EDGE ORCHESTRATION
FOR SENIOR CARE

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 Intrex

Built on decades of direct senior care experience, Intrex combines advanced wearables, unobtrusive sensors, and real-time behavioral data with AI embedded throughout to enhance resident safety, independence, and quality of life while optimizing caregiver efficiency. Its flagship solution, Rythmos®, integrates nurse call, wander management, access control, and fall detection into a single wearable device, complemented with in-apartment sensors for robust monitoring in apartment, around the community, and out in the world. With an open API, Rythmos® fits seamlessly within the software ecosystem to streamline operations and care delivery.

The Challenge

Senior care teams lacked a reliable way to understand when, where, and why residents needed help - and how those needs changed over time as they aged in place. Without continuous, real-time insight, it was **difficult to quantify resident acuity, coordinate caregiver support, and ensure residents could quickly trigger-or automatically send-an alert during emergencies** such as falls.

The Solution

Intrex deployed its Rythmos® solution, combining **advanced senior wearables, unobtrusive fall and wander sensors**, tiered access control, and in-apartment monitoring to capture real-time behavioral and safety data.

With **CTHINGS.CO's Orchestra Platform** and **Edge IoT Gateways** the data from the sensors can be securely orchestrated and processed at the edge, **unifying devices, managing connectivity, and enabling AI-driven, real-time insights across the care environment and integrated systems.**

The Result

🔔 **Up to 80% improvement** in staff response times and care quality through streamlined, real-time alerts

📈 **50% improvement** in coordination of care between caregivers

⚠️ **4 automatically detected** falls in the first month of service

🕐 **Quantifiable visibility** into caregiver time and resident interactions, enabling better understanding of increasing acuity over time

⛶ **Reliable, scalable operations** across facilities and integrations, enabled by unified, secure edge orchestration

> We were excited at the prospects of partnering with CTHINGS.CO having seen the quality of their solutions firsthand. I think the power of our collaboration and integration will provide great value to clients. We are looking forward to how we can continue to push innovation forward together.
>
> **TED TZIRIMIS**
> Intrex | CEO

> Partnering with Intrex allows us to extend Orchestra into senior care environments where reliability, real-time response, and operational coordination are critical. By securely orchestrating wearable and sensor data at the edge and applying AI operational intelligence, we help care teams act faster, coordinate better, and scale proven care workflows across facilities.
>
> **ŁUKASZ BALAS**
> CTHINGS.CO | Chief Commercial Officer

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