

A Geofencing Roll Out!

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By Onwave

Track workers perform high-risk tasks in all-weather conditions, 24 hours a day, 7 days a week. They regularly need to visually inspect the same track area for debris, faults, and defects to prevent train derailments and other accidents, and to ensure that trains can run on time and keep passengers safe. In the UK, over 15,000 track workers maintain a network of nearly 20,000 miles of track.

As part of a concerted effort to improve track worker safety, Network Rail has approved geofencing wearable devices as a backup system to alert track workers when they lose situational awareness.

Onwave's OWL team works closely with the trackside worker team to understand which areas need to be geofenced. Once identified, these zones are created on a map interface that is linked to the wearable devices. Red indicates areas where live rails are present, and green indicates areas where it is safe to work. Geofencing zones can be expanded to include multiple line blocks.

Learn more in the company's case study here <https://eu1.hubs.ly/H05Y6ST0>

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