



Data-Driven Performance Improvement and Precise Movement Analytics

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 analysis 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

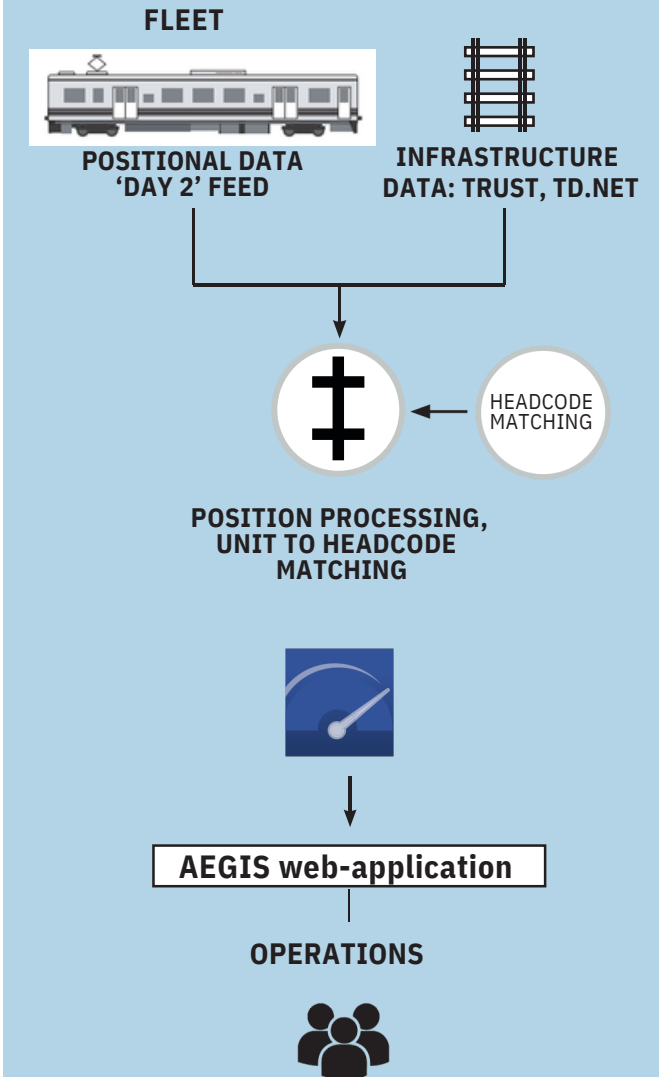
- Improve timetables and planning using big-data validation
- Accelerate time-table changes with data-driven improvement proposals
- Perform network-wide SRT validation and improvements
- Reduce schedule 8 costs by reducing delays
- Improve PPM
- Improve passenger satisfaction



Technology Solution

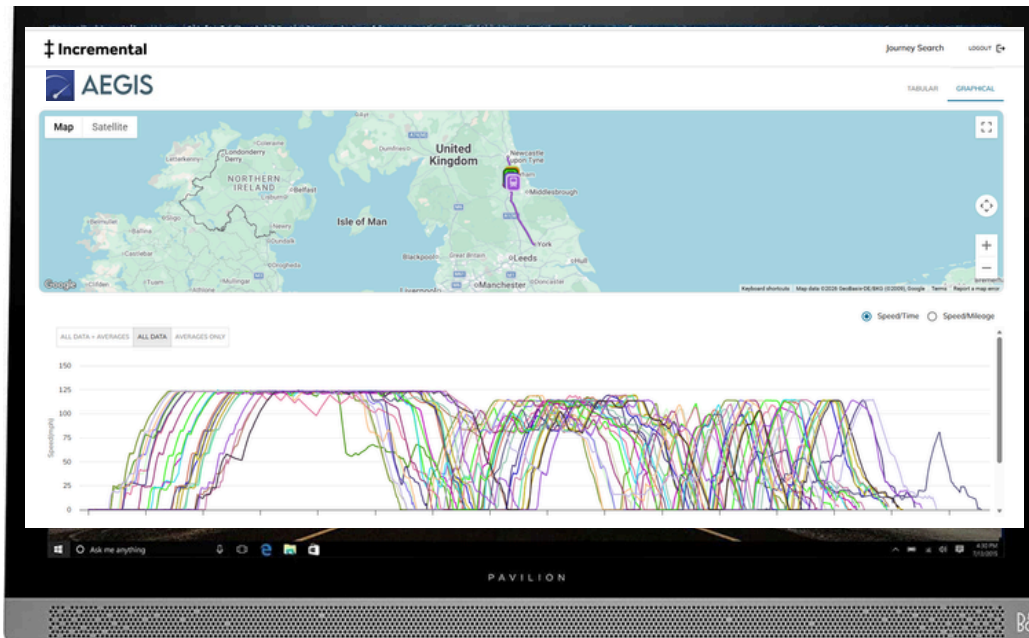
- Create accurate and realistic timetables
- Proven big-data scalability
- Extract greater value from your data
- Robust positional technology for precise total-network movement analysis.

How AEGIS Works





AEGIS



AEGIS DESKTOP

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

AEGIS in the Network



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

Incremental Solutions

t: +44 (0)1904 217316 | e: contact@incrementalsolutions.co.uk