

# AMBULANCE & FIRE PRODUCTS



Teach your vehicles new tricks.

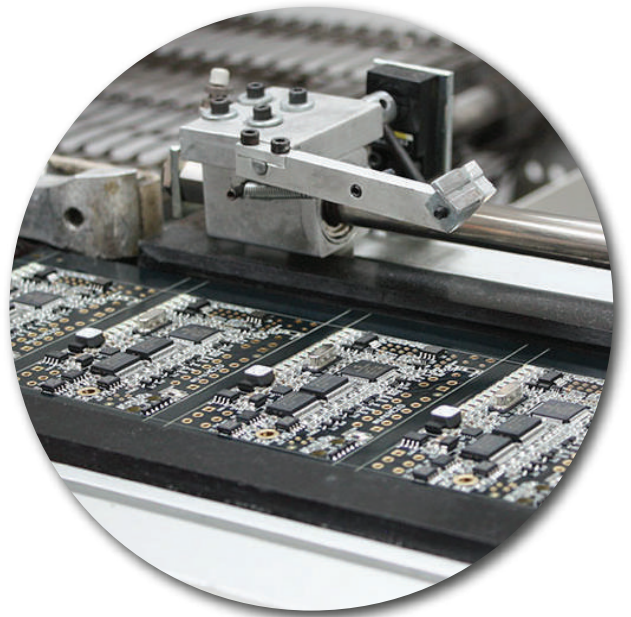
Idle reduction, anti-theft, safety and performance products for ambulance and fire vehicles



**INTERMOTIVE**  
VEHICLE  
CONTROLS

An ISO 9001:2015 Registered Company

# ABOUT



## What We Do

InterMotive Vehicle Controls provides commercial safety and performance optimization products. Our **plug-and-play electronic control systems** leverage a vehicle's own data networks to enhance its function in new ways.

Working closely with chassis and vehicle manufacturers, upfitters and fleets, we design and build products that address safety and performance challenges with practical, custom-tailored solutions.

## Product Solutions Your Way

Our systems include plug-and-play connections to the OEM chassis that minimize or completely eliminate cutting of factory wires.

To accommodate your unique needs, many InterMotive products allow for custom programming. You can choose to order pre-configured modules, custom configs or program yourself.

Downloadable programming utility software and mobile apps provide instant-change capabilities, so your vehicles function exactly how you want.

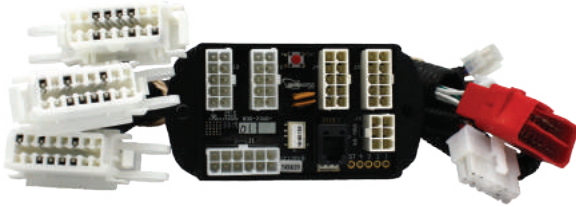


## Proudly Built in the U.S.A.

Our products are manufactured and assembled in-house by our team of dedicated, highly trained employees. Our on-site engineering team often designs product solutions within weeks, versus OEM improvements, which can take years.



# CAN DATA PRODUCTS



## Break Out Box (BOBe)<sup>™</sup>

*Vehicle Network Multi-Access Hub*

### WHAT IT DOES

- Connects multiple devices to the CAN bus
- Provides passive data acquisition using an auxiliary CAN network

### WHY YOU WANT IT

- Removes compatibility issues by decreasing conflicting active requests on the network
- Eliminates the need for multiple harnesses linked to the OBDII/Gateway

## Upfitter Interface Module<sup>®</sup> (UIM)

*Programmable CAN Data Access System*

### WHAT IT DOES

- Provides access to CAN vehicle data to activate and control equipment

### WHY YOU WANT IT

- Easily programmable using our Graphical User Interface with AND/OR logic
- Access to real-time chassis data allows you to customize up to 8 outputs

## CAN Vehicle Controller

*HVAC Control System*

### WHAT IT DOES

- Activates the OEM air conditioning system based on aftermarket equipment requests, even when the front A/C is off

### WHY YOU WANT IT

- Provides A/C for the rear and operates separately from the front of the vehicle
- Includes high idle to improve A/C performance and prevent a low battery
- Meets Ford QVM (Qualified Vehicle Modifier) Q195 requirements



## Upfitter Interface Module<sup>®</sup> +

*CAN Data Access with High Idle*

### WHAT IT DOES

- An advanced UIM product featuring a high idle function and configurable outputs that utilize vehicle data to control loads

### WHY YOU WANT IT

- Fully customizable and programmable using our Graphical User Interface software
- Minimizes battery charging time and improves AC performance
- Remote lock function allows control of doors and cabinets using the OEM fob

# HIGH IDLE PRODUCTS

## Advanced Fast Idle System

*Automatic High Idle*

### WHAT IT DOES

- Idles at up to three customizable speeds
- Automatically protects the battery if voltage drops

