

MACHINESENS IoT

Machinesens IoT Unveils the Future of Smart Building Intelligence at GITEX Global 2025

Dubai, UAE October 2025:

Machinesens IoT, a UAE-based full-stack smart building technology company, showcased its complete **IoT ecosystem for intelligent, sustainable, and ESG-ready buildings** at **GITEX Global 2025**, positioning itself as a pioneer in wireless-first, AI-driven infrastructure automation.

Under the theme “**One Ecosystem. Infinite Intelligence.**”, Machinesens introduced its next-generation platform that unifies **hardware, software, and AI intelligence** into a seamless ecosystem connecting energy systems, facilities management, indoor air quality, and carbon monetization through a single interface.

An Ecosystem That Works for You

At GITEX 2025, Machinesens demonstrated how its **IoT ecosystem** transforms traditional buildings into living, learning environments.

From **wireless sensors and gateways** to **AI-assisted analytics and ESG dashboards**, the company’s technology enables asset owners, operators, and developers to achieve measurable operational efficiency and sustainability ROI.

“Machinesens IoT isn’t just another platform it’s the ecosystem of intelligence for every building,” said **Dr. Alaa Ahmad**, Managing Director of Machinesens IoT.

“We’ve created a unified framework that connects legacy BMS systems, IoT sensors, and cloud dashboards proving that integration, AI, Building management control and ESG can work seamlessly together.”

Integrated Solutions for a Smarter Tomorrow

The Machinesens ecosystem showcased at GITEX included:

- **BuildoT** – Cloud-native BMS and automation engine
- **FM360** – Predictive facilities management suite
- **EMS + ESG** – Real-time energy tracking and carbon monetization platform
- **AirTwin** – 3D digital twin for real-time visualization and diagnostics
- **Community App** – Occupant engagement and comfort feedback system

Complementing its software stack, Machinesens also unveiled its comprehensive range of **wireless hardware solutions**, including **smart electricity, water, and chilled water meters, retrofit building automation and control sensors, predictive maintenance devices**, and the **AiroCheck IAQ sensor series** - all engineered for **rapid retrofit deployment** and **seamless cloud integration**.

MACHINESENS IoT

Driving Real Impact Across the GCC

Machinesens IoT powers **over 100 buildings across the GCC**, delivering measurable results:

- **15–20% average energy savings**
- **Verified ESG dashboards** aligned with WELL, LEED, and Estidama standards
- **AI-driven fault prediction** reducing downtime by up to 25%

By combining operational intelligence with emission monotrings through its **ESG AI powered**, Machinesens is redefining how smart buildings contribute to both profit and planet.

Beyond GITEX: A Vision for Smarter Cities

Following GITEX 2025, Machinesens IoT announced its commitment to scaling its ecosystem across the UAE, KSA, and GCC aligning with regional smart city and decarbonization goals.

“GITEX 2025 was just the beginning,” added Dr. Ahmad.

“Our mission is to empower every building from hotels to campuses to communities with actionable intelligence that drives comfort, sustainability, and value creation.”

About Machinesens IoT

Machinesens IoT is a technology company specializing in **AI-powered, ESG-ready smart building ecosystems**. The company develops integrated hardware, software, and analytics solutions that enable energy optimization, predictive maintenance, and carbon monetization. With a wireless-first approach and open-protocol architecture, Machinesens IoT empowers buildings across sectors to become intelligent, efficient, and future-ready.