



Access and Billing System

The safe and effective delivery of network management from a control centre requires key functions such as train reporting, event reporting and usage billing to be managed effectively. 4ABS has been designed to meet these needs.

4ABS uses a MySQL or SQL database and webpages over an Intranet or the Internet to display access and billing history data to enable better management of rail network access.

The primary functions of 4ABS are:

- Automatic import of relevant live train performance data
- Recording and managing train running information for billing purposes
- Recording and managing work on track
- Recording of events that impact on or are relevant to train operations billing
- Provision of essential information for shift handover
- Recording of train delay information against train plans
- To maintain train-consist details and train manifest information for train billing and reporting
- Generation of reports



Asset Management System

An Asset Management System 4ASSETS is used to manage the static information about devices and their maintenance history to allow for better asset control. The software interfaces to other 4Tel systems such as 4Site to monitor a device's specific operating status if a fixed asset device, or 4Trak to monitor a device's location and movements if a mobile device.

The software uses a MySQL or SQL database and webpage front end to allow staff access to any inventory data over an Intranet or Internet service. The software can be configured to alert users when licence renewals or programmed services are due.

4ASSETS features:

- Use of an Internet or Intranet browser
- Compatibility with smart phones
- An open architecture for data interoperability
- Low costs to deploy
- Automatic reporting
- Compatibility with 4Site and 4Trak servers to provide real time data

Features & Benefits

Use of an intranet browser

An open architecture for data interoperability

Low cost to deploy

Automatic reporting

Compatibility with external servers to provide real time data

Links with back-office systems for billing generation



4ABS Interface



4ASSETS Interface



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