

AIRSOFT GUN SPORTS GPR SYSTEM

Creating a culture of leisure sports

GUNPOWER Corp.

Based on the culture of airsoft gun leisure sports, GUNPOWER Corp., makes war games more interesting than others. It creates a game culture that can be enjoyed by everyone in the world.

GPR SYSTEM



Business Area



Nine patents in connection with the Survival Leisure Sports Industry, Research Center of the Company, ISO 9001, 14001, Certificate of Venture Company, and Safety Certificate

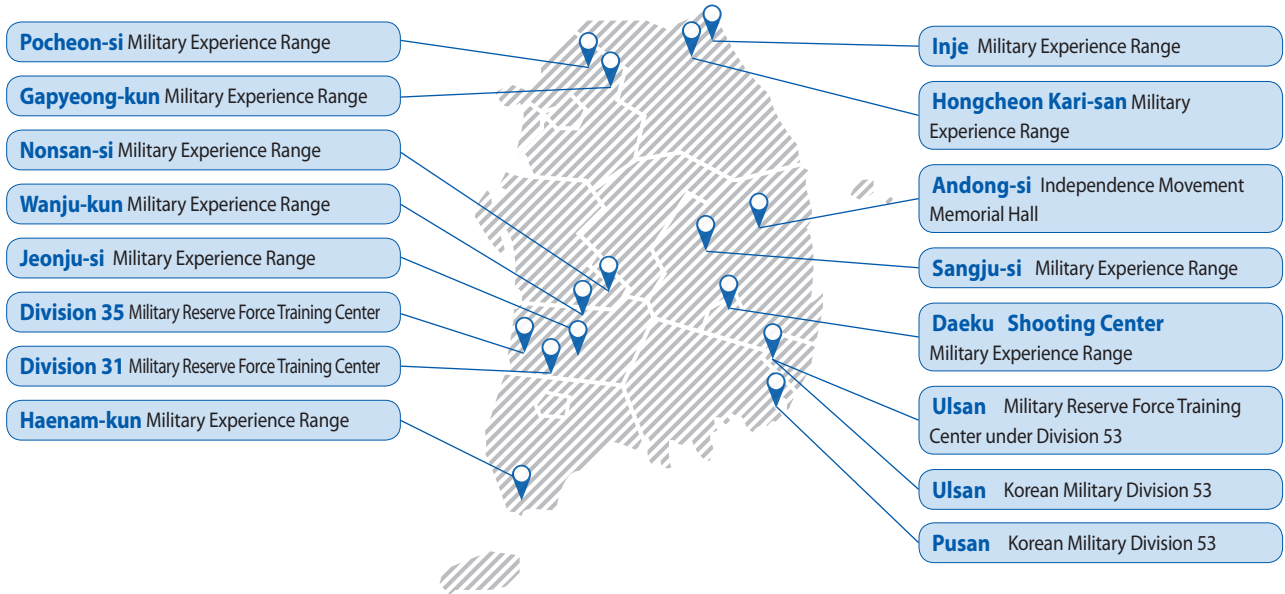
Company History

2015	Entered construction and supply agreements of the GPR system with the Korean military division 53, battalion 00
	Patented the simulation shooting system
	Received an appreciation plaque from the Korean military division 31
	Entered construction and supply agreements of the GPR system with the Korean military division 53, regiment 00, battalion 3
	Entered construction and supply agreements of the GPR system with the Korean military division 53, regiment 00, battalion 2
	Supplied GPR system with the Korean military division 31, brigade 00, battalion 00
	Patented the respawn apparatus for survival games
2014	Exclusive contract with Supreme Play, France
	Entered export and exclusive sales contract agreements with GUNPOWER RUS in Russia
	Sponsored and provided support for broadcasting the MBC TV series, "Real Men"
	Operated a survival match event for the Korean Military army festival / Keiryong army festival
	Patented the simulation device equipped with a BB bullet disturbing system
	Operated the GPR system for the 7th Airborne Brigade contest under the Special Forces
	Operated the main event during the Robot Contents Show of Kyungnam Robot Industry Foundation (for 3 days)
	Entered export and exclusive sales contract agreements with CQB in Taipei, Taiwan
	Entered a supply agreement for the Sangju-si Military Park in Kyungbuk province
	Supplied training materials for the Central Police Academy
