

PRODUCT CATALOGUE

**SL** *SIMCUN*



2020

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SIMGUN System –  
Developed for Professionals





## » WELCOME TO SIMGUN

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Leading military has been using Laser Duel Simulators for more than 30 years for realistic training situations and tactical education. For several years the technical possibilities have been changing rapidly, but the basic idea has stayed the same: a realistic shooting range, exact hit detection and detailed evaluation.

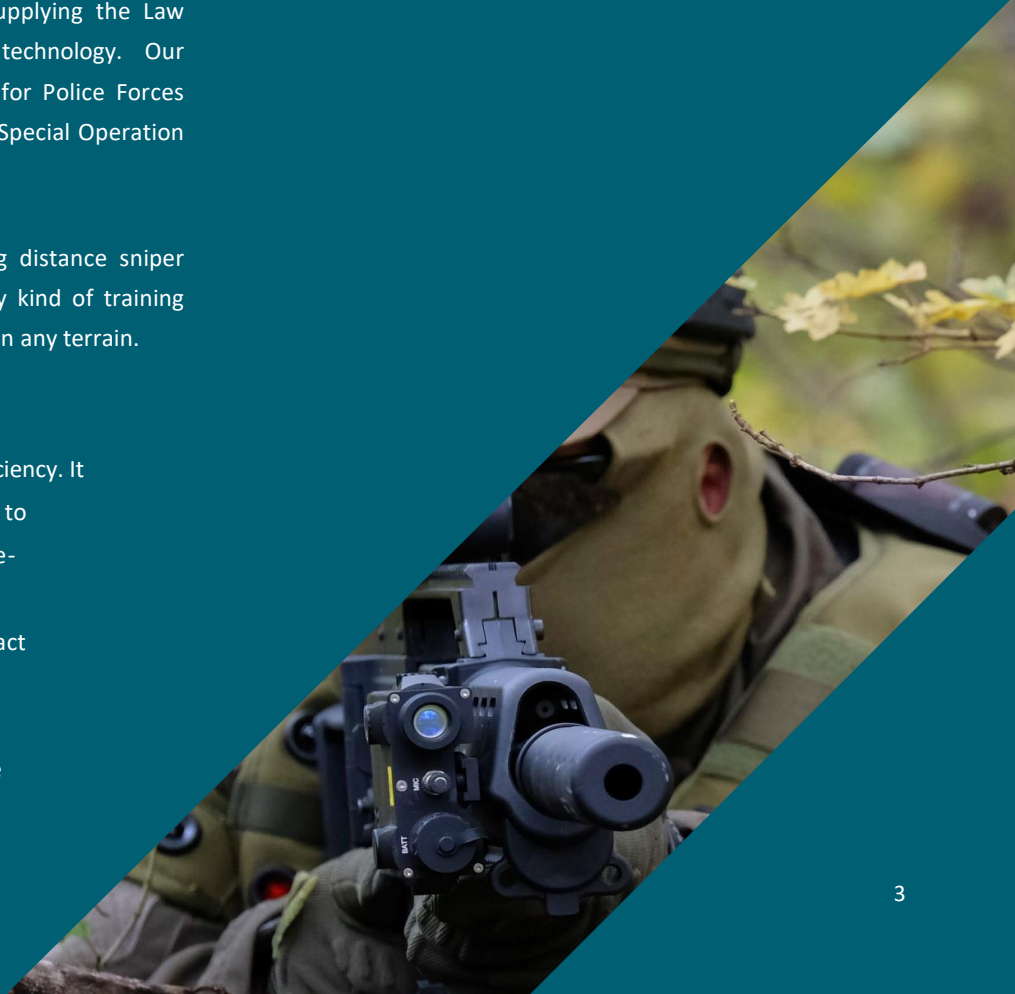
Simgun is the first company worldwide, supplying the Law Enforcement market with state of the art technology. Our products can be used for tactical training, for Police Forces who need to train active shooter scenarios, Special Operation Forces and private security companies.

From short distance CQB situation, to long distance sniper missions up to 1000m – with SIMGUN any kind of training exercises are realisable in all weathers and on any terrain.

- » SIMGUN stands for high-precision and efficiency. It can be extended at any time and it is easy to handle. It is the system with the best price-performance ratio.
- » SIMGUN offers an immediate, explicit impact detection with an unimagined precision.
- » SIMGUN is the complete solution for an effective and realistic training including life data feed and ARR (after action review) possibilities.

With the Force on Force DS200, SIMGUN offers a system, which provides direct feedback for the trainee.

Our DS200 system is the result of a consequent ongoing development and our desire to be the best. All new components are modular and retrofit compatible to ensure old systems can be upgraded if needed.

