

PRESS RELEASE

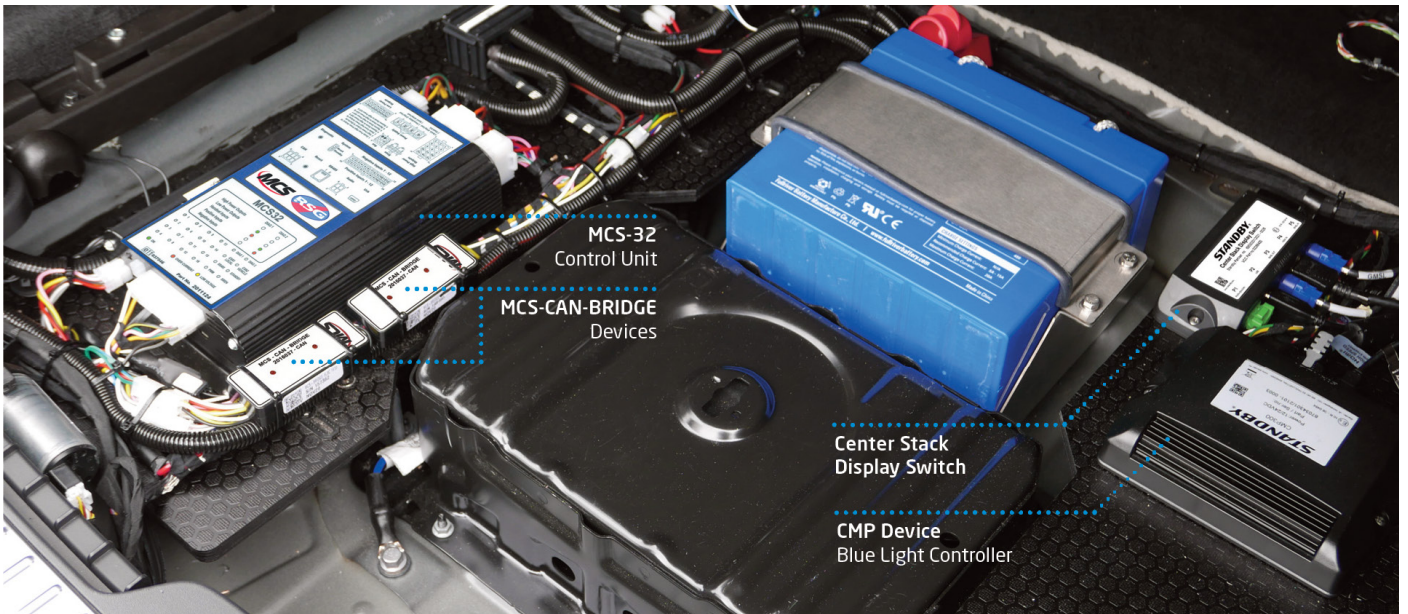
NEW CARAT SWITCH SOLUTION FROM STANDBY RSG



In response to the requirement for a clutter free driving environment, The CARAT Switch System has been developed as a control solution for use with the existing Volvo Infotainment Display. It is a completely unique and long-awaited product that provides a clean and safe graphical user interface for discreet monitoring and control of vehicle and emergency services equipment. Based on the existing CARAT System used by Police, Ambulance and Customs across Sweden, the solution was developed in conjunction with Volvo's SPA platform and fits most 60 and 90 series from 2019, the new 40 series as well as Polestar.

A typical CARAT System setup will include a CMP Controller, a CSDS Switch and a set of pre-configured equipment to operate blue lights and sirens. Although optimised for use with in-house manufactured equipment it can also be used with third-party options.

The Standby CMP Controller generates a GUI which features a range of pre-configured options for the control and monitoring of the vehicle and equipment. The CSDS then acts as a switch to change the display to external source view by double tapping the dashboard home button and can be easily returned to the default infotainment screen by using the same method. For applications such as ANPR system interfacing, the CMP is not required as the GUI is generated by third party equipment. In this case the CSDS switches between the default infotainment screen and the third-party software display.



For users with an LED Matrix Display, a set of pre-programmed options are included which can be configured to allow for on-the-go message selection.

A large 999 button easily puts the vehicle into blue light mode and activates all relevant features at once.

With scope for continued development, the system will be expanded to interface with other third-party equipment and systems over time. The dynamic design allows the solution to grow to meet new requirements as and when they are identified. To avoid operational ambiguity, each distinct application will have its own 'easy access' and unique 'operational screen' and appropriate Sub Menu sets.

Although this solution is only suitable for use with Volvo, the Standby RSG team are currently developing a product which will interface with other new app-based infotainment systems such as those running Android Auto. Due to launch later this year, this solution will allow interfacing across a wider range of vehicles and models.

