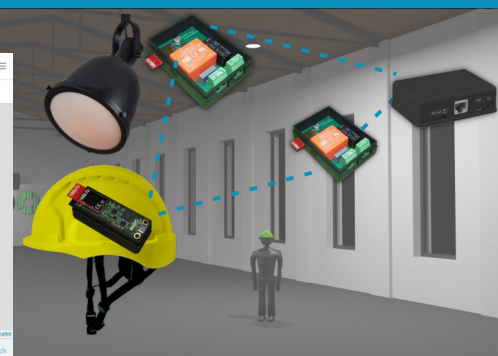
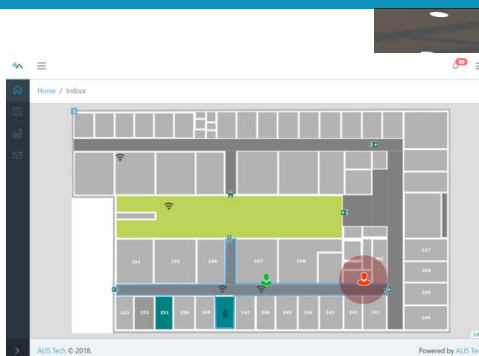


ALIS - localization & safety monitoring system

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up to **1**
 year on
 a battery

around **7**
 metres precision
 of human or device
 localization

over **50.000**
 square metres
 under control



The Idea

The main idea of ALIS Tech was to create a system that would help in the areas of **safety** and health monitoring, **logistics cost savings**, and material flow **optimization**.

The solution should be on-premise or as a cloud service and work indoor as well as outdoor.



The Solution

The **ALIS** monitoring system consists of:

Locator - equipped with sensors (eg in safety helmets, vests, in monitored objects); **Reader** - device for covering the monitored area with a signal; **Gateway** - device for transferring data from IQRF to Ethernet or the Internet; **Software** - GUI for monitoring, displaying alarms, and triggering predefined scenarios.



The Results

The system can evaluate the **injury** or **security risk** and inform a responsible person about the exact location by SMS, calling or email. It also helps to monitor the movement of the handling technique, optimize its routes, and draw attention to possible collisions. It can also be used to **track goods indoor** and **outdoor**.



The IQRF Benefits

Thanks to the **IQRF** platform, it is possible to create huge wireless infrastructure and achieve very **long battery life**. It's usable in the environment where Wi-Fi or BLE are disturbed. The solution is easily **modified** according to customer's needs thanks to project-oriented **IQRF IDE**.