AEGIS

AEGIS enables an understanding of fleet performance, not possible with any other existing technology. By integrating multiple positional data with GPS, AEGIS can identify and eliminate small sub-threshold delays that cumulatively has the biggest impact on fleet performance, network delays and Schedule 8 costs.

Using the latest location tracking technology, the AEGIS solution automates and simplifies train movement analysing which allows rail companies to easily gather fleet and network-wide analytics.

AEGIS CAPABILITIES

Analytics
- Train movement visualisation
- Aggregate by Head code/ journey/ leg/ dwell/ unit
- SRT timing comparison
- TRUST data comparison
- TSR impact visualisation and reporting
- Trend analysis
- Performance management tooling
- Machine learning algorithms

Industry application
- Single units or entire fleets
- Full routes or defined sections
- Specific time periods

AEGIS BENEFITS

Performance
- Improve timetables and planning using big-data validation
- Accelerate time-table changes with data-driven improvement proposals
- Perform network-wide SRT validation and improvements
- Reduce schedule 8 costs by reducing delays
- Improve PPM
- Improve passenger satisfaction

Technology solution
- Create accurate and realistic timetables
- Proven big-data scalability
- Extract greater value from your data
- Robust positional technology for precise total-network movement analysis.
AEGIS DESKTOP

- Aggregate data by Head-code, journey, leg, dwell or unit
- Automatically compare aggregated timing data to SRTs
- Visualise multiple train movements over time, between points, or for a particular journey
- Compare TRUST delays with GPS movement data
- Visualise and report on TSR impact
- Year-on-year trend analysis
- Report under-performing units to assist with maintenance
- Automatic detection of station stops and pass
- Overlay on-board data with location data to aid incident investigation
- Requirements
  - HTML 5 compatible web browser.

To arrange a demo and discover more about AEGIS, please contact:
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