

EDGE ORCHESTRATION FOR SPACE OPTIMIZATION

About CTHINGS.CO

At CTHINGS.CO, we are pioneers in Edge Orchestration and IoT technology. Our innovative Orchestra Platform paired with Edge IoT Gateways and Connectivity Cards enable real-time data processing, reliable connectivity, seamless integration, and powerful insights to drive efficiency and sustainability across various sectors. From smart cities to Industry 4.0, we empower organizations to embrace the future of technology with scalable, adaptable, and data-driven solutions.

About Haltian

Haltian is a leading global IoT company, focused on transforming offices, hospitals and industrial facilities into smarter, sustainable environments through innovation and engineering. Haltian'stechnology and workplace intelligence solutions improve efficiency and the quality of work-life in buildings, making daily operations smoother for its customers. Haltian also offers comprehensive IoT and product creation services, helping companies evolve ideas into finished products.

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contact@cthings.co

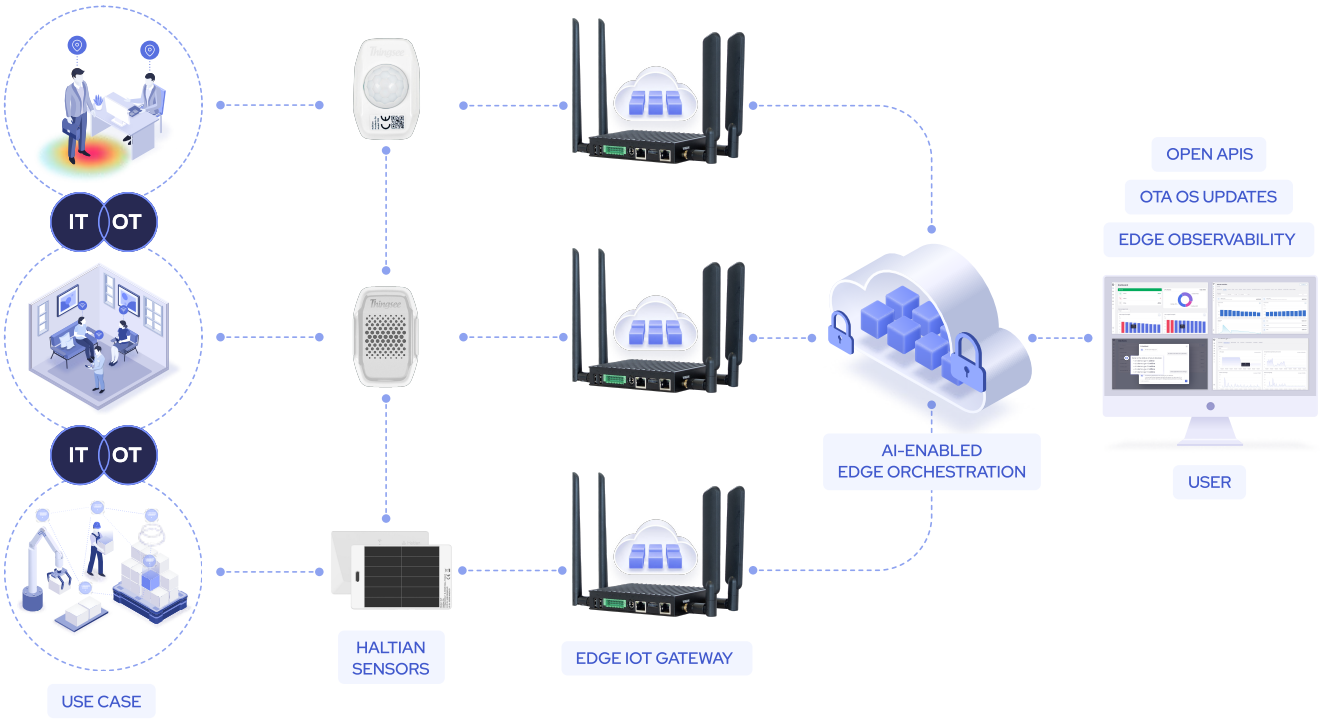
The Challenge

In today's enterprise environments, organizations often rely on assumptions and manual reporting rather than accurate data. This **lack of clear visibility into how spaces and assets are actually used** leads to **operational inefficiencies, unnecessary real estate and energy costs**, and **suboptimal indoor conditions**. What's more, managing global portfolios requires IoT solutions and data connectivity that work seamlessly both locally and anywhere in the world, which can be highly complex to deploy and scale securely.

The Solution

Haltian's cloud-native IoT platform turns sensor data into actionable insight through a secure, **end-to-end solution** combining **connected devices, global connectivity, and AI analytics**. Built for rapid deployment and massive scalability, this modular offering supports diverse use cases, including **occupancy monitoring, people counting, environmental sensing, remote monitoring, and asset tracking.** The ecosystem is powered by advanced hardware, such as an **innovative energy-harvesting locator** for fast, cost-effective wireless installation, and sensors for monitoring workspace utilization while capturing critical data like temperature, humidity, and machine vibrations.

To support the deployment and management of this versatile product offering at scale, **CTHINGS.CO** provides **edge orchestration technology,** for **secure lifecycle management, over-the-air updates, and seamless integration** into customer systems from single sites to global portfolios.



The Result

- **Improved operational efficiency,** and **reduced unnecessary** real estate and energy **costs**, optimizes space utilization and supports hybrid work,
- **Data-driven strategies** instead of manual reporting
- **Improved indoor conditions** and **workplace performance**
- **Enhanced sustainability** and employee wellbeing
- **Reduction of unnecessary investments** through a modular, secure, and vendor-agnostic architecture.

Haltian is proud to work with CTHINGS.CO, another prominent company within the growing Wirepas ecosystem. Our collaboration - as any good strategic partnership - goes both ways. Haltian is now leveraging IoT gateways from CTHINGS.CO, offering new capabilities and future proof roadmap including NR+, also called 5G Mesh. On the other hand, our wide IoT sensor portfolio, designed and manufactured in Finland, is now available to CTHINGS.CO customers.



JARNO MAJAVA
Haltian | Head of Technology Partnerships

By combining Haltian's cutting-edge hardware with CTHINGS.CO edge technology stack, we are redefining what is possible in smart spaces. Our synergy allows enterprises to seamlessly scale critical applications, transforming raw data into unified, actionable insights that drive real operational efficiency worldwide.



ŁUKASZ BALAS
CTHINGS.CO | Chief Commercial Officer

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