

Screen Integration Pre-sales Questionnaire

Completed By:	Date:
CRM Opportunity Ref (if known):	
Name of Customer:	
Name of End User (if different):	

Vehicle Details	
Vehicle Make:	Vehicle Model:
Date of Manufacture:	Vehicle REG if can be declared:
VIN:	

Vehicle Application (tick applicable)	
Marked Car Yes <input type="checkbox"/> No <input type="checkbox"/>	Unmarked Car Yes <input type="checkbox"/> No <input type="checkbox"/>
TETRA Support Yes <input type="checkbox"/> No <input type="checkbox"/>	Standby Matrix Display Yes <input type="checkbox"/> No <input type="checkbox"/>
Radio Terminal (if TETRA Support ticked): SRG3500 <input type="checkbox"/> SRG3900 <input type="checkbox"/> SCG22 <input type="checkbox"/> MTM5400 <input type="checkbox"/> MXM600 <input type="checkbox"/>	

OPTION 1

<p>COMPLETE CARAT SOLUTION: Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Self-contained stand-a-lone solution for screen integrated control of blue lights, matrix, navigation and/or TETRA. Supplied complete with 4 separate items: 1 x CSDS Unit <i>or</i> Video Switch, 1 x CMP Controller, 1 x Cable Kit and 1 x P4S</p>
<p>Dual Video Input CARAT Solution Yes <input type="checkbox"/> No <input type="checkbox"/> (e.g. a requirement for additional ANPR integration or similar)</p>
<p>If a non-Volvo vehicle is selected please go to OPTION 2, SECTION B below.</p>

OPTION 2

<p>SECTION A</p> <p>CSDS DEVICE (VOLVO) <i>or</i> VIDEO SWITCH ONLY SOLUTION: Yes <input type="checkbox"/> No <input type="checkbox"/> for use with 3rd party application e.g. ANPR PC</p>
<p>CSDS Device (only): Yes <input type="checkbox"/> No <input type="checkbox"/> (Volvo only application)</p>
<p>Cable Kit (CSDS): Yes <input type="checkbox"/> No <input type="checkbox"/></p>
<p>Video Switch Kit (only): Yes <input type="checkbox"/> No <input type="checkbox"/> (Non-Volvo application - DVI to hdmi and USB extension not provided)</p>
<p>SECTION B</p> <p>If a non-Volvo vehicle please provide the following information: (provide a file name for each additional image/attachment)</p> <ul style="list-style-type: none"> • Diagonal dimension of active working screen area: • Infotainment version (if possible): • An image of the Infotainment Dashboard • Images of the Vehicle Exterior • Images of the Vehicle Front/Grille

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Hazard Warning Equipment Requirements

<p>Back-up switch or handset/switch unit required:</p>	<p>Switch? YES <input type="checkbox"/> NO <input type="checkbox"/> Handset/panel? YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>If YES to switch: Dual colour MCS UNO Switch including cabling - SWT-308 If YES to handset/panel: Specify which MCS handset/switch unit required.</p>
<p>Lightbar:</p>	<p>CAN Enabled? YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>If YES (MCS only): CAN Bridge may be required - UNI-BRI-001 (Lightbar dependant)</p> <p>Please specify Lightbar:</p>
<p>Lightbar Mounting Bracket:</p>	<p>Is a Mounting Bracket required? YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>Please specify appropriate mounting bracket:</p>
<p>LED Lightheads:</p>	<p>Please specify LED lightheads:</p>
<p>Control Systems:</p>	<p>MCS-32? YES <input type="checkbox"/> NO <input type="checkbox"/> MCS-16? YES <input type="checkbox"/> NO <input type="checkbox"/> MCS-8? YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>NX-32? YES <input type="checkbox"/> NO <input type="checkbox"/> NX-16? YES <input type="checkbox"/> NO <input type="checkbox"/> NX-8? YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>If MCS is ticked YES: CAN Bridge required - UNI-BRI-002</p>
<p>Standby Matrix Display:</p>	<p>Is a Matrix Display required? YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>If YES, and is a CSDS or Video Switch ONLY solution: 19-1517 adaptor cable may be required (dependant on whether 3rd party hardware has integrated the Matrix Display and application).</p>
<p>CCTV:</p>	<p>Is there a requirement for CCTV?</p>
<p>Telematics or IDR:</p>	<p>Is there a requirement for Telematics or Incident Data Recording?</p>
<p>Additional requirements:</p>	<p>Please state any other equipment or features you may require:</p>

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CARAT Switch System

Contains: CMP Device, OS, Cables, P4S (if applicable) and Software License. Also requires CSDS (Volvo) or Video Switch device sold separately.

