## Ambulance IT Component Plan

Ambulance IT Component Plan			"MAIN" RADIO SYSTEM (APX7500)					PORTABLE RADIOS (APX6000)	CAD MDT SYSTEM (MW810C)			
	Roof		700/800 antenna	VHF-Hi a	ntenna	GPS antenna			WiFi antenn	Cellular antenna (main)	Cellular antenna (aux)	GPS antenna
POWER SOURCE MOUNTING LOCATION			۸ ۱۱ ۷	A II V		^    			A II V	A II V	A II V	A II V
	Electrical/IT cabinet <sup>1</sup>		MAIN TRANSCEIVER						CPU			
			^ !!	^ II V	^    				^ !!		A II V	
	Cab console <sup>2</sup>			head & mic 1  A II V  Speaker 1		lead & mic 2  Speaker 2		Chargers			Dis	A
	Payload module comms panel				Control he			<b>^</b>				
	OrigEM IGNition circuit							-			II II II	
	OrigEM ACCessories circuit		• •		•			ii II V		ll .	ij	
	CustomEM Master circuit		-					V		V	Ÿ	
	Voltage-sensing delay timer circuit (ACDC Industries MZL-180)							•		•	•	
0	OrigEM unswitched BATTery circuit											
	Shoreline circuit											

## 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

- <sup>1</sup> Mount the voltage-sensing delay timer (ACDC Industries MZL-180) within or near the Electrical/IT cabinet.
- <sup>2</sup> Although none of the components shown are required to take power from the cab console, we recommend providing 12V positive (+) studs on the IGN, ACC, and MZL-180 circuits, and a ground (-) stud.