

MOWIS[®]

Maintenance of Way Information System



State-of-the-art maintenance of way (MOW) information system that is network compatible

What is *MOWIS*?

The *MOWIS* software package is a network-compatible maintenance of way information system that was developed for transit and railway systems. This package includes modules for displaying system maps, track charts, and detailed data on the key track components and infrastructure. It also logs component failures, plans and logs repairs, and forecasts track component failures and rail life.

The *MOWIS* database includes a detailed description of all the various track components in use, including installation data and repairs. This database can be updated by track maintenance employees to provide a near real time record of track and infrastructure components as well as the detailed condition of the track.

MOWIS can record and monitor track inspector defects and defect repairs.

Benefits

- *Most up-to-date record of track for entire system at any given time*
- *Records failures of track components as entered by MOW inspectors*
- *Produces work orders to be assigned to track gangs to repair defects*
- *Displays an accurate running inventory*
- *Easy-to-use and Update*
- *Provides management with an immediate up-to-the-minute report of system status*
- *Provides up-to-date track charts*

How Does *MOWIS* Work?

MOWIS records failures of track components as entered by the maintenance of way track inspectors and roadmasters. From the list of failed components, *MOWIS* produces work orders to be assigned to track gangs to repair these defects. *MOWIS* also records when a defect is repaired and the components used in that repair. *MOWIS* has an up-to-date record of the condition of the track for the entire system at any time. In addition, *MOWIS* also keeps a running inventory of the available components to be used for repairs, including the item descriptions and stock numbers.

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