pozyx®

Accurate positioning.

How a fish processing company

improved efficiency and **cost calculations** with a Pozyx UWB Solution

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One of the key players in the Belgian fish processing industry specializes in distributing fresh fish to retailers by using **state-of-the-art production lines** and **workstations**. Because the quality of fish depends on the shortest time between capture and the customer's plate, the company is always looking for solutions to make processing more efficient. It was also looking for a way **to create clear time and cost calculations.** That's why it teamed up with an integration partner and Pozyx **to deploy a reliable RTLS** (real-time locating system) **with UWB to track processing times and cost, workstation efficiency, and more.**

THE CHALLENGE OF
Fresh Fish

Several tonnes of fish arrives at the company's facilities each day, fresh from the sea, and ready to be processed in a variety of specialized workstations. They perform everything from basic bulk processing over special services (modified atmosphere packaging) to dedicated frozen fish handling: there are many moving parts to working with fresh fish. Salmon, for example, is one of the most popular products and can take many different processing steps. From simply portioning it to filleting the salmon over slicing it, or creating carpaccio or minced salmon. Each step takes time and everything adds up in terms of time and cost.

Processing Waters

The modern facilities make it efficient to process fish, but getting insights into time and cost calculations is difficult since there are many operations to complete. To visualize the entire process, the company was looking for a solution that was effective, reliable, and easy to use. Managers often faced challenges with knowing who is processing what, how long it takes, and where a load of fish is located in the entire process. What's more, without clear data it is impossible to run correct calculations and more importantly to efficiently price its services.

SMOOTH SAILING WITH

Ultra-Wideband

Pozyx installed a complete UWB RTLS solution with 18 Anchors and 110 Tags to create a clear picture of the facility. The floor plan was neatly divided into different logical zones for each step of the processing process. As people move around to work on different parts of the fish, their Tag shows what's being worked on, for how long.

"We immediately saw the broad application possibilities of the Pozyx UWB solution. The technology easily replaces barcode scanning, for example. It's also a better solution than using an employee's fingerprint to register their physical location at a workstation. All we need today is someone wearing a Pozyx tag, that's it".

INTEGRATION PARTNERS

Another important benefit of the Pozyx UWB technology is that it works well in difficult environments. The Pozyx hardware had already been field-tested in colder environments and applications where food standards play an important role. As a result, temperature, humidity, and strict food processing protocols were not an obstacle.

The integration partner connected the data stream from the Pozyx positioning engine with the company's ERP system to make it easy to start running calculations on both time and cost. In turn, it gives the fish processor insights into how it can organize its facility more efficiently, better allocate people and resources, and make sure price calculations are very accurate. What's more, the Pozyx UWB system also makes time registration automatic. Especially in the challenging environment of fish processing, badging or scanning is now a thing of the past.

BENEFITS

- Automatic & error-free time registration
- Better product cost calculation
- Improved lead times and accurate data
- Bottle-neck detection
- Workstation efficiency data

ABOUT **POZYX**

Pozyx Inc. is specialized in accurate indoor positioning based on ultra-wideband technology (UWB). We translate real-time location data into insights to elevate your business or event. Pozyx designs and develops hardware, firmware, and software to create integrated solutions. The company was founded as a spin-off from the prestigious Ghent University in 2015. Today, it serves over 3000 customers in more than 80 countries worldwide.

Designed & Made in **Belgium**

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