — lower upfront investment and faster ROI compared to traditional automation systems.

Unified Platform Experience for Building Operations

Single pane control of devices, surveillance, and access with role-tailored views

Interfaces

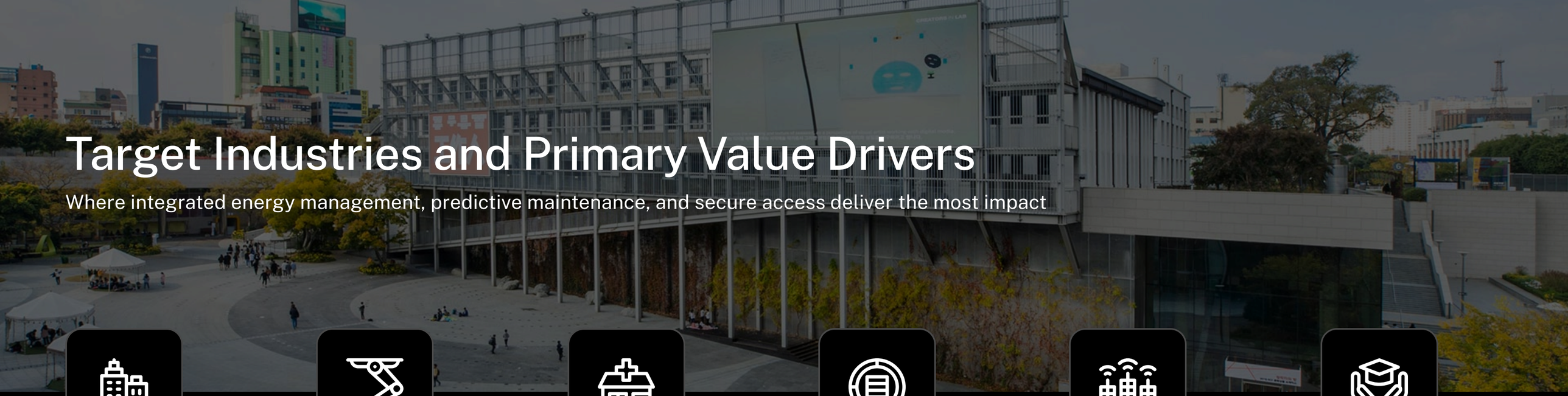
- Web Dashboard with consolidated controls
- Mobile App supporting mobile-first workflows
- AI Chat for conversational diagnostics and actions

Role-based dashboards

- Admin: full system control and settings
- Operator: real-time operations and incident handling
- Manager: KPIs, reports, and approvals

Systems managed

- Electromechanical: HVAC, Lifts, Escalators, DG
- Physical surveillance: Cameras, ANPR/LPR, ANVR
- Access Control: Facial recognition, 2FA door access



Target Industries and Primary Value Drivers

Where integrated energy management, predictive maintenance, and secure access deliver the most impact