	Sponsored and provided support for broadcasting the SBS TV show, "Three Days" (March-May)
2013	Patented the simulation device for survival games
	Patented the infrared rays module-type simulation device with distance adjustment
	Established the company's research center
	Quality Management System (ISO 9001:2008) certified
	Environmental Management System (ISO 14001:2004) certified
	Sponsored and provided support for broadcasting XTM's "My Country Wants Me" (6 episodes)
2012	Developed the Korean-type combat simulation system for the military reserve force
	Patented the structures for survival games
	Operated the 5th Sudden Attack Alive contest in Inje, Kangwon province
	Patented the survival game helmet
2011	Interchange of technology with the Unmanned Technology Research Center of KAIST
	Provided technical advice at the Robot Land technical seminar in Changwon city
	Operated the main event of e-Sports in Suwon, Kyungki province
	Operated the main event during the Sudden Attack contest in Inje, Kangwon province
	Operated the main event of the Robot Contents Show in Changwon city
2010	Supplied G450 (Bluetooth model) to a private US combat training center
	Supplied the laser battle system to Inje town hall in Kangwon province
	Supplied G450 products to the Korea Army Special Task Force
2009	Conducted product demonstration at Crosman Corporation, New York
	Entered a sales contract agreement with Infinite Shooting System Corp.
Etc.	Supplied G450 system to the Special Forces 707 (Korea Army)
	Exported G300 to Thailand / conducted a G450 product demonstration for the Japanese Self-Defense Force
	Supplied G300 samples to the Swedish and French military agencies
	Developed the world's first BB bullet detection sensor (2003)

Construction Career

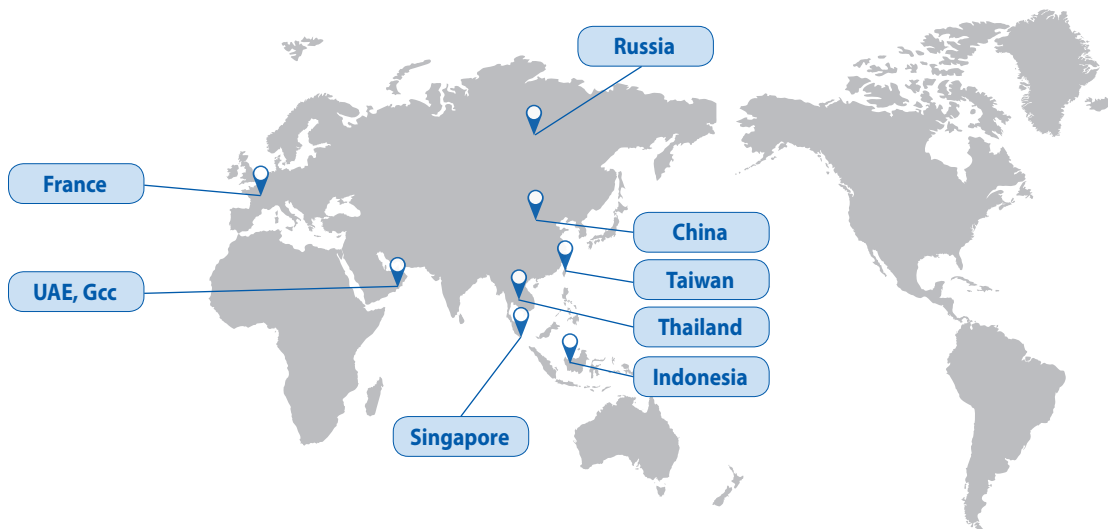
Korea

GUNPOWER Corp. is specialized in designing and constructing survival game sites across the country. GUNPOWER Corp. also provides close quarter battle training equipment for special forces, police school, etc.



