Ambulance IT Component Plan

Ambulance IT Component Plan			"MAIN" RADIO SYSTEM (APX7500)						PORTABLE RADIOS		INTERNET-OF-THINGS SYSTEM					
									(APX6000)		(TCP/IP)					
MOUNTING LOCATION	Roof			00/800 ntenna	VHF-Hi a	VHF-Hi antenna					5:1 antenna Cell-2/WiFi-2/GPS-1					
			<=RG58=>		<=RG58=>		<=RG58=>			<=Cism=>						
	Electrical/IT cabinet ¹		MAIN TRANSCEIVER								CISCO ROUTER					
			\ 		<=HKN6168=>		^				<==CAT6==>	\ 	\ 	A 	^ 	
	Cab console²			Control h	head & mic 1 A II B II V Speaker 1		======HKN6168=		Chargers		MDT	==CAT6=====	====CAT6========	=CAT6=======		
			ii				nead & mic 2 A II II V Speaker 2		^ II		٨	Smart lock	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<=====================================	======================================	
	Payload module comms panel ³		============power	======================================												
	IV/drug box compartment					====power=			===bower=		:===power=:					
	Payload module action area		===>						. II II II II				Panel dual connector/housing			
POWER SOURCE	OrigEM IGNition circuit		•	•		•			ii ii ii V		ii 	d==>			 	
POV	Voltage-sensing delay timer circuit (ACDC Industries MZL-180)								•		•	•			•	

HOW TO READ THIS CHART

indicates a "brain box" with complex electronics and connectors for antennas or user interface components

<=> indicates a cable run (antenna, power, or signal, as appropriate)

indicates a power stud or tap

NOTES

- ¹ Mount the voltage-sensing delay timer (ACDC Industries MZL-180) within or near the Electrical/IT cabinet.
- ² Although none of the components shown are required to take power from the cab console, we recommend providing 12V positive (+) studs on the IGN and MZL-180 circuits, and a ground (-) stud.
- 3 If a 3 d control head 8 mic combo is specified, it should duplicate what is shown here for Control head 8 mic 2 .