



Zence tracks Skanska employees for safety with 93% accuracy

"With only 2 Kontakt.io Gateways, we managed to cover a 300m area inside of a mountain. We have experience with some very high-end BLE solutions, but Kontakt.io blew all of it away with range in this environment."

Glenn Rana
Zence, Founder



300m
AREA COVERED

2
GATEWAYS

93%
ACCURACY

15
CARD BEACONS

Problem

Skanska Construction was using technology to confirm the entry and exit of workers in accordance with Norwegian laws. However, they needed a new solution that would offer higher accuracy and decrease hassle.

Situation

Skanska's existing solution leveraged RFID to record entrances and exits. However, this required workers to pull over while driving. Furthermore the construction site spanned the largest tunnel in Norway, making it difficult for Skanska to be certain their workers were safe while on the job.

Solution

Zence used Kontakt.io Gateways to cover the 300m space inside the tunnel. They equipped each worker with one Bluetooth beacon whose signal could be read even as the employee drove past. The cards were read at 80km/h with 93% accuracy, largely automating the process and reducing the number of times workers had to exit their vehicles. Skanska was able to prove legal compliance with much more efficiency. Furthermore, Skanska could increase safety in the tunnel by combining these beacons with an app used to track worker movements.

Zence's Beacon Experience

"I strongly recommend Kontakt.io to anyone working with BLE and beacon technology, not just for the people and the support, but also because of the great products. They are going to be one of our most important suppliers in our upcoming BLE-projects.

Recently, Zence Technology was under extreme pressure and tight deadlines for a large project in Oslo. We asked several BLE suppliers, but none were able to deliver on such short notice.

When I called Kontakt.io on a late Thursday night, they assured us they could make it happen. They arranged a shipment to Berlin from the main office in Krakow just so we could come early the next day and pick it up.

When I arrived in Berlin the next morning, I found all my beacons and Gateways ready and waiting. For a company like ours, this kind of service is extremely important, and it was this kind of service that saved our big project.

Even though Kontakt.io was under great pressure, all our beacons and Gateways came preconfigured and ready for our web panel. That meant our technical people were able to start planning and working before the tools were even in their hands."