Overseas

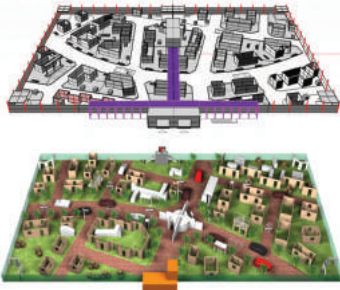
GUNPOWER Corp.'s unique products have gained worldwide attention. Established a local branch office in Russia, entered into an agreement in France, contracted for wholesale business in Taiwan, etc.



Tasks

Game Field and Facility Design

- Survival game field facility
- BB bullet shooting center/facility
- Concealed obstacles
- Structural obstacles
- Stand
- 3D rendering
- Consulting



Network/Audio

- Establishment of wireless communication infrastructure
- Establishment of wire communication infrastructure
- AP controller
- Audio speaker
- Amplifier design
- Establishment of broadcasting system
- CCTV (video surveillance)



Establishment of the GPR System

- GPR equipment
- GPR guns
- Target system
- Control system
- Charging system
- Electronic scoreboard
- Software, hardware



GPR SYSTEM

HISTORY

GUNPOWER Corp. consists of experts who have years of experience in the military survival game industry. Based on their expertise in a variety of fields and plenty of hands-on and on-site experience, GUNPOWER Corp., leads the leisure sports industry for functionality and special organizations.

GUNPOWER Corp. has intensively invested in the research and development of military survival to provide survival products that are differentiated from the existing ones from both domestic and overseas markets. As such, the company is able to secure powerful competitiveness. Instead of settling for mere development, GUNPOWER Corp., continues to invest on the research and development for various ideas, designs, and technical patents, etc., with an aim for continuous improvement.

GPR System is an optimized digital product for cutting-edge CQB (Close Quarter Battle) and MOUT (Military Operations in Urban Terrain) that can be operated in any area such as hobby, leiports (i.e., a South Korean concept that combines leisure and sports), enterprise products, training of special organizations, etc., where the 6-mm BB bullets of AirGun and IR-LED are used. The GPR system, a cutting-edge product, is a virtual war simulation that creates a realistic FPS (first-person shooter) battle game, which has been highly praised by those who have gone through its trials as well as the audience.



Construction of Survival Game Fields



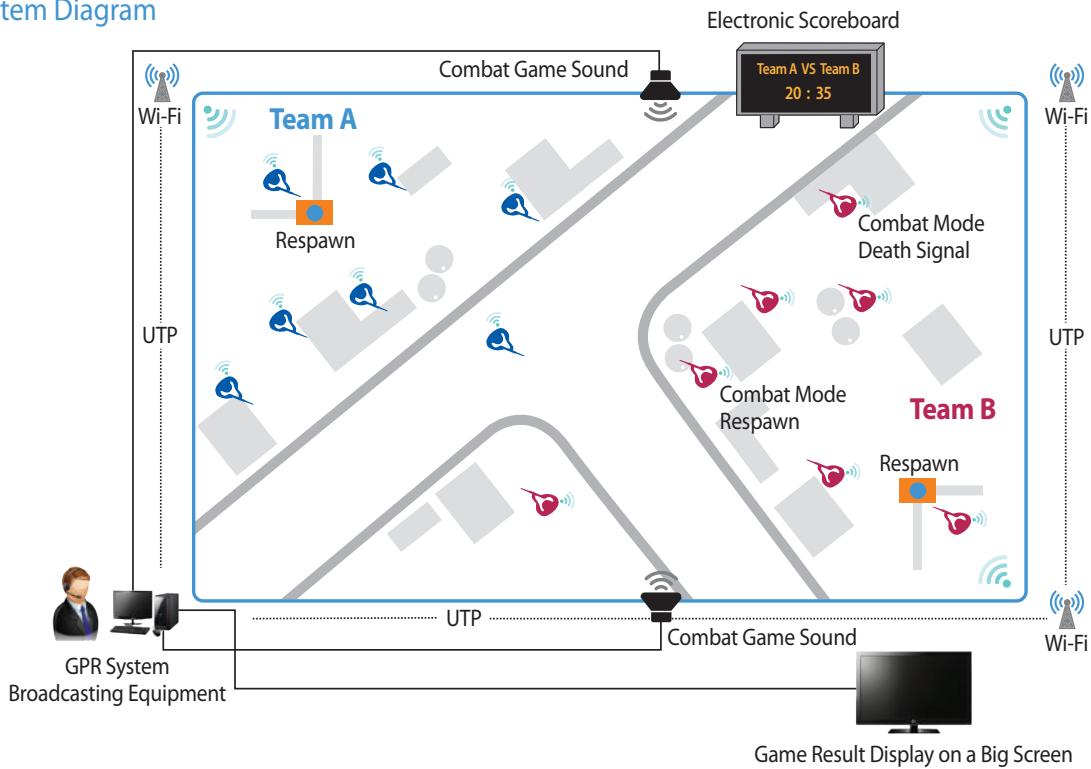
Production and Installation of Obstacles



