

ORCHESTRA CALM IOT SYMPHONY

REVOLUTIONIZING OFFICE SPACES WITH SMART IOT SOLUTIONS

About CTHINGS.CO

CTHINGS.CO®

At CTHINGS.CO, we are pioneers in Edge Computing, IoT, and 5G technology. Our innovative Orchestra Platform and Edge IoT Gateways enable real-time data processing, 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 workstatt

workstatt

workstatt is the digital platform of LEIK GmbH. LEIK is one of the largest providers of office and property furnishings in Germany. We design and implement modern, future-proof working environments by considering current trends and relevant aspects from a holistic perspective.

The Challenge



workstatt started as an online shop for high-end office products, being one of the largest retailers for Steelcase products in Germany. To pursue their vision of the self-optimizing office, their next step was to expand their portfolio to measure the occupancy of spaces. workstatt needed a solution that could accurately monitor room usage to better understand how spaces were being utilized throughout the day. Their goal was to optimize office layouts, enhance energy efficiency, and ensure a comfortable, productive work environment. It was essential for the solution to integrate seamlessly into their digital infrastructure, offering both scalability and secure data handling. To achieve this, workstatt looked toward an IoT-powered approach to enable smarter, data-driven workspace management.

The Solution



CTHINGS.CO provided a cutting-edge IoT solution tailored to workstatt's needs. By leveraging CTHINGS.CO Edge IoT Gateways, workstatt was able to collect real-time data on office space occupancy. These gateways seamlessly connected to Orchestra, a powerful platform that centralized IoT device management, automated data processing, and ensured secure operations. Furthermore, CTHINGS.CO's implementation of Zero-Trust-enabled platform safeguarded data integrity and protection, making it a robust and future-proof solution.

The deployment process was exceptionally efficient, with workstatt integrating the solution within minutes. This streamlined approach minimized disruption and allowed for immediate access to valuable insights. According to workstatt:

"Working with CTHINGS.CO has been absolutely amazing and flawless. They were super fast and well-organized in their customer communication. They also delivered the product to our specifications, and we were able to integrate it into our product in a matter of minutes."

The Result



By leveraging CTHINGS.CO's technology, workstatt successfully enhanced its office space optimization capabilities. The benefits of the solution included:

- **Real-Time Asset Tracking**

With Orchestra's Data Collection capabilities and sensor integration, workstatt can now monitor room occupancy and usage patterns in real time, allowing businesses to make informed decisions about space allocation.

- **Seamless Integration**

workstatt was able to integrate CTHINGS.CO Edge IoT Gateways and Orchestra within minutes, minimizing downtime and accelerating deployment.

- **Improved Efficiency & Cost Savings**

By gaining insights into workspace utilization, companies using workstatt's platform can reduce operational costs and optimize resource allocation.

- **Secure and Scalable IoT Management**

The Orchestra Manager ensures secure device authentication, data encryption, and automated application updates, reducing IT overhead while maintaining robust security.

The Key Role of Orchestra



Orchestra played a crucial role in enabling this transformation into a smart office environment. Its key contributions included:

- **Centralized Device Management**

Orchestra provides with a unified platform to monitor, control, and manage IoT devices across their office spaces, ensuring efficiency and reliability.

- **Secure and Scalable Networking**

By utilizing Zero-Trust Networking principles, Orchestra ensures that all data transmissions are encrypted and that only authorized devices and users can access critical information.

- **Real-Time Data Collection & Analysis**

The Orchestra Data Collection feature empowers companies like workstatt to gather and visualize real-time occupancy data, enabling more intelligent space management decisions.

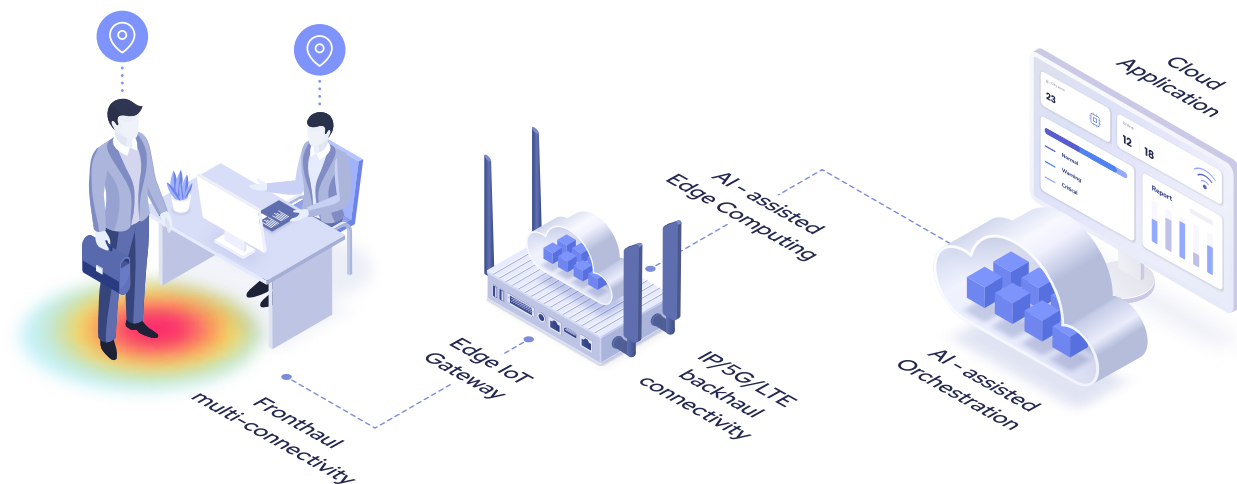
- **Seamless Integration & Automation**

Orchestra's Containerized Application Lifecycle Management (CALM) allows for smooth deployment of applications and updates, reducing maintenance time and improving operational efficiency.

The Future of Smart Workspaces

workstatt's collaboration with [CTHINGS.CO](https://www.cthings.co) marks a significant step in the evolution of smart office environments. The success of this partnership has opened doors for future expansion, with workstatt expressing enthusiasm about continuing their work with CTHINGS.CO:

"We are very much looking forward to expanding our business with CTHINGS.CO in the future."



Start your digital transformation journey

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or

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