### WHY YOU WANT IT

- Provides more power when operating equipment
- Improves AC performance

*See also:*

*Upfitter Interface Module +*

# IDLE MITIGATION SYSTEMS

## EcoStar™

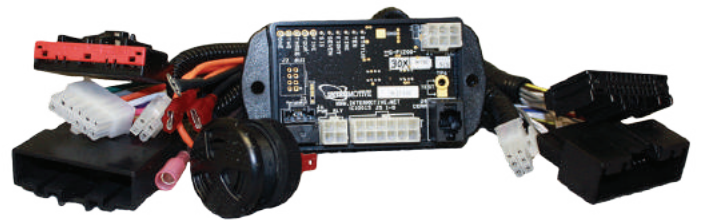
*Idle Reduction System*

### WHAT IT DOES

- Automatic engine stop/start system prevents unnecessary idling

### WHY YOU WANT IT

- Stop/start conditions are fully customizable
- Cuts idling fuel consumption and saves money
- System leaves battery power on to operate lights and auxiliary equipment
- Prevents excessive engine wear and maintenance costs
- Reduces carbon dioxide emissions



# EcoStar III™

Key In/Out Idle Reduction System

## WHAT IT DOES

- Enhanced automatic engine stop/start system provides anti-theft and added customization functions
- Prevents idling, saves fuel and money

## WHY YOU WANT IT

- Includes anti-theft features (key-out mode, shift lock and automatic door lock)
- Mobile app allows users to custom program settings, enable manual remote start and track real-time chassis data

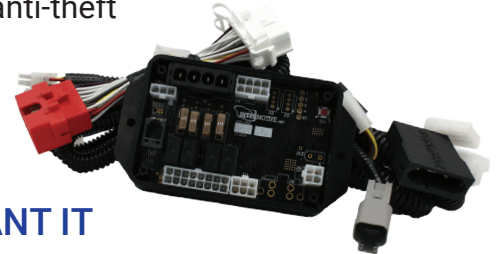


# eVolution & eVolution+™

Intelligent Engine Stop/Start Systems

## WHAT IT DOES

- Charges the OEM and auxiliary batteries by automatic stop/start of the engine
- eVolution+ includes HVAC control function, high idle and anti-theft features



## WHY YOU WANT IT

- Allows full use of the vehicle's equipment without concerns about draining the battery
- Stop/start conditions are fully customizable
- Optimizes fuel economy and helps prevent engine wear from prolonged idling

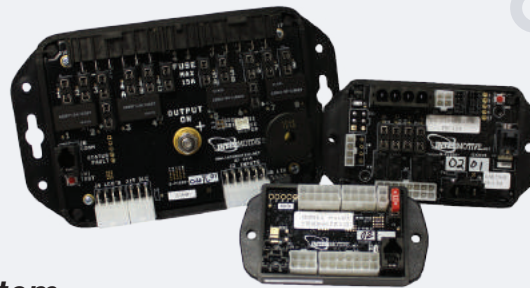
# LOAD CONTROL SYSTEMS

## FlexTech™

Programmable Electrical System

## WHAT IT DOES

- Simple multiplex system designed to control loads and customize vehicle operation
- Connects electronic modules through the vehicle network



## WHY YOU WANT IT

- Minimizes wiring and eliminates the need for timers, flashers and latching relays
- Settings are easily customized through our Graphical User Interface using AND/OR logic

# THEFT PREVENTION PRODUCTS

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## AutoGARD™

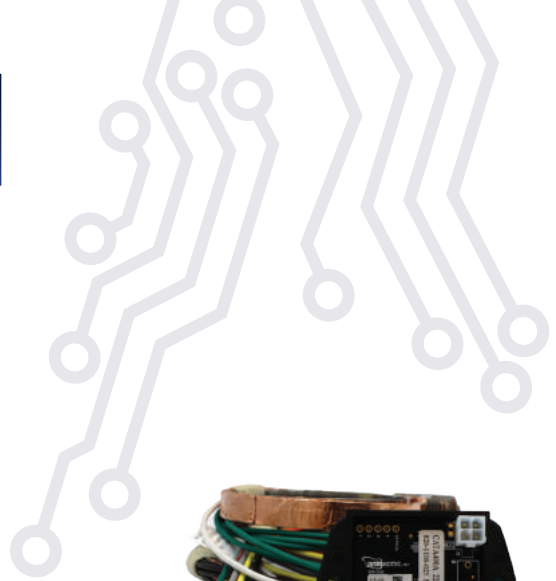
*Anti-Theft Automatic Shift Lock*

### WHAT IT DOES

- Locks the transmission automatically every time the vehicle is placed in Park

### WHY YOU WANT IT

- Provides instant security when the driver exits the vehicle
- Works with the key in or out of the ignition; the engine can be on or off
- Easy one-handed operation to disengage the system using a discrete stealth switch



## CATalert™

*Catalytic Converter Anti-Theft Alarm*

### WHAT IT DOES

- Helps prevent stolen catalytic converters

### WHY YOU WANT IT

- Warns away thieves with an audible alarm
- Option to report real-time tampering via telematic devices
- Protects costly replacement parts

