



Innovative Intelligent Controls

Intelligent Controls


Off Highway


Vocational


Bus


Delivery


Utility

Intelligent Controls

Kinetics develops a broad range of packaged intelligent control solutions that enhance drive and power system performance and efficiency, enable asset management and facilitate remote command.

ENGINE MONITORING AND MANAGEMENT

Kinetics' intelligent control systems interface with and provide real time information from vehicles as they operate under varying conditions. Kinetics' controls will monitor vehicle performance to identify areas of weakness and reduce potential breakdowns.

DRIVE SYSTEM OPTIMIZATION



Kinetics has developed highly specialized expertise in transmission optimization using an intelligent sensing and feedback-based system that ensures drive train efficiency under variable load and

terrain conditions. The Transmission Control Module (TCM) balances performance against fuel consumption. In addition, our engineers can create a system to remotely upgrade TCM software so that onboard systems are always up to date.

REMOTE EQUIPMENT CONTROL

Control driving, braking and steering systems remotely. In applications where there are safety and environmental concerns, Kinetics can design and supply remote command systems for vehicles operating underground, under water, or under threat.

ASSET MANAGEMENT

The system can effectively facilitate asset management, keep track of vehicle location using GPS and alert operators when discrepancies are detected. Asset management systems help you automate service intervals to keep equipment in optimal condition. On-board diagnostics can help avert accidents by monitoring tire and brake fluid pressure and provide operators with the required information to take action.

RUGGEDIZED, PRECISION HARDWARE



STW Technic, LP

Using STW's technologies, Kinetics provides programmable, ruggedized sensors and controllers for heavy duty vehicle

applications. When combined with Kinetics' reliable and flexible software, we are able to design powerful control, command and communications systems.



Kinetics Drive Solutions Inc. is a multi-disciplinary engineering firm in the field of intelligent drive systems. Kinetics' engineering team has produced custom drive solutions for world-class equipment manufacturers, defense contractors and component manufacturers.

For additional information:

Kinetics Drive Solutions Inc.
27489 - 56th Avenue
Langley BC Canada V4W 3X1

T 604.607.8877
F 604.607.8825
W www.kineticsdrive.com