

4TEL ACCESS MANAGEMENT SYSTEM

Improving the efficiency of Network Control activities

4AMS

4AMS is a software application that enables railway Network Control personnel to effectively manage daily rail corridor operations.

Designed to simplify information, the system provides a single source of truth for day of operations train running, work on track activities and post event reporting. 4AMS centralises information required by operators, ensuring timely decision making and faster processing of detail, ultimately reducing workload and informing better operational decisions.

Train Consist Management

4AMS ensures the proposed train consist complies with the railway's Train Operating Conditions manual, automatically records train running times against schedules and provides detailed train weight and distance travelled data to support network access billing.







Capturing Incident Information

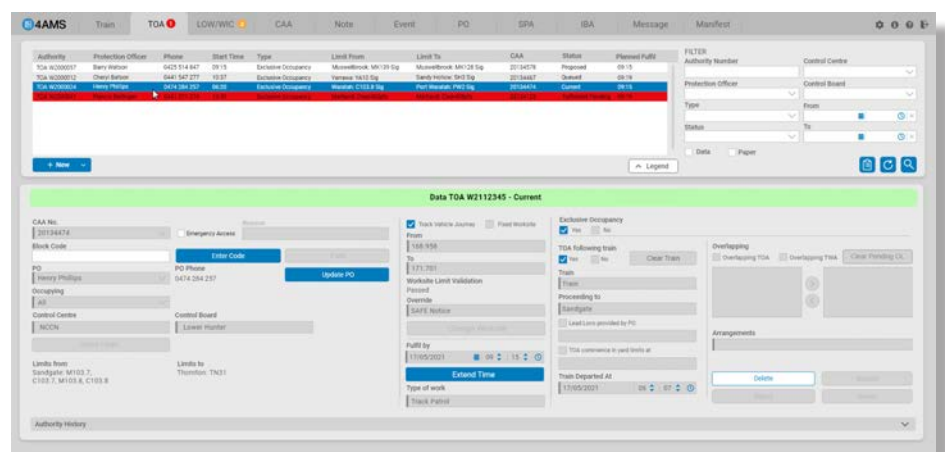
4AMS simplifies the capture of incident and event information and its distribution to stakeholder groups across multiple media via a single action. 4AMS offers a flexible and central

system for recording and sharing information with internal and external stakeholders to effectively manage railway operations in a network control centre environment.

Managing Track Work Access

The safety and efficiency of track work access is improved by 4AMS, providing centralised management of Protection Officer competencies and verifying the Protection Officer is certified to perform the proposed method of track work protection, prior to the work being authorised.

-  Automatic capture of train reporting data
-  Web browser user interface
-  Integration with customer back office systems
-  Deployment options available
-  4PTW mobile app integration
-  Customisable to requirements



The Track Occupancy Authority 4AMS interface provides an executive summary of current TOAs and can be combined with the 4PTW mobile app to reduce the workload of Network Controllers.

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ADDITIONAL FEATURES



INTEGRATION WITH 4PTW

4AMS integrates with the 4PTW Protection officer app to improve the safety and efficiency of track work access.

The addition of this mobile app for Protection Officers reduces the need for voice communications between network control and the Protection Officer, substantially reducing the network control workload associated with managing work on track activities.



REPORTING

Customised reporting based on the needs of the network and control centre is established in scoping.

A standard report suite includes train running, train operations (as required for billing), events details and summaries, Protection Officer and work on track, to name a few. These reports can be sent periodically, triggered by a specific event, or as required.



INTEGRATED SOLUTION

4AMS supports multiple system interfaces to provide integration with train planning, train control, corporate and external systems.

Train reporting functionality aligns train delay event with root cause and schedule impact via a single entry.

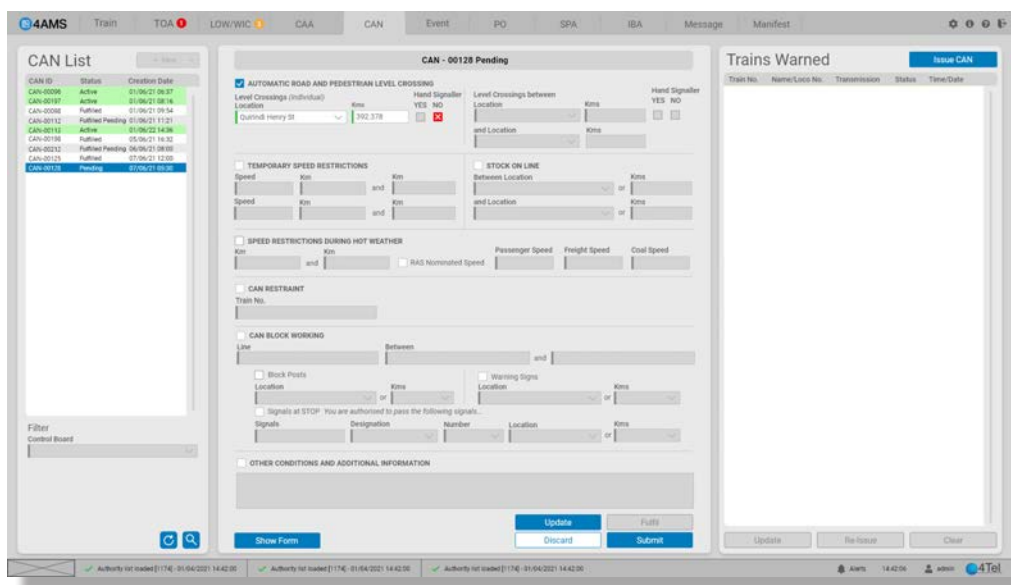
List functionality enables information to be distributed to various stakeholder groups via bulk messaging functions.



CONDITIONS AFFECTING THE NETWORK

4AMS centrally manages all 'Conditions affecting the Network' (CAN) such as temporary speed restrictions to simplify distribution to train crew and maintenance staff.

CANs can be automatically shared with the control system for display on the electronic graph and inclusion in the issue of the movement authority. Related network incidents that may not directly impact train operations can also be recorded.



4AMS provides a centralised database for all CANs across a network.



DASHBOARD

Real-time dashboard of key operational information including on-time running that can be configured to meet specified operational requirements.



DEPLOYMENT FLEXIBILITY

Each rail network has unique requirements for network access and billing management. 4AMS has been designed as a modular system that can be customised to meet specific customer requirements.

ENQUIRE NOW

Request a recommendation or demonstration today.

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