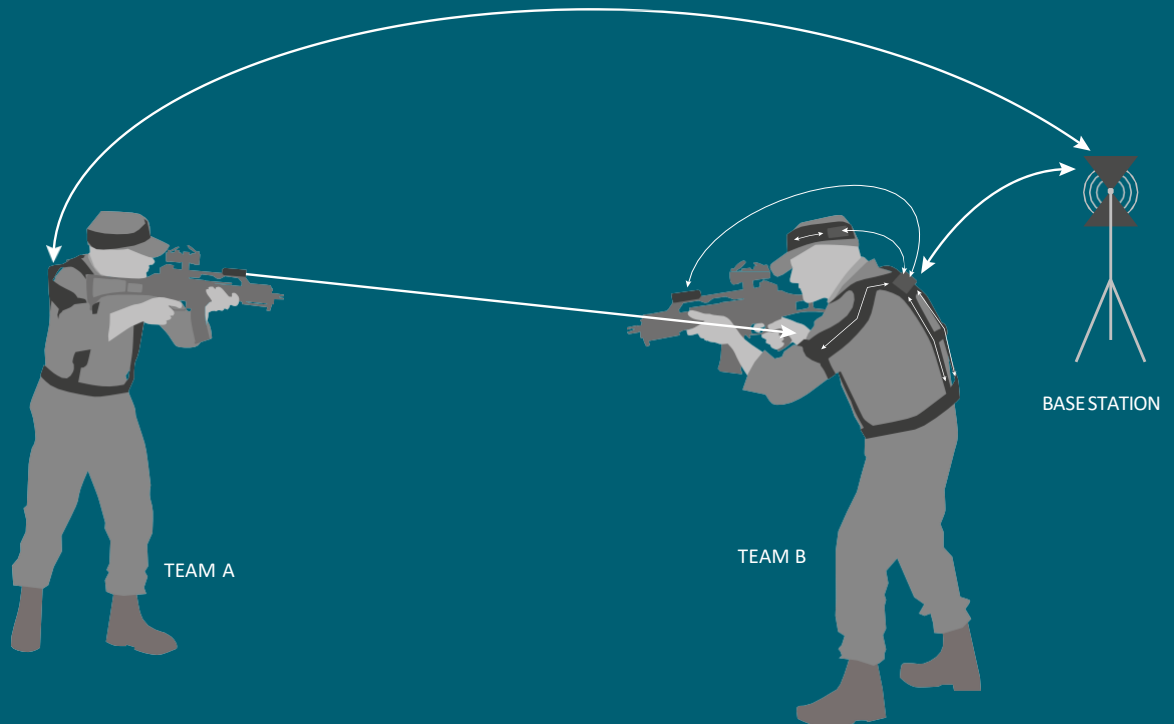




## » PRODUCT NEWS

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- » Optimised vest shape
- » Aiming Guide Mode – for fast and effective adjustment of the lasers
- » Stealth Mode – for night training
- » K9 kit
- » Leg sensors
- » CT Jacket
- » Calibration, Multipurpose and Range Targets
- » DS200 CUSTOM version



## » DS200 LDC SYSTEM

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### HEAD UNIT

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The SIMGUN Head Unit detects headshots at a 360 degree angle and shows a hit immediately. Various head units for caps and helmets are available.

### BODY CENTRAL UNIT

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The SIMGUN Body Central Unit is the master unit which ensures permanent wireless communication with other component such as the Head Unit and up to three Laser Units.

### LASER UNIT

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The SIMGUN Laser Unit fits on all standard rail mounts and is easy to assemble.







Train where you fight –  
No limitations to CQB training locations

## » SIMGUN BODY-CENTRAL-UNIT

The SIMGUN Body Central Unit is the communication centre for the entire SIMGUN System. It is in permanent wireless communication with all components such as the Head Unit and up to three Laser Units. The Body Central Unit has an optimum fit and is adjustable in size.

The Cordura® on the outside and the comfortable net mesh on the inside are perfect materials as they are robust, however can provide sufficient comfort. It is easy to combine SIMGUN Body-Central-Unit with a tactical vest.

- » Ergonomically shaped for maximum wearing comfort
- » Adjustable to body size
- » High quality Cordura®
- » Cooling net-mesh
- » Hits indicated by light / sound / vibration
- » 360 degree hit field
- » Works with two 18650 Akku Type
- » Supports up to three Laser-Units





## » SIMGUN HEAD-UNIT

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The SIMGUN Head Unit is connected with the Body Central Unit. It is very light and comfortable to wear. It fits on caps, hats and can even be used as a headband. For helmets we offer a special unit, which fits on almost all types of helmets.

The SIMGUN Head Unit detects headshots at a 360 degree angle. It shows a hit immediately so you can see where you hit your target (body shot or head shot).