1 Smart Buildings and Office Campuses

Integrated energy, network management and secure access

2 Manufacturing and Industrial Plants

Anomaly detection and reduced downtime

3 Healthcare and Pharma:

Secure access and environmental control for regulations

4 Data Centers and Utilities

Cooling efficiency and continuous operations

5 Smart Cities and Infrastructure:

City-wide integrations for resilience and efficiency

6 Education

Energy savings, network management and secure access for schools

Business Benefits: **Measured Outcomes**

70 %

Reduction in Wiring Infrastructure

Less cabling lowers cost, speeds deployment, and cuts carbon footprint

40 %

Energy Savings

AI-driven optimization; range depends on baseline and scope

50 %

Lower Downtime

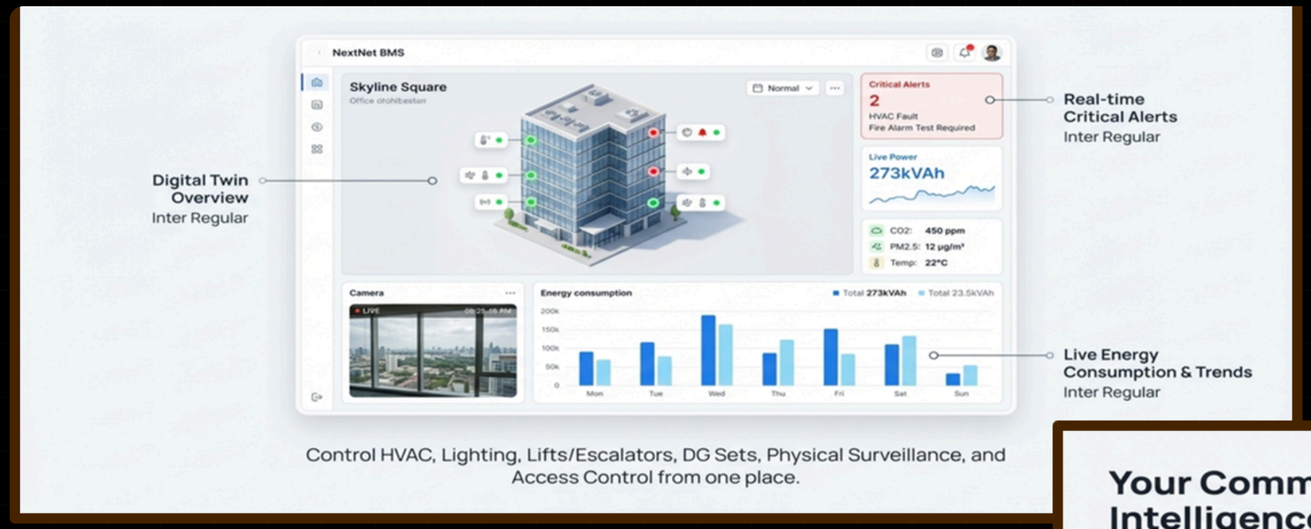
Predictive maintenance reduces outages and service disruption

