

OWL Protecting the Environment

Using OWL to protect SSSI's.

AT A GLANCE

Challenges

- Large area coverage
- Potential environmental impact
- Situational awareness within new areas

Benefits

- Reduction of environmental harm
- Reduction of safety risks
- Real time information



OWL is a location-based safety system that uses geofencing technology to help rail-based teams visualise and understand their surroundings, increasing situational and hazard awareness and keeping teams safe in the field.

Objectives

A large infrastructure consulting firm approached Onwave for assistance in preventing their teams from entering Sites of Special Scientific Interests (SSSI) whilst carrying out environmental assessments. Due to the presence of ground-nesting Little Ringed Plovers, which are a protected species. The team needed to prevent encroachment into these h protected areas.

Solution

To prevent the entry these SSSI areas, Onwave implemented OWL it's geofence technology platform, consisting of a portal, mobile app, and wearable devices.

The teams were also able to add additional information and visual zones which were visible to field users on the mobile app. The boundaries for the project site was set up with defined location with designated zone limits. For workers with alerting to automatically notify both the workforce and their supervisors should they move into designated no go areas.

Outcome

Using OWL, the teams have been able to:

Ensure SSSI protection

Teams were able to remain compliant and ensure to maintain the safety of surrounding biodiversity

Utilise real time notifications

Real time information proactively prevented any incidents on the field.

Contact us today to learn more