Note: The system is to be matched to the vehicle type (Marked, Unmarked)		
DESCRIPTION	PART NUMBER	
CARAT Control System for Marked Vehicle with Matrix Messages function (V1.0)	KIT-CMP-V1	
CARAT Control System for Unmarked Vehicle with Matrix Messages function (V1.0)	KIT-CMP-V2	
CARAT Kit for CSDS used on Volvo and Optional CSDS (Dual Input)	KIT-CMP-V3	
CARAT for Skoda Superb (MQB - 9.2")	KIT-CMP-V4	
CARAT Kit for CSDS used on Volvo Dog Vehicle (MCS Only)	KIT-CMP-V5	
CARAT Kit for Audi A6 (8.6" Climate Control Display)	KIT-CMP-V6	
CARAT Kit for CSDS used on Volvo (CARAT 2.1 - MCS/NX)	KIT-CMP-V8	
CARAT Kit for unlisted vehicle application - please enquire	KIT-CMP-VX	

Center Stack Display Switch (CSDS) Device & Video Switches

For use by 3rd party applications - typically ANPR e.g. Cleartone or Attobus

DESCRIPTION	PART NUMBER	
CSDS Center Stack Display Switch - Volvo - Hardware - No Cables	69530201	
Video Switch VW MQB - 8"	OVS-VW-001	
Video Switch VW MQB - 9.2"	OVS-VW-002	
Dual Input Video Switch VW MQB - 9.2"	OVS-VW-002-D	
Video Switch VW MQB - 8"	OVS-VW-003	
Video Switch MQBevo & MEB - 10.0"	OVS-VW-004	
Video Switch VW MLBevo - 15.0"	OVS-VW-005	
Video Switch Skoda MIB III - 13.0"	OVS-VW-005-D	
Video Switch VW - 12"	OVS-VW-006	
Video Switch VW MQBevo - 12.9" / 1920x1080	OVS-VW-007	
Dual Input Video Switch VW MQBevo - 12.9" / 1920x1080	OVS-VW-007-D	
Video Switch VW MQBevo - 10.0" / 1580x700 Seat Forementor only (See Eng)	OVS-VW-008	
Video Switch Skoda MIB IV - 13.0" (with volume symbol on the touch slider)	OVS-VW-009	
Dual Input Video Switch Skoda MIB IV - 13.0" (with volume symbol on the touch slider)	OVS-VW-009-D	
Video Switch Audi - 10.1"	OVS-AU-001	
Video Switch Audi - 8.6"	OVS-AU-002	
Dual Input Video Switch Audi - 8.6"	OVS-VW-002-D	
Video Switch of unlisted vehicle - please enquire	OVS-XX-XX	

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CAN Bridges and Adapters

DESCRIPTION	PART NUMBER	
MCS CAN Bridge with CAN connections to interface with CAN controlled lightbars. Note: The lightbar must be within the lightbar CAN library of the MCS configurator editor.	UNI-BRI-001	
MCS CAN Bridge with CAN connections (telematics and remote control interface). Note: Required to interface CMP with MCS.	UNI-BRI-002	
MCS CAN Bridge with USB A connection (telematics and remote control interface).	UNI-BRI-003	
MCS CAN Bridge with DB9 connection (telematics and remote control interface).	UNI-BRI-006	
Traffic Commander - Matrix Display RS232 Adapter.	19-1517	

Component Part/Spares

DESCRIPTION	PART NUMBER	DESCRIPTION	PART NUMBER
CMP Hardware/License V1 Marked Vehicle with Matrix Messages	67034302 - V1	CSDS - Power Cable	19-1546-I
CMP Hardware/License V2 Unmarked Vehicle with Matrix Messages	67034302 - V2	CSDS - USB Cable to CMP	19-1549
CMP CARAT Power Cable	19-1545-I	CSDS - HDMI Cable to CMP	19-1550
P4S Switch Panel	60530341	CSDS - GMSL Cable IN - 6 metres	60580241
		CSDS - GMSL Cable OUT - 6 metres	60580242

DESCRIPTION	PART NUMBER	
Cable kit for CARAT Switch System (does not include the CSDS device) includes: CMP CARAT Power Cable - 19-1545-I CSDS Power Cable - 19-1546-I CSDS - USB Cable to - CMP 19-1549 CSDS - HDMI Cable to - CMP 19-1550 CSDS - GMSL Cable IN - 6 metres - 60580241 CSDS - GMSL Cable OUT - 6 metres - 60580242	KIT-334 (Not required when CMP Controller is specified)	

DESCRIPTION	PART NUMBER	
Cable kit for CSDS (Volvo)/ANPR System (does not include the CSDS device) includes: CSDS Power Cable - 19-1546-I CSDS - USB Cable to CMP - 19-1549 CSDS - HDMI Cable to CMP - 19-1550 CSDS - GMSL Cable IN - 6 metres - 60580241 CSDS - GMSL Cable OUT - 6 metres - 60580242	KIT-343 (Not required when CMP Controller is specified)	