

# NTIS DATEX II Portable Travel Time Variable Message Sign (TTVMS) Solution

The NTIS DATEX II Portable solution enables real-time journey time information to be displayed on portable VMS using data from the National Traffic Information Service (NTIS), the same data source that Highways England's National Traffic Operations Centre (NTOC) used to display Journey Time information on the Strategic Road Network's fixed VMS, ensuring consistency of information displayed to the public.

The NTIS validates all data collected from Global Positioning System (GPS) probe devices and confirms the quality and accuracy by comparing the measured journey times and speeds with ANPR and MIDAS data. Benefits of using GPS probe devices include:

- Data is provided by the National Traffic Information Service (NTIS)
- Complete journey time sections can be continually monitored in real time
- Congestions or delays can be pinpointed to within tens of meters as opposed to identifying a section which could comprise several junctions
- Changes in journey time can be monitored – It is possible to reliably identify when journey times are starting to increase or decrease and predict when traffic conditions will return to normal
- Less roadside 'kit' required on site with corresponding reduction in maintenance liability.



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### Key Features

- Messages can be displayed in amber or white.
- Five minute refresh rate is the default setting compliant with Highways England's Major Projects Instruction (MPI-54-062016).
- Manually set a threshold for each route for the minimum and maximum journey time of any route.
- Display alternative messages if the maximum journey time is exceeded.
- Email alerts to multiple recipients if the maximum journey time is exceeded.
- Override journey time messages at any time to display other messages as required.

Use with MVIS' Portable VMS-A or VMS-C.