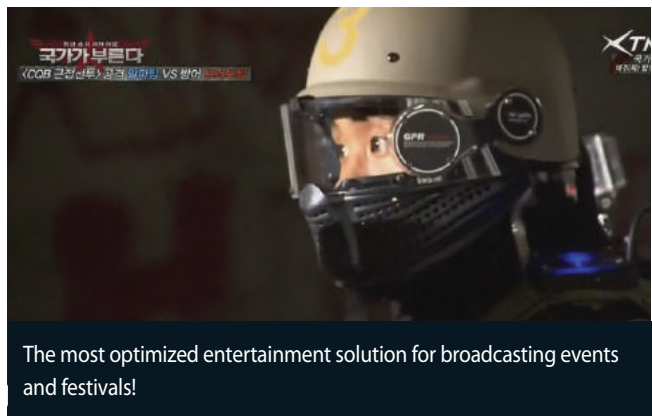
Operation of Survival Events



System Diagram



GUNPOWER Corp. is specialized in designing and constructing survival game sites across the country. GUNPOWER Corp. also provides close quarter battle training equipment for special forces, police school, etc.



G1300

An airsoft gun functional military game that everyone can enjoy!



GPR Helmet

The GPR helmet is a special helmet that used BB bullet sensing technology. The whole area of the helmet, including the shield glass, operate as sensors. Furthermore, a speaker is mounted inside the helmet for voice instructions, in addition to a red LED light used to indicate the death of a player during the game.

GPR Vest

The sensor panels on the front and back sides of the GPR Vest can sense BB shot impacts. The vest is fitted with a power supply unit and a communication module, allowing the control system to monitor the player's status (KIA, number of shots triggered, hit area, and battery percentage).

GPR Gun (pistol, rifle)

This customized airsoft gun can be linked with the GPR System. Also, it has an automatic gun control function, which prevents the gun from firing when the player is hit. It is available in two types: pistol (for general use) and rifle (for military/police training).



Accessory

Respawn BOX



This device resurrects the player to rejoin the battle during a game.

Auto BB Loader



This device automatically supplies BB shots to the magazine.

G1700L

Training is a true battle! This system is optimized for practical military training that goes beyond a military survival game.



Verified Training System

The IR-LED type G1700L, as verified by G1300 dynamic control program, is an optimized device for common game players as well as military training, including mission training against terror attacks. This all-in-one device operates a gun, helmet, and vest, with a single battery.

A training accomplishment and index are expressed in numbers, which provide better analysis of individual training levels, thus ensuring systematic training accomplishment.



