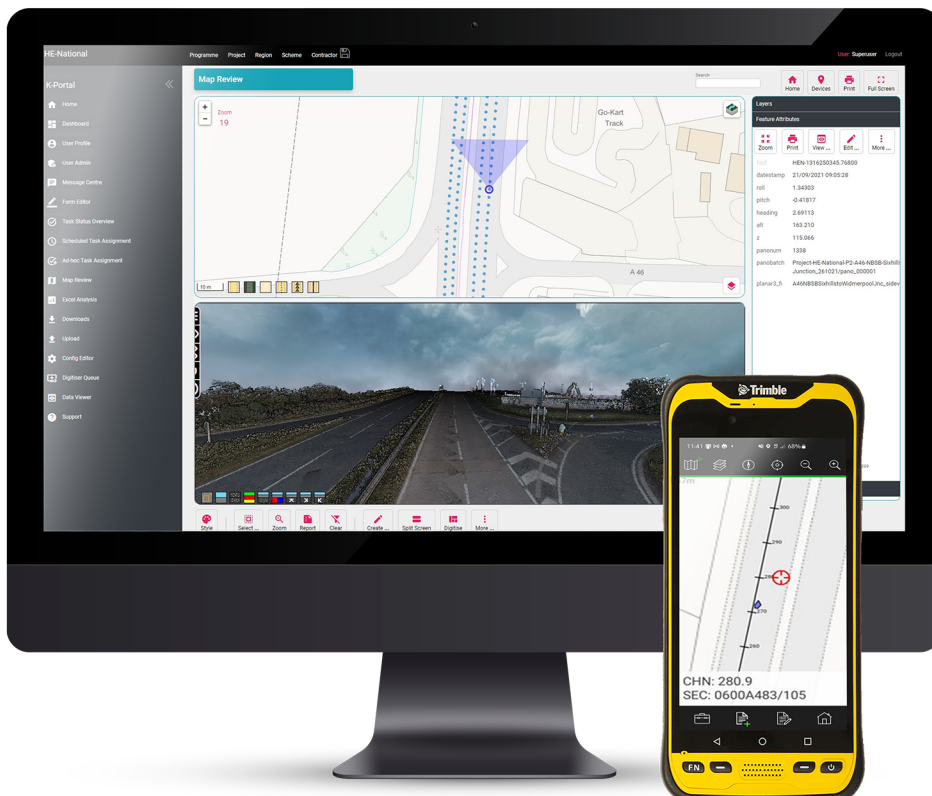# KLEARVIEW 360

For **HIGHWAYS** - An end to end digital data management solution for collaboration and sharing

KLEARVIEW360 & K-CAPTURE
Portal and Mobile Application
Powered by AI/Machine Learning

"Typically, to close a road and mark-out a 5km stretch of dual carriageway for defect repairs would take three shifts of 8 people and cost between £3k and £10k depending on the size of the job. Using K-MATIC's 'KLEARVIEW360' functionality, we can now achieve the same amount of work in just one shift saving us around £20k on each 5km stretch."

Mike Ambrose, Technical Lead, National Highways

EMPOWERING YOU
WITH NEXT GENERATION SOLUTIONS TO
UNLOCK THE POTENTIAL
OF YOUR GEOSPATIAL DATA

CAPTURE
Transform data management from the field to the office

Intelligent workforce management solution that integrates precise GPS, mobile mapping, and GPR data

Digitise processes and provide real-time data in one easy to use solution

ANALYSE
Combine and analyse complex geospatial data from various georeferenced sources, such as network models, core samples, CAD design, drainage modelling, and IoT devices

Employ AI and machine learning algorithms for automated analysis

Examine surface defects, and conduct extended assessments of defect repair methods

RESPOND
Single and cohesive view of diverse datasets and surveys

Facilitate collaboration, knowledge sharing, and decision-making across departments and stakeholders

Developed by **K-MATIC**
KOREC Group Company

The **KLEARVIEW360** platform for **HIGHWAYS** is a simple and intuitive interface, exclusively designed in collaboration with National Highways UK

Seamlessly import and distribute precise mobile mapping data, panoramic imagery, GPR surveys, OS mapping, CAD plans, GIS data, core samples, drainage models and IoT device information to establish a single source data access point

Uniquely derived datasets extracted from Mobile Mapping data including surface orthomosaic, surface model, intensity orthomosaic, slope map, flow map and inverse orthomosaic for the purpose of AI Modelling

Automated AI and Machine Learning algorithms to enable fast defect analysis and establish a baseline for condition assessment

3D Mobile Mapping asset extraction tool using 360 panoramic imagery and point cloud data

A mobile application designed to support:

1. Enhanced navigation to specific coordinates or network chainage locations
2. On-site verification of repair strategies and confirmation of completion status
3. Precise capture of as-built geometry and photographic validation of installed repairs
4. Ad-hoc data capture for additional out-of-design work approvals
5. Tracking lone workers and ensuring safe operations with geo-fencing and alerts

A real-time project management system featuring personalised dashboards for monitoring progress and conducting real-time analysis. Instant access to dynamic, real-time reports

Verification of project fulfilment to guarantee the completion and documentation of all repairs

Automated end-of-shift progress and end-of-scheme reports

BUSINESS BENEFITS

Improved efficiency and productivity

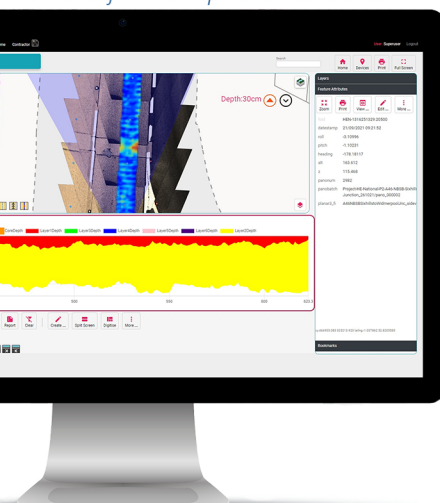Enhanced decision-making

Cost savings

Competitive advantage
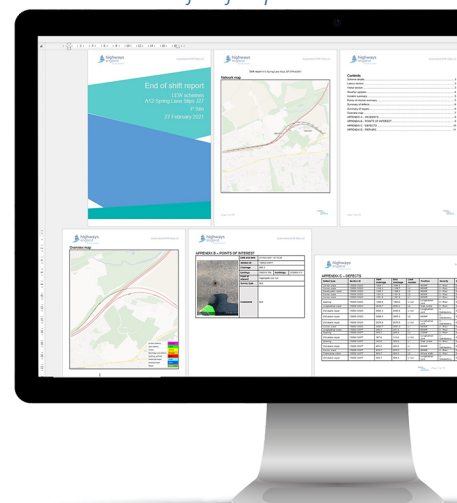
Improved collaboration and stakeholder engagement

View data from multiple sources such as GPR

Capture data on site using high accuracy GPS with the app

Automated end of shift reports

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KOREC MAPPING

For latest and/or more detailed product features, please contact KOREC K-MATIC's distribution partner in the UK and Ireland.