

Safety Advice



everyone
home safe
every day

Geofencing – Addition to NRA24-10

Issued to: **All Network Rail line managers, safety professionals and accredited contractors**

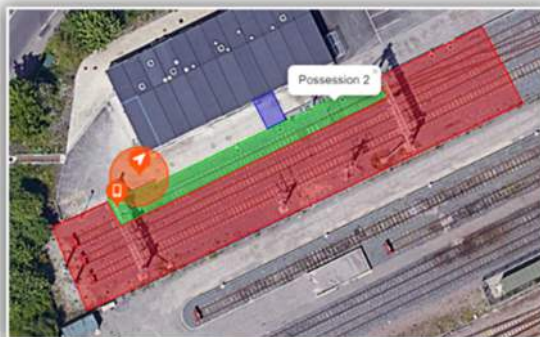
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Location: National

Contact: [Dave Allen](#), Programme Manager,

Technical Authority



Overview

This Safety Advice supports Safety Advice NRA24-10 and relates to the withdrawal of NR/L2/OHS W4:

The updated Product Acceptance (PA05/07418 Issue 7 Onwave and PA05/07419 Issue 7 Tended) removed the option to use this as a warning device. Network Rail Standard; NR/L2/OHS/501/W4 was subsequently no longer relevant and has been withdrawn.

Clarification – The withdrawal of the standard does not impact the ability for the technology to be used in line with the current Product Acceptance. Therefore, Geofencing systems are approved for use as described below where there is a suitable Safe System of Work in place (as defined within Network Rail Standard NR/L2/OHS/019).

Approved for use:

To provide location information and alerts to improve situational awareness to users in line with the rule book requirements. This includes:

- Increasing the awareness of users through the transfer of situational information and alerts;
- Supporting the distribution of information associated with the location of works on Network Rail operational infrastructure;
- Facilitating the management, placement and control of assets, plant and equipment (tagging).
- Improved placement of boards and detonators, clear and always right access point, limits of worksite protection

Geofencing has an important role to play in improving the safety of our railway and Network Rail are actively pursuing additional sustainable uses for the technology across the business

Immediate action required

Network Rail and the supply chain should evaluate and can use the technology as advised in Safety Bulletin NRA24-10 and the updated Product Acceptance certificates as described above. Network Rail will continue to assess the suitability of the technology for use in additional use cases including those detailed below:

- **Worksite Safety and Efficiency**- Introducing virtual worksites, virtual site specific management
- **Plant and Equipment** – Visible plant and equipment management, reducing runaway risk, minimising points run throughs

Safer Possession controls- Assisting moving trains and On-Track Machines through possessions

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