

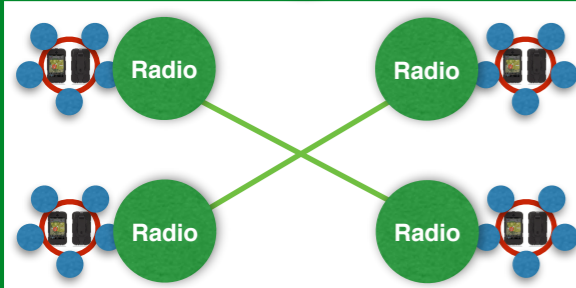
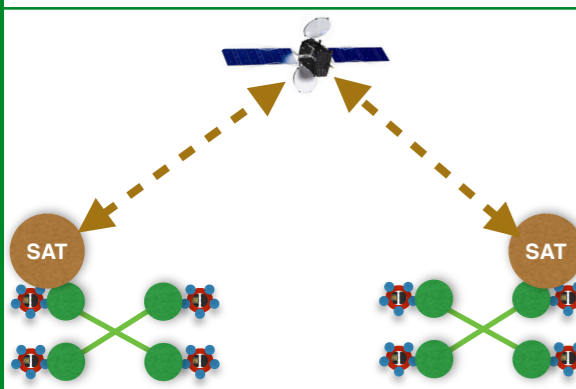
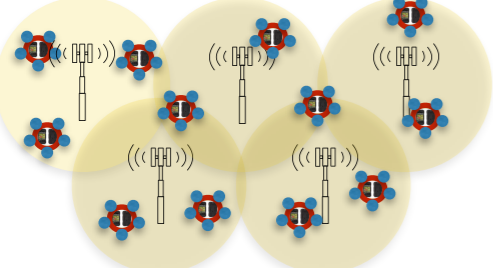


Safe Strike services scalability overview

Every new level inherits all the services included in the previous ones

	Layout	Configuration	Services	Supporting Technology	Encryption	External compatibility <i>(via wearable gateway)</i>
1		Stand alone	Digital mapping Navigation (Land and Air) Topographic functions WP management Tracks management Safety checks Message generation Augmented reality Simulation integration	iOS devices MIL-STD-810 compliant	Sandboxing U.S. Federal Information Processing Standard 140-2 Level 1	/
2		Personal Area Network	Sensors wireless integration: Laser Range Finder (1) Weapon sight (1,2) Shot Sensor (1) Smart watch (2) Heart Rate Monitor (3) External GPS Inertial Navigation System (3) <i>¹ Automatic WP generation</i> <i>² Remote display</i> <i>³ Automatic alerts</i> Remote ROVER video streaming	Sensors Bluetooth 4.x LE enabled Rebel Box WiFi	AES 128	/
3		Tactical Wireless LAN	Tactical Blue Force tracking (Ground and Air) Target Sharing Automatic alert sharing Live Virtual Constructive Simulation integration	Tactical Military Radio VHF/UHF data capable	AES 256 End to end with OOB pwd generation	JRE VMF Link 16
4		Strategic WAN	Strategic Blue Force tracking Target Sharing Automatic alert sharing	SATCOM Military Radio UHF data capable SAT commercial phone Thuraya Inmarsat Iridium	AES 256 End to end with OOB pwd generation	JRE VMF Link 16
5		EDGE C2 <i>for EDGE C2 overview see http://www.dodccrp.org/events/15th_icrts_2010/papers/054.pdf</i>	Tactical + Strategic Remote calling via VOIP Intelligence diffusive sharing Remote collaborative planning Net-wide enhancement of all existing services EDGE C2 capability	Land/Air/Sea based Tactical LTE Tower Closed LTE Internet mobile connection <i>"Hide in the open"</i>	AES 256 End to end with OOB pwd generation	JRE VMF Link 16