Optionally, you can order the specially designed SIMGUN CAP for use with the head unit. The Velcro tapes fit the Head Unit perfectly.

- » High quality Cordura®
- » Cooling net-mesh
- » 360 degree hit field
- » Adjustable size
- » Shaped for maximum wearing comfort
- » Lightweight
- » Works with one 18650 Akku Type
- » Wireless connection to Body Central Unit





## » SIMGUN LEG-UNIT ( OPTIONAL )

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The SIMGUN Leg Unit has been developed mainly for Law Enforcement Units to enable as well training situations which should not end up in a kill but only a leg shot.

The SIMGUN Leg Units are connected wireless to the body central unit and have like the other units sensors and LED lights for hit recognition. The positioning of the sensors ensures a front side or back hit.



- » High quality Cordura®
- » Cooling net-mesh
- » 360 degree hit field
- » Adjustable size
- » Shaped for maximum wearing comfort
- » Lightweight
- » Works with one 18650 Akku Type
- » Wireless connection to Body Central Unit



100 % health & safety assurance –  
No protective gear needed



## » SIMGUN DS200 CUSTOM

The SIMGUN DS200 CUSTOM version has been developed mainly for Special Operation Forces or Law Enforcement Units with special needs. The complete system is wireless. The independent upper arm units and the H-Shape body unit allow a mounting on a heavy packed tactical vests.

The independent front and back side of the Body Unit ensures the mounting on the back pack.

Of course the DS200 CUSTOM can be expanded with the Leg Units as well.

- » High quality Cordura®
- » Cooling net-mesh
- » 360 degree hit field
- » Adjustable size
- » Shaped for maximum wearing comfort
- » Lightweight
- » Works with one 18650 Akku Type
- » Wireless connection to Body Central Unit





## » SIMGUN CT-VEST

The SIMGUN special Jacket enables a concealed training. The CT jacket covers Simgun body vest without limiting it's functionality. Jackets or Polo Shirts are available.

It is a cost effective solution to equip a large number of exercise participants with the CT Jacket. It handicaps the visual identification of the enemy for the intervention team (e.g. 50 people wearing the jacket but only 3 enemies are wearing Simgun equipment underneath).

- » Special Nanotec fabric
- » Ensures a 360 degree hit field
- » Jacked or Polo Shirt style
- » Shaped for maximum wearing comfort
- » Lightweight



## » SIMGUN K9 UNIT

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The SIMGUN K9 unit enables to embed the dogs in a force on force training exercise. The K9 unit has an uniform design and fits to any kind of dog strap by using Velcro attachments.

The outer textile layer made of Cordura®. The size is adjustable with belts and straps and is available in multiple colours. The K9 uses the same high sensitive infrared laser sensors and LED's for visual hit feedback. It identifies side and front hits and runs with standard rechargeable batteries (same size as body central unit).

Simgun put special attention on the design to allow front hits which is the most likely attack situation.

- » High quality Cordura®
- » Cooling net-mesh
- » Adjustable size
- » Shaped for maximum wearing comfort
- » Lightweight
- » Has the functionality of a stand alone Body Unit





Integrate with SIMGUN  
the sniper teams in your training



## » SIMGUN T-SHOCK

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Our T-Shock system has taken another step towards perfect combat simulation. Nothing makes a tactical shooting training more realistic than the fear of a possible hit, when adrenalin is pumping and stress levels approach their maximum.

When a participant is hit during training, the T-Shock system simulates the injury and pain through electrical muscle contraction. Even a non-lethal shot can be simulated, including the associated physical impairment. The intensity of this pain impulse can be configured individually. The armband allows a quick exchange after the end of a training session.

Quality and security are important to us - T-Shock only uses components from the EU and is CE-certified.



- » Wireless connection to the Simgun system
- » Adjustable pain impulses
- » Light and easy to handle
- » Certified and harmless
- » Made in Germany

## » SIMGUN LASER-UNIT

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The SIMGUN Laser Unit makes the decisive difference to other systems available on the market. It uses infrared laser technology which ensures a very high precision. Our superior laser technology allows as well to shoot through glass.

SIMGUN Laser Unit is laser class 1 certified. It is fully-eye safe, even in combination with binoculars, scopes etc.. SIMGUN guarantees quality – Made in EU.

An integrated microphone detects the shot from the gun and triggers the laser. Of course, it is possible to adjust the sensitivity of the microphone. The laser Unit fits on all standard rail mounts and is easy to assemble.

The Laser Unit works with any kind of weapons such as Blue Guns (with dry fire mode), Airsoft guns, original weapons with blanks or any kind of other training weapon.



## » SIMGUN PISTOL LASER-UNIT

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Our Pistol Laser Unit is one of our latest achievement. Light, small and with an impressive precision.

