KeTech
0330 057 8450
3 Fulwood Park,
Caxton Rd,
Preston PR2 9NZ
www.ketech.com

Winner

Siemens Mobility
Challenge and Innovate
Award 2020

C-DAS
Technical Information

KeTech's C-DAS is the only fully operational, signalling-connected Driver Advisory System designed specifically to keep trains running on time with the added benefit of delivering on de-carbonisation targets. This innovative solution can be deployed on both new and legacy fleets with flexible display options.

DAS Evolution

Standard DAS falls short of today's requirements because it runs off scheduled information and doesn't have accurate connectivity, therefore if one factor changes, the system is rendered useless. C-DAS is the next generation. Real-time connectivity is essential for the provision of accurate and reliable information. KeTech's C-DAS builds a connection not only between on-board and wayside devices but critically, also with signalling; this allows the system to be situationally aware. These improvements lead to extensive benefits including the current industry priority; decarbonisation.

Intelligent Info

- Advised speed
- Arrival time
- Next station and final destination
- Advised action/next action
- Service consist

Enhanced Analytics

- Report and collate data which can be used to improve operations
- 'Shadow mode' for data collection only
- Intelligently designed to improve in accuracy over time

System Features

- Complies with Rail Industry Standard RIS-0711-CCS
- Effective solution for both passenger and freight trains
- Real-time connectivity
- Suitable for worldwide use
- Suitable for all train models
- Upto 20% Fuel savings
- Aids decarbonisation and a reduction in ware on brakes
- Improves punctuality
- Reduced stop time
- Improved passenger comfort
- Designed and made in the UK

Data Sources

- Signalling
- TCMS (Train Control Management System)
- Darwin
- ETMS Capable
- ESR's and TSR's
- GPS
- Train Characteristics

Display Options

- Flexible software – can be displayed on any web-ready device, fixed or mobile
- Software only option for new trains
- Option to integrate to existing PIS
- Can be retrofitted to extend lifecycle of train