Accessory

Battery Charger



Ultrafast charger for all-in-one batteries (simultaneously charges up to 4 batteries)

All-in-one Battery



As it allows a player to power the gun, the helmet, and the vest with a single battery, it is thus easier to maintain them.

Racks



GPR gear and gun stand

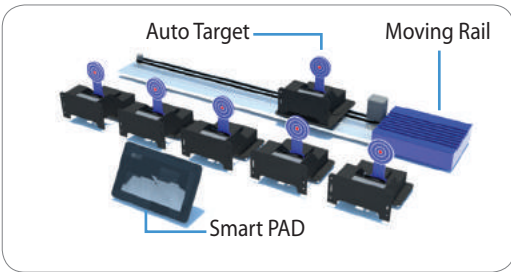
T-200

Hidden snipers are returning to the city! Shooting game franchise solution



GPR Shooting Zone (BB shooting range)

The GPR Shooting Zone is a shooting range that turns busy streets in cities into leisure venue. All of GUNPOWER's technologies are integrated into the cutting-edge shooting system with online features that can be accessed via its smart pad application. Such features include personal ranking, points, competition, etc., which that are combined with offline games at these BB shooting ranges.



3D Computer Graphic Survival Game Zone Research and Development

The GPR System is a reliable and optimized product that has been precisely designed and developed by the most experienced specialists.



Products List

Airsoft / Training system	Personal Equipment	G450	Vest, Helmet, and Battery
		G1300	Vest, Helmet, and Battery
		G1300 Handgun	Electronic Glock, Pouch, Magazine, and Battery
		G1300 Rifle	M4CQB, Magazine, Battery, and Gun Slings
		G1700L	Vest, and Helmet
		G1700L Rifle	M16A3L, Battery, and Gun Slings
	System Equipment	Monitoring Computer	PC/Printer
		Audio System	Microphone, Amplifier, and Speaker
		Network Equipment	AP, Controller, Hub, and Rack
		CCTV	Encoder 8 channels, and 8 CCTVs
		Respawn Box	Respawn Box
		Ranking Monitor	50" LED-TV
	Structures/Facility	Obstacles	Patented or Non-patented Obstacles
		Racks	Helmet Racks, Equipment Racks, and Gun Racks
	Software	Operation System Software	For AirSoft /For IR-LED
	Accessories	Auto Bullets Loader	Auto Bullets Loader, and Inlet Accessories
		Battery	G450/G1300 Vest Battery
			G1300 Handgun Battery
			G1700L Rifle Battery
		Charger	G450/G1300 Vest Charger
			G1300 Handgun Charger
G1700L Rifle Charger			
Remote Control			
Gun Slings			
BB Bullets			
Shooting System	Target Equipment	T-200	Fixed Targets, and Moving Targets
		T-300	Independent Fixed Targets, and Independent Moving Targets
		Smart Pad	Smart Pad, Racks, and Card Reader
	Software	Application	For individuals / for vendors
	Guns	GBB	Handgun, Rifle, Sniper, and Heavy-weight Firearms
		EBB	Handgun, Rifle, Sniper, and Heavy-weight Firearms
	Facility	Control System	Operating PC, Software, and Non-controller
		Shooting Lane System	Air Construction, Electric Construction, Compressor, etc.
	Accessories	Auto Bullet Loader	Auto Bullets Loader, and Inlet Accessories
Target Rubber		White, Blue, and Yellow	



GPR system with BB bullet-detecting sensors utilized in airsoft guns
GPR® is GUNPOWER's registered trademark.

GUNPOWER

GUNPOWER Corp.

Unit #201, Multimedia Supporting Center, Jeonju IT & CT Industry Promotion Agency, Ajungro-33-gil, 470-4 Jungnosong-dong,
Wansan-gu, Jeonju-si, Jeollabuk-do, Korea

Tel +82-1688-9373 **Fax** +82-63-278-9374

Mail shinbs@gunpower.com

Facebook www.facebook.com/gprsystem

Website www.gunpower.com / www.gprsystem.co.kr