

Product snapshot

EVA+ Cloud

Rail Data Advanced Analytics



HaslerRail's range of on-board electronics can be interconnected to equip your rail vehicles with a fully networked system for data recording, speed sensing, data and energy management and visualisation

EVA+ Cloud

The smart rail data solution for optimal fleet performance

EVA+ Cloud is a powerful web-based solution used extensively by train operators. Typical user groups include:

- Safety teams as part of statutory incident investigations
- Driver managers to execute journey analysis and train drivers in optimal driving techniques
- Service performance and planning staff to assess timetable adherence and achievability
- Infrastructure managers to identify where maintenance intervention is required
- Control room staff to monitor safety-related events and reduce in-service delays and maintenance
- Rolling stock and ETCS engineers for the in-depth root cause analysis.

EVA+ Cloud receives and translates analogue and digital signals and, where available, ETCS messages from on-board systems. EVA+ Cloud can also blend and enrich data from third-party sources such as journey timetables and energy metering devices.

For operators of passenger and freight services, connectivity and information are key. By combining on-board technology and software solutions we unleash the full power of Big Data analytics to uncover trends, patterns and associations in large amounts of raw data. This provides operations and maintenance teams with valuable insights and empowers them to make data-informed decisions to benefit fleet performance.

EVA+ Cloud customers can also create bespoke rule sets to monitor / filter the data received and generate events. Events can be linked to notifications which can be sent to appropriate members of staff.

Users can produce reports and dashboards to highlight KPIs and where appropriate, prescribe the necessary remedial action.

For operators who maintain their own data warehouses, the data within EVA+ Cloud can also be securely accessed using a standard application interface.

Key Features and benefits

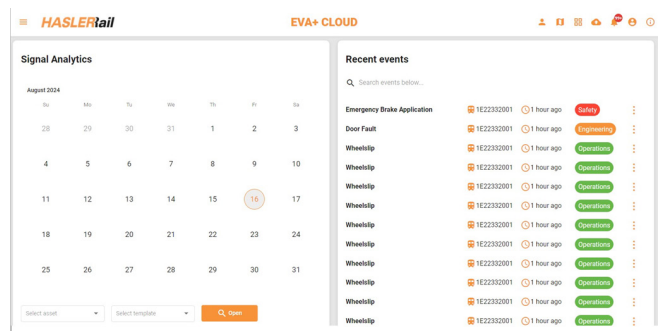
Streamlined safety investigations

Journey analysis to mentor drivers on optimal driving techniques

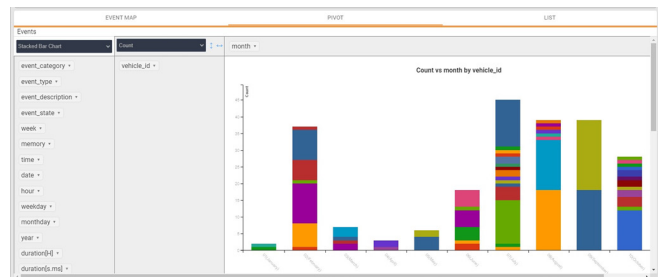
Real-time event notifications for rapid response

Geo-clustering of events for operators and infrastructure managers

Journey analysis for reduced delays



Intuitive user interface minimises user training



Built-in charting capability to identify trends and outliers for operations and maintenance

