

RUAG Live Training

Be prepared! With our live training solutions.



Together
ahead. **RUAG**





“Our live training solutions enable the troops to train as close to mission reality as possible. RUAG offers an effective way to improve skills, while saving costs and reducing environmental impact.”

Markus A. Zoller, CEO RUAG Defence

Your partner for live training solutions



Whatever your training needs are, you can count on our modular solutions. We develop, operate and maintain complete systems and installations, integrate third-party systems and provide professional instructions. Our live training systems are adaptable to your individual requirements and can be extended and enhanced at any time.

RUAG live training solutions allow highly realistic training for soldiers and units up to battalion level. Our systems help to improve both the individual and team capabilities of combat squads. All components are easily mountable. The fixed or mobile CTC (Combat Training Centre) ensures the flawless interaction of weapons and additional equipment as well as providing individual evaluation and tactical analysis.

Our proven solutions create genuine added value, enabling the participants to train effectively in real environments under realistic conditions, whilst minimizing ammunition consumption and environmental impact.

Innovative solutions – dependable services

Modular solutions

From the development stage onwards, we work closely with our customers in order to find the ideal solution for specific training scenarios. All system components were specially developed for military training and are well-proven around the world.



Outstanding performance

Thanks to our experienced specialists you can rely on technically sophisticated products and outstanding services. We guarantee optimal operation and provide reliable maintenance and system support throughout the product's lifetime.



Innovative technologies

As a forward-looking technology partner, we value long-term solutions capable of ongoing development. We always keep a finger on the pulse of the times and employ proven technologies for innovative solutions, thus securing your investment.



Our live training solutions at a glance

We offer comprehensive solutions for realistic training in open and urban terrain, including effective, cost-efficient training in meeting engagements, fire and movement, checkpoint controls, crowd and riot control and other scenarios. An open architecture ensures flexible system integration and numerous expansion options.

Individual Training: Soldier Level

- Basic skills training
- Task-specific individual training
- Achieving high performance in individual tasks



Crew Training: Team/Platoon Level

- Combining individual tasks into a functioning whole
- Targeted training in brief combat sequences
- Optimizing teamwork

Unit Training: Brigade Level

- Improved combat and tactical readiness: enhanced probability of success
- Realistic simulation (including carryover effects) and representation of indirect fire
- Seamless transition in training between open and urban terrain



Soldier training solutions

Gladiator™ is a personal harness that facilitates efficient training in correct and tactical behaviour in a realistic combat environment. It is available in several modular versions with various features:

- Precise, differentiated hit displays
- Differentiated casualty model
- Wireless communication
- Medical treatment system

The infantry harness can be used with the following weapon systems:

- Assault rifle
- Sniper rifle
- Pistol
- Light machine gun





Weapon training solutions

RUAG offers weapon effect simulators for effective training in firing and movement. The handling and effects of the weapon, including ballistic characteristics, are realistically modelled. Our weapon training solutions feature:

- “Fire-and-Forget” capabilities
- Precise simulation of weapon range
- Correct simulation of tracer ammunition
- Realistic simulation of effects of high trajectory weapons
- Broad spectrum of IED training options

We provide weapon simulation solutions for the following systems:

- Grenade launchers
- Mortars
- Light and heavy machine guns
- IEDs
- Guided missiles
- Antitank weapons
- All types of mines (antitank mines, directional fragmentation devices)



Vehicle training solutions

RUAG training solutions are used for precise firing training with realistic weapon handling. They are suitable for both basic and combat training. Compelling features include:

- Modular system with standard components
- All weapon systems built into the vehicle
- One-way or two-way lasers

The training solutions are able to integrate into the following vehicle types:

- Unarmoured cargo and troop carriers
- Personnel carriers
- Battle tanks
- Infantry fighting vehicles
- Armoured combat vehicles
- Armoured cars



CTC¹⁾/MOUT²⁾ training solutions

RUAG Defence supplies fixed and mobile live simulation platforms for various training scenarios. These enable training with an impressive level of realism, including an “after-action review” for detailed assessment of training exercises. Our CTC/MOUT training solutions comprise the following systems:

- 2D/3D EXCON³⁾
- Simulation devices
- Positioning systems
- Data transmission systems

The training solutions offer numerous advantages:

- All simulators integrated
- Real-time EXCON display
- Gap-free capture of all data
- Realistic weapon effects, even in the field
- Precise online position monitoring
- Seamless transition in training between open and urban terrain
- Immediate after-action review using drawing tool, statistics, video interface, audio and video recordings

¹⁾ Combat Training Centre

²⁾ Military Operation on Urban Terrain

³⁾ Exercise Control

Support

Apart from a reliable service through a single point of contact, we offer a number of additional services:

- Full-service support throughout the product lifetime
- Single-source maintenance and operation
- Customer-optimized operating approaches
- Tailored equipment processes and simulation material management
- Integrated logistical support (ILS)

A unique combination of benefits

As a RUAG customer you profit from numerous benefits. Below are just a few of the advantages that make us the preferred partner for live training solutions:

Experienced

For many years we have been a partner and centre of excellence for the Swiss Armed Forces, with valuable experience in designing modular live training solutions for specific needs.

Reliable

As an established Swiss technology group we adhere to the highest quality standards. Our customers can count on the capability and reliability of our systems and services.

Cost-efficient

Our modular live training solutions are tailored to your specific requirements, enabling troops to achieve training objectives at an optimum cost-benefit ratio.

Capable

Expertise, continuous training and knowledge of future customer demands: our specialists always think one step ahead and make us a preferred supplier of innovative live training systems.

Sustainable

Our live training solutions enable you to reduce environmental damage and the risk of accidents while enhancing the operational readiness of all participants.





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