



Network Rail

Network Rail own, operate and develop Britain's railway infrastructure of 20,000 miles of track, 30,000 bridges, tunnels and viaducts and the thousands of signals, level crossings and 20 of the UK's largest stations

“it is be more beneficial than a standard H&S board, as it is more noticeable than pieces of paper on a wall. It can be centrally controlled and all the information can be sent straight to it, meaning it is always up to date. I believe that this could be an opportunity for Network Rail to produce safety alert video briefings to ensure a consistent message is delivered to all staff on our sites.

Justin Owens, Network Rail Construction Manager, Wales

What adi Telecom does:

- Delivers a wide range of fixed, mobile and cloud, voice, data & multi-media solutions
- Works with industry leading service partners such as Vodafone, EE, BT, GCI, Gamma TriplePlay and Microsoft
- Creates bespoke and integrated customer solutions

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The Opportunity

Network Rail are a major engineering business, every day, more than 4.6 million rail journeys are made in the UK. People depend on Britain's railway for their daily commute, to visit friends and loved ones and to get them home safe every day. They pride themselves on their Health and Safety culture, processes and procedures, but they wanted to deliver a richer, more impactful multi-media safety messages to their sub-contractors, on multiple remote sites, many without a broadband or even mains power connection.

The Solution

adi Telecom started working with Network Rail in the Spring of 2017. adi Telecom developed a 'cloud hosted' multi-media streaming solution based on our TripleLite platform, delivered over EE's 4G mobile broadband connections to digital display screens at 14 engineering depots and track side site cabins. All the content, scheduling and screen media players are controlled through a central portal allowing Network Rail to delegated authority for the appropriate sub-contractor for their engineering teams in each track section.

The Benefits

- This solution has delivered a number of significant benefits:-
- The screen content is always fresh, dynamic and relevant
 - The messages can be a mix of text, images, animations and videos; covering project updates, key milestones, employee information, Health and Safety messages, Near Miss reports and Training information.
 - Network Rail and their sub-contractors have been able to develop tailored multi-media content for their screens; e.g. Network Rail have run a series of near-miss videos showing how easily an accident can happen, Balfour Beatty have commissioned a series of short animated films to highlight specific Health and Safety issues
 - Network Rail used the network of screens to show a series of training videos as part of their 'Working at Height' initiative.
 - The screens can deliver real-time content such as tickertape news, weather updates, major alerts and incident reports.