6 to 12 months

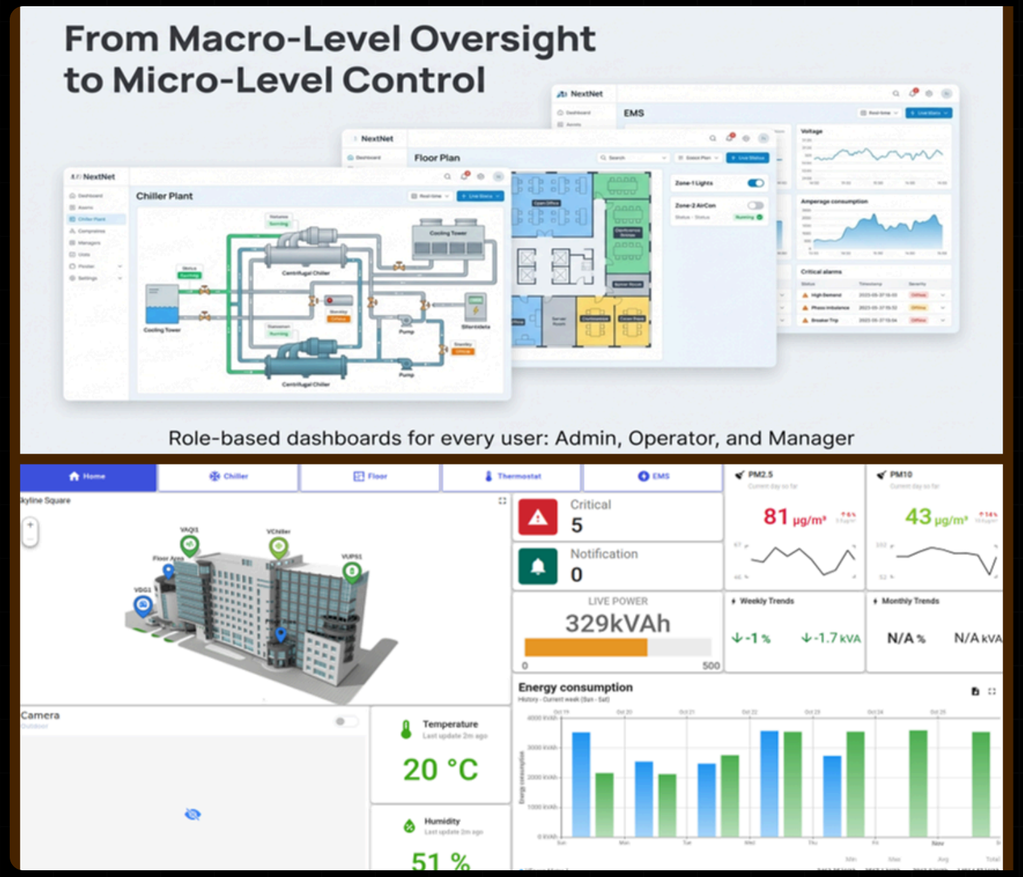
Fast ROI Payback

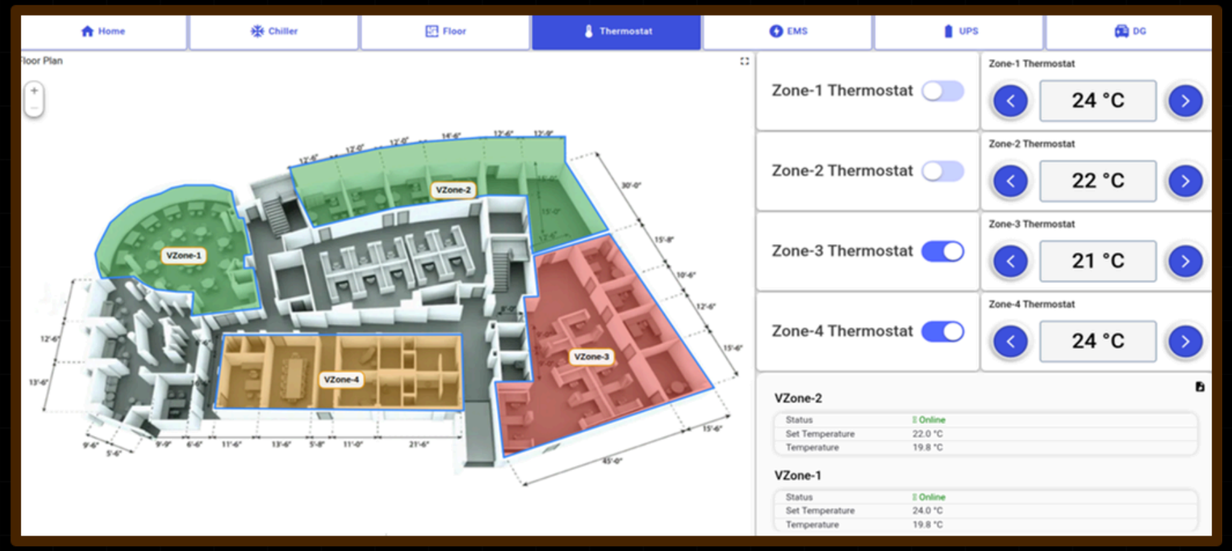
Fast ROI on average; actual payback varies by execution

