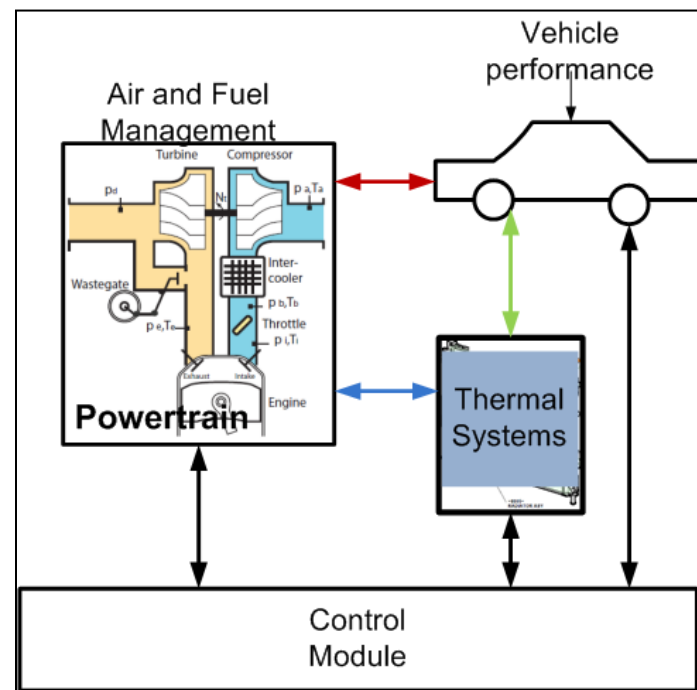


US FOE 2014

Automotive Control Systems

Vehicle performance, emissions management and fuel economy are drivers for advanced engine systems. To meet these needs, control systems are required that

- Account for dynamic interactions (air, fuel, combustion, exhaust heat recovery, ...)
- Thermal management (passenger comfort, component protection, capacity, efficiency...)
- Reconfigurable subsystems & legacy controls
- Enable system optimization



- Low cost electrification for urban public transportation
 - Short distance, low weight capacity, packaging
 - Powertrain customization with local needs