



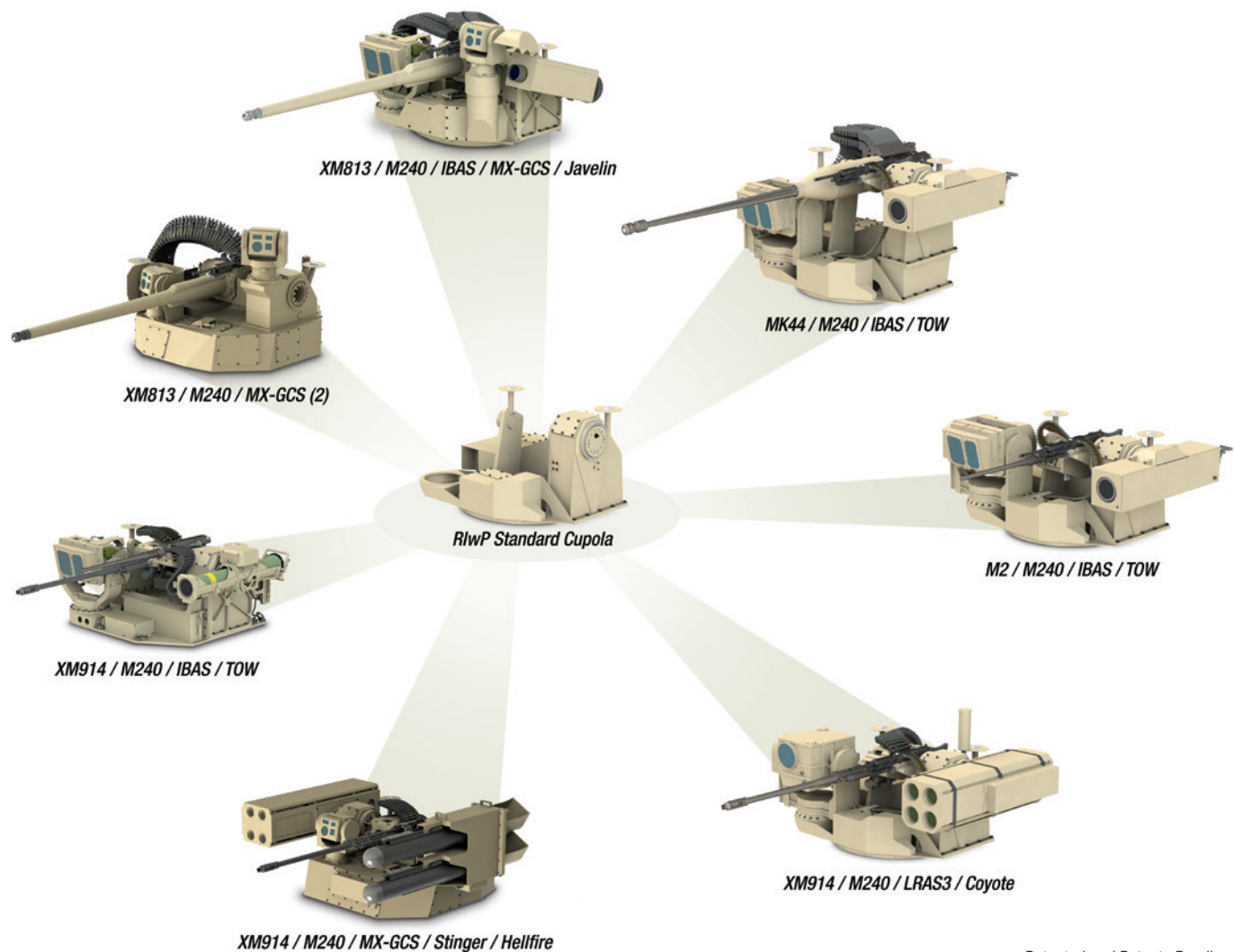
RIWP[®]

RECONFIGURABLE
INTEGRATED- WEAPONS PLATFORM

FULL SPECTRUM TACTICAL ENGAGEMENTS THRU AIR DEFENSE

RlwP is a flexible, scalable remote turret providing tailored overmatch and improved survivability against current and emerging threats across the full spectrum of conflict. Providing precision medium caliber and indirect-fires lethality, this product is light enough for a tactical vehicle, yet has more fire power than most currently fielded combat systems.

This weapon system improves soldier safety with reload under armor for all direct fire weapons and at least STANAG III crew compartment protection. RlwP utilizes an advanced fire control architecture which features a dual-axis, long range, independently stabilized sight for optimum on-the-move targeting and engagements. Comprised of common-base system elements that maximize the efficiency of training, this turret saves management time and money.



