



Murphy by Enovation Controls is one of the industry leaders in the control, protection, monitoring of engines and equipment for industrial vehicles.

Combined with DSF TECHNOLOGIES' application experience, this complete range of Murphy display, control and instrumentation solutions allows us to offer our customers a complete solution approach for their needs.

## PowerView® range

This CAN J1939 display range displays engine, transmission and diagnostic information in an easy-to-read operator interface. Equipment functionality can be integrated via the available I/O and controlled via the CAN bus. PowerView® displays have become the standard for real-time monitoring and diagnosis of equipment.



**PV101-A** : Monochrome display, for electronic motor data display via CAN J1939, fault code management. From 1 to 4 parameters displayed,

**PV380** : Monochrome display, for electronic motor data display via CAN J1939, diagnostics, and alarm/fault management. Customization of the display with the configuration software,

**PV450** : Color display, ideal for small spaces, for electronic motor data display via CAN J1939, diagnostics, and alarm/fault management. This screen offers extended programming (I/O, video, buttons),



**PV780** : 7-inch color display, for electronic motor data display via CAN J1939, diagnostics, and alarm/fault management. This screen offers extended programming (I/O, video, buttons),

**PV1200** : 12-inch colour touch screen for electronic motor data display via CAN J1939, diagnostics, and alarm/fault management. This screen offers extended programming (I/O, video).

## E/S CAN bus units



**Intelligent xpansion™** : Input/output system with power outputs (15 amps) to connect our solutions to the vehicle application,

**XM500** : Converter of digital and analog inputs to CAN J1939 communication protocol,

**CAN Drive** : CAN J1939 converter from the electronic motor to LED information (alarm or fault), or to adapt to analog measurement,

## Controllers & cabinets PowerCore®



**MPC-10** : The PowerCore® MPC-10 is a versatile industrial controller for thermal engine applications (mechanical or electronic CAN J1939). Operating in MANU or AUTO mode. This robust model is ideal for mobile or rental solutions.

**MPC-20** : The PowerCore® MPC-20 is a versatile industrial controller for pumping or irrigation applications (mechanical or electronic CAN J1939 motor). Operating in MANU or AUTO mode. This robust model has an IP67 front panel protection. Available in a boxed solution: ML2000.

**TEC-10** : The powerCore® TEC-10 is a turnkey cabinet solution, with the integration of the PowerCore® MPC-10 module, a versatile industrial controller for thermal engine applications (mechanical or electronic CAN J1939). Operating in MANU or AUTO mode. This robust model is ideal for mobile or rental solutions.



**ML1000-4Xpanels** : The ML1000-4X enclosure offers a robust "turnkey" solution, with the integration of the PowerCore® MPC-10 module, a versatile industrial controller for thermal engine applications (mechanical or electronic CAN J1939). Operating in MANU or AUTO mode. This robust model is ideal for mobile or rental solutions.

**ML2000** : The ML2000 enclosure offers a robust "turnkey" solution, with the integration of the PowerCore® MPC-20 module, a versatile industrial controller for pumping or irrigation applications (mechanical or electronic CAN J1939 motor). Operating in MANU or AUTO mode. This robust model offers IP67 protection.

## Gauges



Complete range of gauges, with the possibility of integrating alarm and/or fault thresholds. This range has a recognized quality, robustness and precision. A PowerView® gauge range is available for CAN J1939 electronic motor connection.

Available for :

Pressure, temperature, liquid level, engine speed, operating hours.

## Process monitoring



Solution for visual fluid level monitoring, with a low or high level alert system,  
Solution for visual fluid level monitoring, with an automatic holding/filling system.

## Solenoids



**RP Series:** Single coil solenoid.

**SD Series:** External switch that switches between the call and hold coil.

## DSF TECHNOLOGIES

Official distributor of Murphy by Enovation Controls in France and French-speaking African



### DSF TECHNOLOGIES

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