

ATWS & LOWS

The Rail Infrastructure has recently seen some significant changes with increased line speeds, an increase of daytime passenger traffic of 30% and a 10% increase throughout the day on freight. This has all resulted in less time being available to gain access for essential and routine maintenance.

Green zone working is always the preferred method of working but as we all know, availability is becoming more and more restrictive. As Red zone working is often the only option to undertake planned maintenance and repairs, The Danny Sullivan Group can now offer the best equipment and solutions available to assist in gaining access for maintaining and inspecting the railway infrastructure.

The Danny Sullivan Group is pleased to welcome Wayne Gadsby and Dave Bamford into the team. With almost 30 years combined experience and extensive knowledge working with both Schweizer and Zollner equipment, the team are able to offer the latest technology in the marketplace utilising both the Zollner and Schweizer ATWS & LOWS systems to enhance work site safety.

The Team has fully trained staff with many years combined experience in:

- The planning of ATWS, TWS and LOWS systems in accordance with the module Rule Book GE/RT8000 and the 501 line standard.
- Installation of ATWS, TWS and LOWS systems.
- Operation of ATWS, TWS and LOWS deployment.
- The delivery of a full turn key solution from planning, operating and decommissioning all the way through to the project end.

In addition, we can also offer a trackside lighting and fencing/rigid barrier service, which can run parallel to the ATWS/LOWS protection systems.



ATWS is the ideal solution for medium to long term planned maintenance activities. Once installed and tested it can offer a fully automatic system to ensure adequate warnings are given for all approaching trains into the protected areas.

TWS is a simplified version of ATWS without the "strike out" treadle, thus requiring human intervention to count down the trains as they exit the protected area. It requires less installation and is suitable for short term work sites at busy junctions.

LOWS offers complete flexibility ranging from small non moving worksites, long distance track walking inspection and localised maintenance. In Red Zone restricted areas due to sighting distance LOWS is an approved method of work to overcome the restriction and in addition working during darkness there is no requirement for a 20mph TSR

The system can be portable or static and does not require excessive set up times. It is also higher up the hierarchy than the conventional look outs and greater warning times can be achieved. The Team is looking to develop and grow the business further to cover all areas and promote better and safer working practices and are looking forward to hearing from you.

Please contact any of the below if you require assistance.

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