

# EDGE ORCHESTRATION FOR MANUFACTURING

## About CTHINGS.CO

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 Tatwah



Tatwah is a global technology company specializing in RFID, NFC and smart identification solutions for industrial, logistics, smart city and infrastructure use cases. With a focus on connectivity and data management, Tatwah designs and manufactures high-performance products that enable businesses to optimize operations, enhance security, and improve decision-making. Their commitment to quality and customer satisfaction has made them a trusted partner for organizations seeking to leverage the power of IoT.

# The Challenge



Organizations struggle to connect physical assets to digital systems in a scalable and secure way. The main problem is that **data is often fragmented** across different departments. This lack of **seamless integration** makes it very hard to see where assets are or how they are moving in real time. Without a way to collect and clean this information right where it happens, businesses face **high costs and frequent delays**. These gaps in communication between the factory floor and the office prevent companies from **growing their digital projects** across multiple locations without running into technical walls or security/compliance risks.

# The Solution



Tatwah's **RFID / NFC smart tags and identifiers** integrate with the **CTHINGS.CO Orchestra Platform** and **Edge IoT Gateways and Connectivity Cards**, enabling seamless end-to-end asset identification, data collection and real-time visibility from the physical world to cloud applications. This partnership bridges the gap between identification at the asset level and actionable IoT data at the Edge. Additionally, by ensuring traceability of assets and data flows from edge to cloud, organizations can more easily demonstrate compliance, reduce regulatory risk, and scale IoT deployments confidently across European and global markets.



## The Result



- **Improved asset visibility and traceability** with data processed locally at the Edge for low latency and resilience
- 🕒 Filtered, aggregated, and secured data before transmission enables **faster, interoperable and future-proof IoT project deployment**
- ⬇️ **Reduced operational costs and downtime**
- 🔗 **Compliant, scalable architecture across many sites** with seamlessly integrated data into existing IT / OT systems

Partnering with CTHINGS.CO allows us to extend the value of RFID and smart identification far beyond simple tracking. Together, we enable scalable, Edge-driven IoT solutions that deliver real operational impact.



**LAURENT SCHWARZ**

Tatwah SA | Business Development Director IoT



Tatwah's expertise in RFID and smart identification perfectly complements our Orchestra Technology Stack. Together, we demonstrate how interoperable Edge IoT ecosystems can be deployed quickly, securely, and at scale.



**ŁUKASZ BALAS**

CTHINGS.CO | Chief Commercial Officer



Start your digital transformation journey

[Book a live demo](#)

or

[Sign up for free](#)