

Media News

HS2 High Speed Rail Project



MissionOS Supporting Project - HS2

Maxwell GeoSystems are delighted to announce that Balfour Beatty VINCI Joint Venture (BBV JV) has selected MissionOS as the Instrumentation & Construction Data Management Platform to support their Main Works Contract for the UK's High Speed 2 railway in the West Midlands.

The long-established joint venture between two global infrastructure leaders is currently building the largest section on HS2's Phase One stretching 90km from Warwickshire to Staffordshire, including a spur to central Birmingham. The works include:

- Two twin bored tunnels by TBM
- More than 10km of retaining structures, including four tunnel portals and two cut & cover tunnels
- More than 35 cuttings reaching over 30km
- 66 embankments reaching over 33km
- Building four motorway crossings requiring box structures and six interfaces with the existing rail requiring both dive-under and over-bridge structures.
- 42 viaducts totalling over 11km, 66 over-bridges, 56 culverts and other under-bridges

MissionOS has a critical role, with 24-7 monitoring, it alerts staff to influences the construction may have on nearby third-party buildings, bridges, motorways, mainline rail, and utilities.

MissionOS consumes masses of data from sensors, real-time feeds from tunnelling machines, and geology. This big data is constantly analysed and compared against engineers' predictions - unexpected changes trigger alarms that notify key people. Staff then collaborate using incident blogging for rapid closure and reporting.

Be sure to check out our website www.maxwellgeosystems.com and subscribe to Follow our company profile on LinkedIn for the very latest news and developments.

**#MGS #HS2 #Construction #HighSpeedRail #Railway #TBM #Tunnels #Monitoring
#InstrumentationMonitoring #SaaS #DataManagement #ConstructionTechnology
#PublicTransport #Infrastructure #UK**

Date: 02/07/2021

Ref: MGS-HS2 02

Our mailing address is:

marketing@maxwellgeosystems.com

You have received this email as previously you were included on a marketing mailing list for Maxwell GeoSystems. If you wish to update your preferences or no longer wish to receive any further email marketing communications from Maxwell GeoSystems you may Update Your Preferences or Unsubscribe by clicking on the links below.

Want to change how you receive these emails?

You can [Update Your Preferences](#) or [UNSUBSCRIBE](#) from this list.

Copyright © 2021 Maxwell GeoSystems, All rights reserved.