Patented and Patents Pending

SAMPLE SPECIFICATIONS*

Armament

Missiles	Stinger, TOW, Javelin, TALON, Hellfire, DAGR, LGRs, Hydra 70, Coyote
Guns	XM914, M2, M240, Mk19, M249, M242, Mk44/XM813, M134
Non-Lethal	Smoke Grenades, Projectile Grenades, Acoustic Hailer, Laser Dazzler, Laser Designator, other customer dependent
Ammunition Reloading	(5.56mm to 40mm AGL, XM914) Under-armor reloading for continuous fire (25mm, 30mm) Under-armor reload via compatible vehicle hatch Missiles reloaded under partial cover of vehicle hatch
Currently Integrated Sights	IBAS, MITAS, LRAS3, MX-GCS

Target Acquisition System

Sensor LOS Pointing	2 axis stabilized < 150 microrad/axis
Sensors	FLIR: mid-wave and long-wave Day TV: HD Color
Sensor FOV (FLIR and DTV)	WFOV: 13.3°H x 7.5°V NFOV: 3.6°H x 2.0°V
Laser Rangefinder	18 Km Range, ±3m accuracy, eyesafe single pulse or 1 pulse/second continuous firing
Missile Tracking/Guidance	TOW Missile Family (Xenon beacon tracking and FLIR video tracking)
Available Video Outputs	HD-SDI, GeV 1.2, & RS-170

Weapon Control System

Stabilization	Electromechanical 2 axis stabilized, <0.5 mrad each axis
Azimuth	n x 360°, 0.15 mrad/sec to 1 rad/sec
Elevation	-20° to +60°, 0.2 mrad to 1 rad/sec (optional +80)
Backup	Manual in both axes

Fire Control System

Weapon Director	Independently stabilized sight and weapons with integrated video autotracker
Optional	Far target location

Protection

Base armor	STANAG Level III for Crew Compartment
Add-on armor	Easily up-armored to meet customer unique needs
Smoke grenades	8 x 76mm Wegmann NFOV: 3.6°H x 2.0°V
Optional	Electronic warfare, including Counter-UAS defeat Situational Awareness Camera System Laser Warning System Shooter Detection System Sights and missiles can be armored

Vehicle Integration

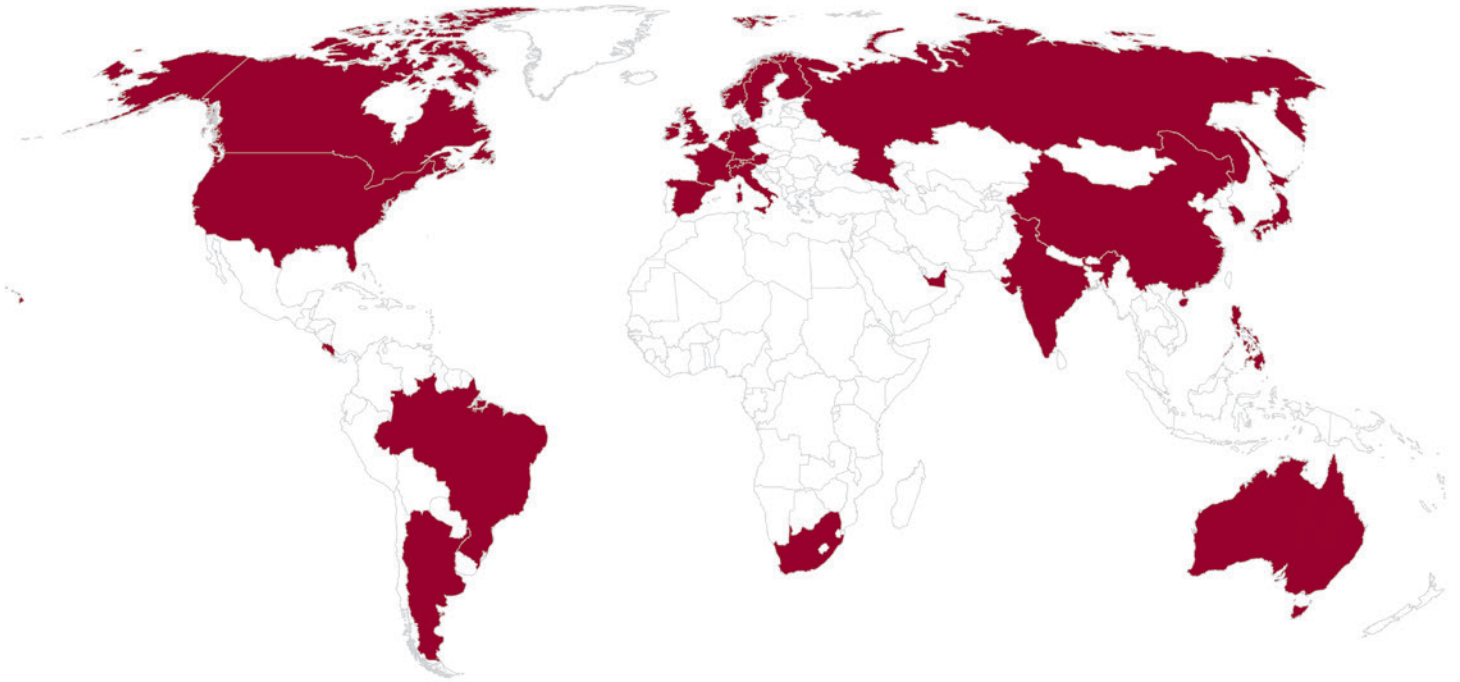
Base Platform	Easily integrates onto the majority of tactical and fighting vehicle platforms
Display	Customer Configurable
Hand Controller	Customer Configurable
Combat Weight	Nominally 2200 lbs
Power	<50A at 28 VDC Nominal (18-32 VDC Supply)

* for specifications on a particular configuration, please call office

Patented and Patents Pending



LOCATIONS



Argentina
Australia
Austria
Brazil
Canada
China
Costa Rica
Czech Republic
Finland
France

Germany
India
Ireland
Italy
Japan
Luxembourg
The Netherlands
Norway
Philippines
Russia

Singapore
South Africa
South Korea
Spain
Sweden
Switzerland
Turkey
United Arab Emirates
United Kingdom
United States

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