With less than 100g and the outer dimensions of the Streamlight TLR1, our Pistol Laser Unit fits perfectly in numerous tactical holsters, which are currently available on the market.

With a laser reach of approximately 300m it is not only suitable for usage on pistols, it can also be used for any kind of submachine guns.

It works with any kind of weapons such as Blue Guns (with dry fire mode), Airsoft guns, original weapons with blanks or any kind of other training weapon.

The SIMGUN Laser Unit is laser class 1 certified. It is fully- eye safe, even in combination with binoculars, scopes etc. SIMGUN guarantees quality – Made in EU.







Reduce your training costs without compromising your training quality

## » SIMGUN RESPAWNER



The SIMGUN Respawner is a small sized remote control to reactivate a participant after he got eliminated. Just a short press on the button directly in front of the Body Central Unit sensor and the trainee is back in training.

## » DRY FIRE MODE



With the dry fire mode it is possible to fire the laser without the microphone by activating the laser with the trigger button. No matter if using a service weapon without blanks or just using a Blue-Gun. The training remains realistic and effective.

## » MICROPHONE



For silent such as air-pressured weapons, we offer a long microphone, which can directly be mounted on the muzzle. Thus the microphone sensitivity can be significantly reduced and disturbing influences are decreased to a minimum.

## » SIMGUN PRODUCT CASE



Our Simgun case is the perfect addition to our system. Waterproof, dust-tight and shock-resistant due to IP67 certification.

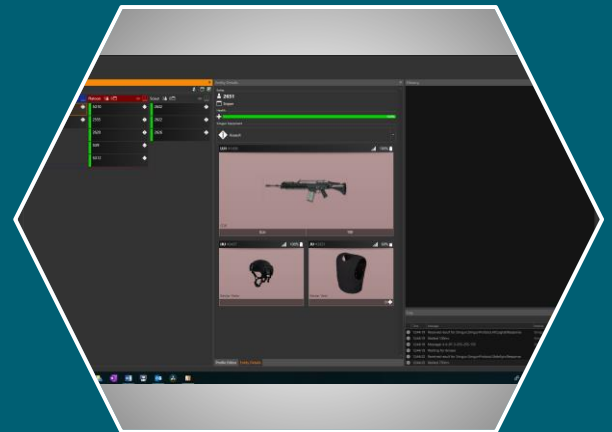
## » SIMGUN BASE-STATION & SOFTWARE

The Simgun Base Station is a Command & Control Unit which has permanent radio contact with all systems and monitors live.

It records all events during a training (hits, kills, etc.) when using the DS200 system. The data is displayed on the computer using the SIMGUN software. The Command & Control Unit allows a live data feed plus a standard AAR (after action review).

It is important to notice that the Command & Control Unit is an accessory tool for a large number of participants with the need of precise ARR. The Simgun DS200 principally works as well without the Command & Control Unit.

- » Life monitoring of all data live with permanent updates
- » Software guarantees total control
- » Real time event display
- » Complete evaluation on PC
- » Different modes for various scenarios
- » Friendly fire evaluation
- » Detailed hits and/or kill analysis by participant





## » SIMGUN TARGET FAMILY

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### » RANGE TARGET

The SIMGUN Range Target can be used up to a distance of 1'000m. It comes with our standard LED's and sensors and has the dimension of a standard range target (100mm\*65mm). The operational time is up to 150 hrs.



### » MULTIPURPOSE TARGET

The SIMGUN Mult Purpose Target can be used up to a distance of 1'000m. It comes with our standard LED's and sensors, has a diameter of 225mm and an operational time of up to 150 hrs. The standard fastener is Velcro and optional fastener with magnet is available as well.



### » CALIBRATION TARGET

The SIMGUN Calibration Target is a Cordura® made, foldable target which can be used up to range of 1'000m. It comes with 144 green and red LED and 97 sensors. It allows to calibre weapons in a fast and efficient way with it's hit diameter of 1020 mm. Available in coyote and green.







Pyrotechnic free IED Simulation  
with SIMGUN ADS

## » TRAINING WEAPON ARS – M4



The SIMGUN TRAINING WEAPON ARS – M4 is the next generation of training weapons. The ARS product platform is open for any kind of simulation systems such as SIMGUN or Miles.

Our mission is to offer high-quality training weapons with realistic sound/bang to be integrated into laser-based training systems. ARS will replace blank ammunition and take out its related operational costs. The ARS-M4 is just the start of a variety of most used weapon systems.

## » ADS – IED SIMULATOR



The ADS IED Simulator is a gas fuelled sound simulation device that can be used for the creation of an explosive blast effect. Signal transmission can be wired or wireless and signal activates the ADS IED creating the blast effect.

Various ignition devices such as dead man switch, trip wire, magnetic detonator, thermal sensor pressure plate, etc. are available.





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