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## Door Lock Module

*Complete Chassis Security*



### WHAT IT DOES

- Allows user to lock/unlock all doors including compartments and cabinets using a switch, keypad or OEM key fob

### WHY YOU WANT IT

- Simple and complete theft protection
- Minimal connections to OEM wiring



## IdleLock™ & IdleLock with AutoSense™

*Anti-Theft for Idling Vehicles*

### WHAT IT DOES

- Allows the engine to idle with the transmission locked in Park
- AutoSense version uses the key fob location to automatically activate the system

### WHY YOU WANT IT

- Prevents vehicle theft while all lights, equipment and HVAC are fully functional
- Driver can remove the key and lock the doors for added protection
- AutoSense version provides automatic security without the need to press a button

# SPEED LIMITER

## Speed Sentinel™

*Road Speed Limiter*

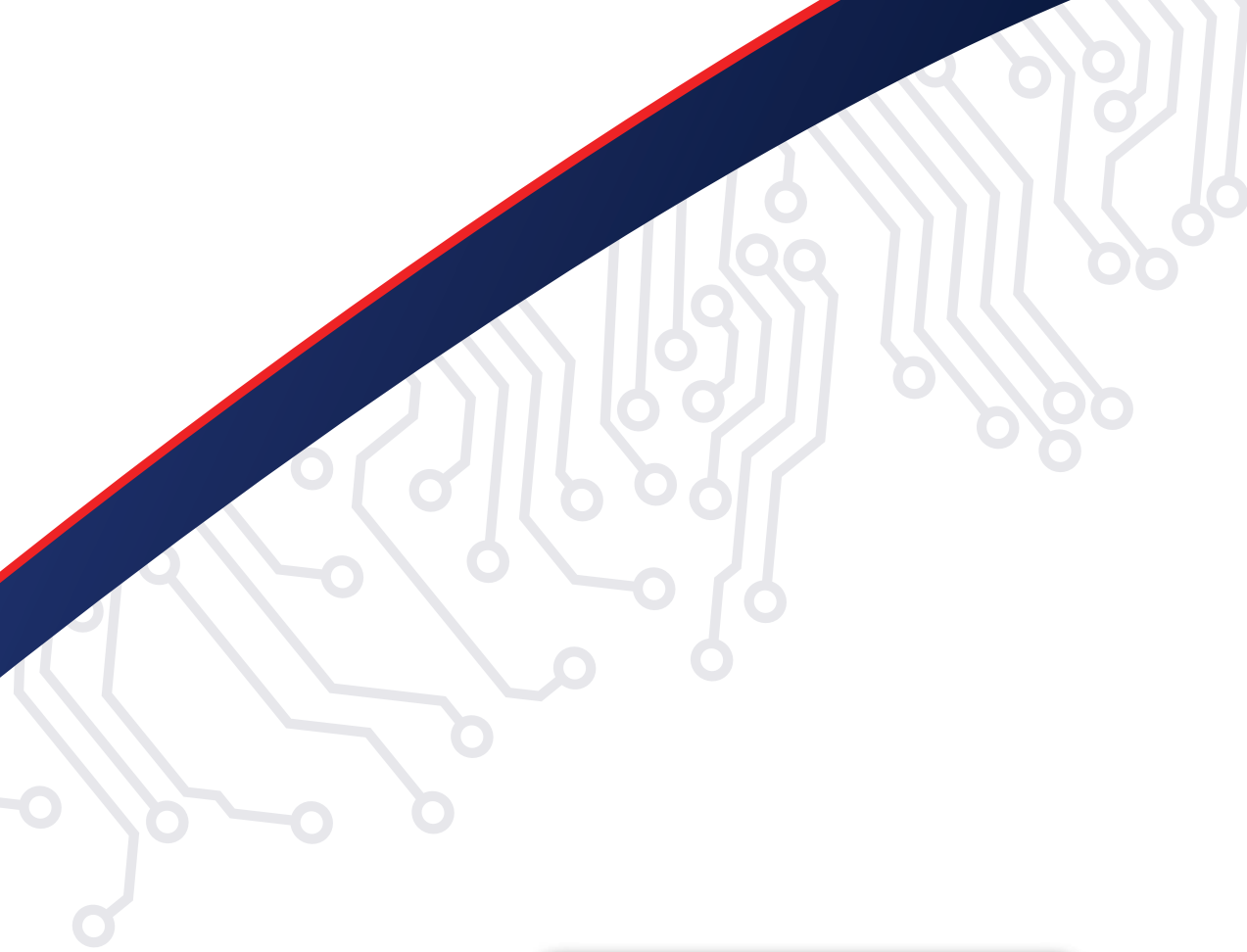


### WHAT IT DOES

- Limits the maximum vehicle speed, but does not limit the engine output

### WHY YOU WANT IT

- Helps prevent accidents and unsafe conditions
- Includes modes for passing traffic, emergency override and a theft deterrent feature



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