BMS Web Dashboard

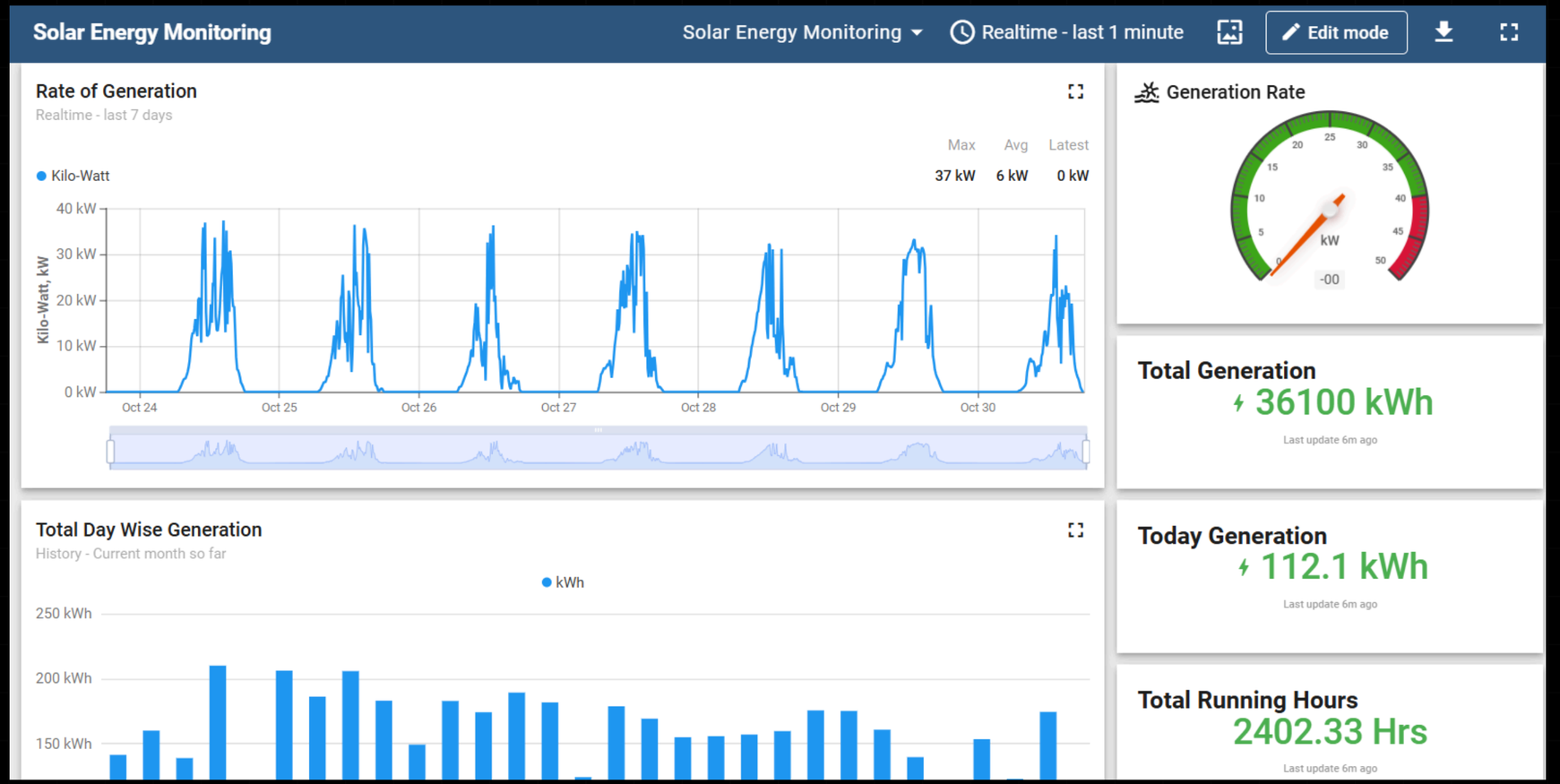


BMS Web Dashboard

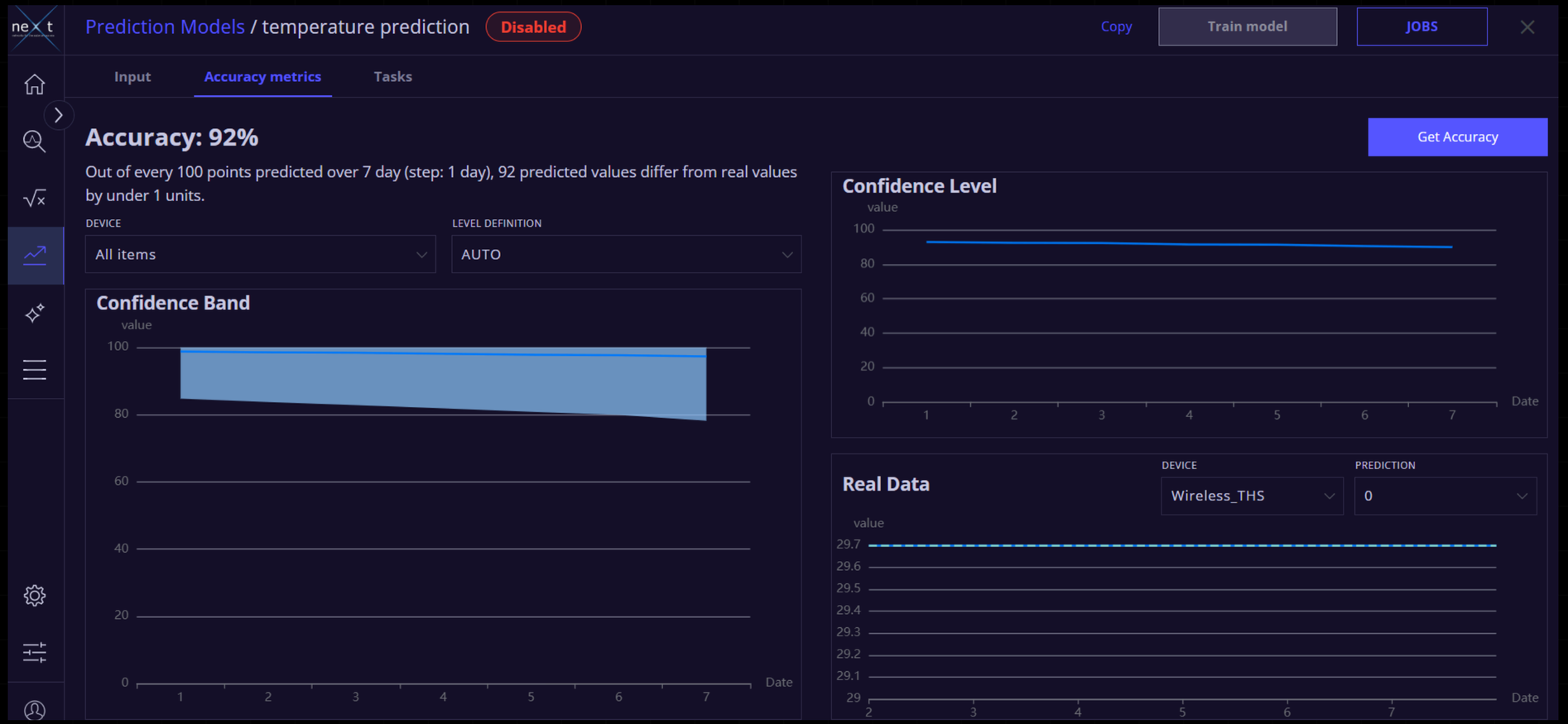




Energy Management Dashboard



AI Prediction Model



Modular Add-ons for Buildings

Practical Expansion Modules to Enhance Building Autonomy and Security

Networking Solutions

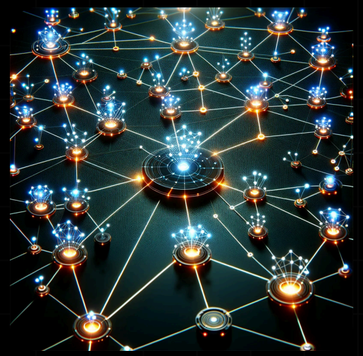
Complete end-to-end networking for buildings and offices. Cloud-managed access points and switches for secure, scalable connectivity.

1. Cloud-Managed Access Points
2. Manageable Switches for Reliable Connectivity
3. Centralized Visibility and Control
4. Secure, Scalable Architecture
5. Seamless Integration with Building Systems

Visitor Management Solution

Key features

- Visitor pre-registration and mobile pre-check
- Badge printing and secure screening
- Check-in and check-out logs with visitor history
- Anomaly alerts and basic analytics



Integrations

- Access control systems
- Building management systems and elevators
- Directory services and identity providers
- Badge printers and security cameras

Deployment options

- Desk-based kiosk for staffed lobbies
- Self-service kiosk with badge printer
- Mobile pre-registration and QR check-in
- Cloud, edge, or hybrid hosting

Compliance and User Experience

- Privacy: limit data retention and access
- Accessibility: clear flows and multilingual support
- Auditability: immutable logs for investigations
- Fast, intuitive check-in UX

Smart Entrance Control

Boom Barriers

Use-case: vehicle entry control for parking and perimeter gates

Flap Barriers

Use-case: sleek pedestrian access for medium security areas

Turnstiles (Tripod and Swing)

Use-case: high throughput pedestrian flow and staff access

Employee Attendance Management

1 Fingerprint

- Biometric method for secure, non-repudiable records
- Integrates with payroll for accurate time tracking
- Can link to access control systems for door entry
- Requires privacy controls and compliance safeguards

2 Face Attendance

- Contactless biometric for fast, non-repudiable check-in
- Supports access control and attendance reconciliation
- Privacy and biometric consent management required
- Configurable role-based permissions recommended

3 App Based

- Mobile workflows for remote, flexible, or visitor staff
- Syncs with payroll for remote time capture
- Can integrate with access control via mobile credentials
- Use role-based permissions and audit logs for compliance

Elevator Access Management

Restrict elevator access and floor stops to authorized personnel using biometric and access-control integration.

