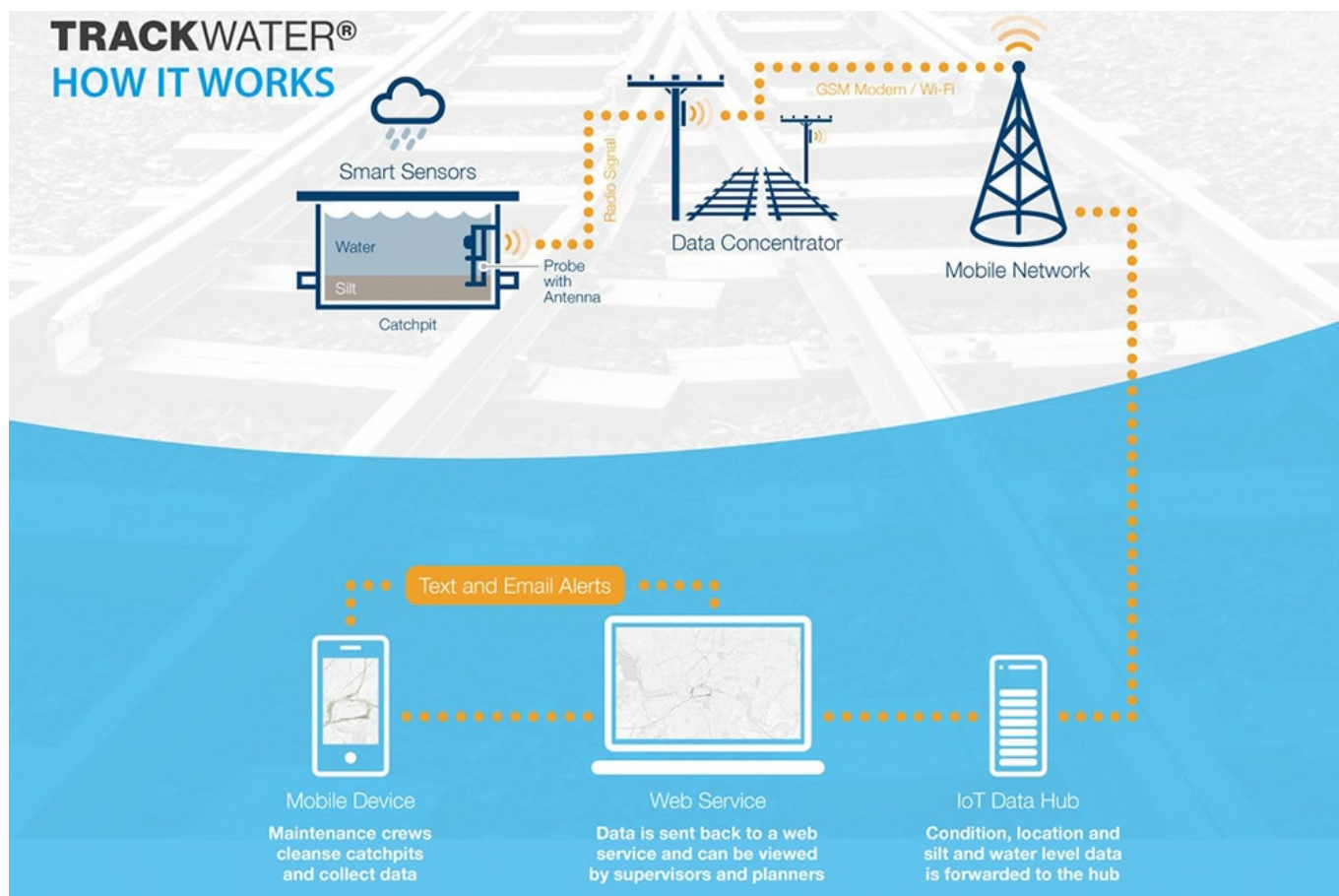


# RailSense announces the launch of Flood Detection solution for rail – TrackWater

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**RailSense**, a leading provider of innovative IoT solutions for the rail industry, has announced the launch of TrackWater, a new addition to their suite of railway monitoring and reporting products. TrackWater is a sensor and data-driven product designed to reduce the incidence of flooding on the rail network and improve safety for passengers and operatives.

TrackWater uses IoT sensors and data modelling to better manage and predict the maintenance of railway assets. By proactively managing drainage assets, maintenance costs, flood events, and delay minutes are reduced. This approach improves safety for passengers and operatives, while also reducing the impact of flooding on the rail network.

Utilising technologies pioneered on the highways, TrackWater was developed through a consortium including Network Rail, Lancaster University and Connected Places Catapult. It was co-funded by the Department of Transport and Innovate UK. The TrackWater technology has now been adapted to meet the need to manage surface water within rail and reduce the impact of flooding on the network and is Network Rail approved.

TrackWater brings a comprehensive approach to surface water management within rail, utilising advanced technologies and data analysis to provide rail operators with the tools they need to manage their assets more effectively.

Speaking about the launch of TrackWater, RailSense managing director Andy Chick said: “We are delighted to announce the launch of TrackWater, which is a new and innovative product in our suite of rail products. The use of IoT sensors and data modelling is critical to managing railway assets more effectively and improving safety for all stakeholders. With TrackWater, we are bringing the best of highway management technologies to the rail industry, helping rail operators to reduce maintenance costs and improve safety for their passengers and operatives.”

TrackWater is designed to be user-friendly, with an intuitive interface that makes it easy to monitor the status of drainage assets and predict maintenance needs. By using advanced data analytics, TrackWater can also provide real-time alerts and predictive maintenance recommendations, allowing rail operators to take proactive measures to reduce the impact of flooding on their network.

RailSense’s expertise in IoT and rail technology has already made them a market leader in the rail industry. With the launch of TrackWater, they are continuing to push the boundaries of innovation, bringing new and exciting products to the market that are designed to make rail operations safer, more efficient, and more sustainable.

For more information about TrackWater and other products in the RailSense suite, visit [railsense.co.uk](https://railsense.co.uk).