Controlled Access and Floor Permissions

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DEDUCE Technologies

NAVEEN HOTELS

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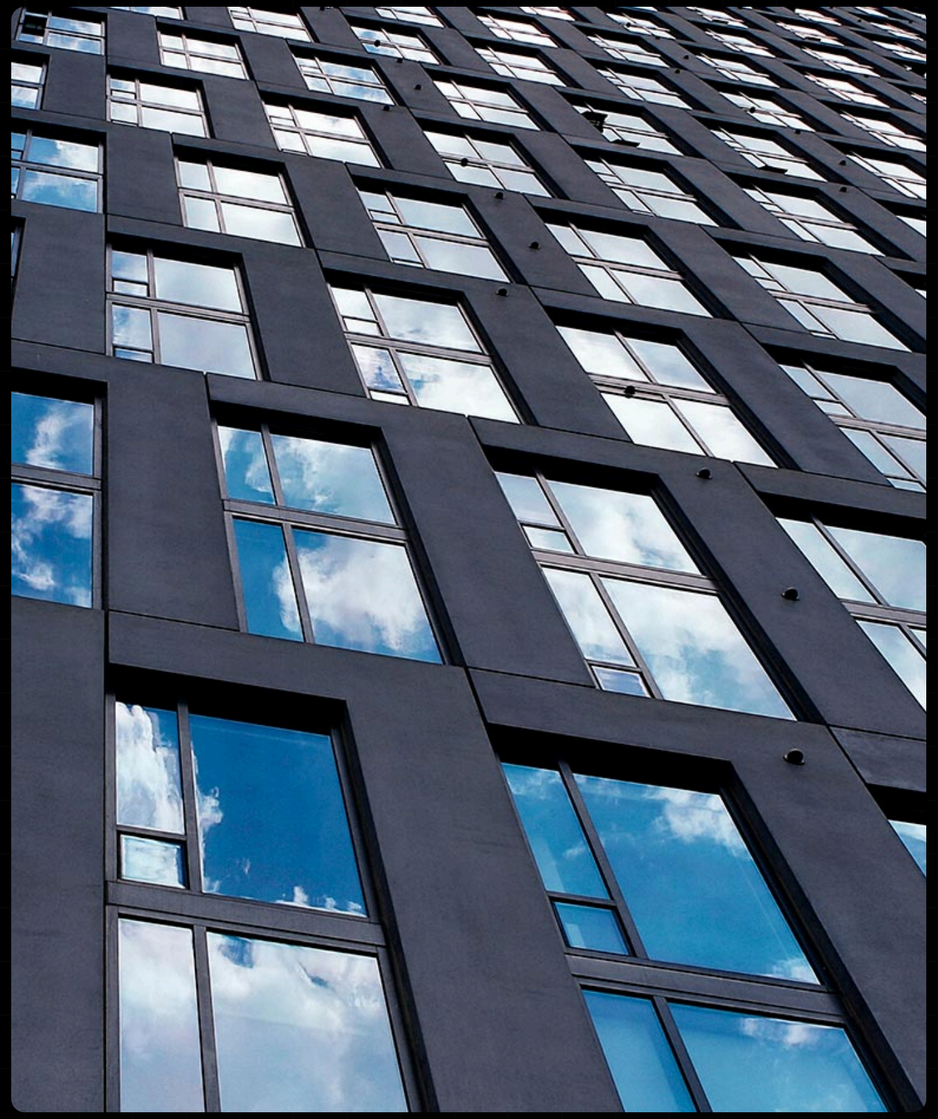
Ready to Transform Your Buildings?



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