

Mobile container systems for a successful mission



RUAG 

MOBILE CONTAINER SYSTEMS

For sovereign security.

Container systems to ensure the safety of your crew and equipment

➤ Modern deployment scenarios involving crisis intervention and national defense are complex and call for flexibility and rapid response. The demands on the mobility of systems have risen sharply. RUAG develops and supplies mobile command posts, medical systems and support infrastructure.

These air-conditioned containers can be set up and dismantled in any terrain within a very short period of time. Some of our special containers can be folded out to provide a spacious and efficiently organized working environment.

Our containers provide protection against a very wide range of environmental and operational conditions while also assuring the safety of crew and equipment. All container systems are manufactured in Switzerland and have CSC approval for international maritime transport. Our specialized technicians provide support around the globe.



QUICK ASSEMBLY

Within a very short period of time these container systems can be set up and dismantled without the need for additional tools. They are functionally reliable even under extreme conditions and in any terrain, thus enabling a successful mission.



PROTECTION FOR CREW AND EQUIPMENT

The container solutions provide protection across the entire spectrum of military command and supply systems. They are capable of dealing with a huge variety of environmental and operational conditions.



A PARTNER YOU CAN TRUST

RUAG is a future-oriented technology partner for military forces and security organizations. Our corporate philosophy is expressed by our ceaseless efforts to create innovative technologies and solutions.



Our container solutions

➤ With our mobile command posts, support container systems, medical facilities and modular container buildings, we can create the infrastructure for a successful mission – worldwide.

COMMAND & CONTROL CONTAINER SYSTEMS

Our Command & Control Container Systems are versatile. They can be used as forward command posts, communication centers or central command and information systems. Command and control center crews benefit from a comfortable and safe working environment.

Command & Control container systems have integrated supply systems and can therefore be used in completely stand-alone situations. Their designs range from rapidly deployable, compact stand-alone containers to interlinked container buildings for long-term missions.



MOBILE MEDICAL CONTAINER SYSTEMS

Humanitarian emergency situations can occur anywhere and at any time. Medical aid as well as the fight against hygiene problems must be provided quickly and effectively. These mobile medical container systems can be used in a versatile range of ways, including for disinfection, sterilization or as rapidly deployable emergency care centers.

➤ DISINFECTION SYSTEM

The RUAG mobile disinfection system – developed on behalf of armasuisse for the Swiss Army – helps to tackle hygiene problems and to prevent the transmission of infectious diseases. This system prevents the propagation of pathogens, reducing personnel and infrastructure-related shortfalls in the armed forces and in the civilian sector.



➤ STERILIZATION SYSTEM

The RUAG mobile sterilization system – developed on behalf of armasuisse for the Swiss Army – assures the supply of sterile materials to medical facilities. In this process, medical instruments are pre-washed, chemically cleaned and packaged in a controlled zone. Viable micro-organisms (e.g. bacteria, viruses, fungi, spores and prions) are sterilized at 134°C in accordance with SN EN 556-1, so that the sterilized and packaged instruments can be stored without any problems.



SUPPORT CONTAINER SYSTEMS

These mobile support container systems make the required infrastructure mobile and available for your mission. The air-conditioned containers offer a protected work area for a huge variety of tasks. For example as a functional workshop for on-site service and repairs, or as a mobile decontamination system in response to nuclear, biological or chemical incidents. We ensure that you are perfectly equipped.

➤ Any response to a chemical, biological, radiological or nuclear event (CBRN) always includes some form of decontamination facility. The potential hazards have increased, and the demand for decontamination systems has followed suit. RUAG provides mobile systems for vehicles, personnel, infrastructure and equipment.

➤ To enable repairs to be carried out on location, a functional and comfortable workplace in a protected environment is essential – regardless of location or nature of terrain. RUAG supplies mobile workshop containers that can be deployed for a vast range of tasks and they can also be used for the secure storage of tools and equipment.



MODULAR CONTAINER BUILDING

With the container modules developed by RUAG, single-story or multi-story buildings can be built on the Plug & Play principle, providing optimum protection for personnel, equipment and information.



Using standardized container modules, it is easy to create large work areas for a vast array of different operational purposes, all within a very short period of time. The number of containers is scalable to virtually any extent and the size of the individual rooms in the building can be adapted using adjustable partition walls to suit requirements. The central ventilation system with heat recovery system, which can also be combined with an NBC protective ventilation system, reduces operational power consumption and delivers great energy efficiency.

➤ PROPERTIES AND FUNCTIONS

- Single- or multi-story container buildings
 - Up to 30 containers on each level
 - Modular basic units, freely combinable
 - Rapid assembly achieved through basic integration & Plug & Play
 - Scope for individual room layouts using partition walls
- Ballistic protection
- TEMPEST protection (RF Shielding Attenuation)
- CBRN protection
- Central ventilation with power-saving heat recuperation
- Individual room temperature control in each container



System integrator with a comprehensive range of services

➤ Our range of services extends from the design concept to the construction and production, trials and approval testing in our own test center as well as the maintenance of container systems. We can assure optimum quality at all times – regardless of whether you decide in favor of a standard system or a bespoke solution including device integration.



OUR RANGE OF SERVICES

CONCEPT & ENGINEERING	MANUFACTURE & INTEGRATION	VERIFICATION & QUALIFICATION
 <ul style="list-style-type: none"> - System analysis & planning - Development & design - 3D CAD modeling - FEM design analysis - Integration planning 	 <ul style="list-style-type: none"> - Container production - Surface treatment / coating - Structural verifications (CSC testing) - System integration 	 <ul style="list-style-type: none"> - Environmental testing - EMC / RF shielding - Ballistic tests - Driver tests / mechanical tests

PROTECTION	ILS & DOCUMENTATION	MAINTENANCE & LIFE-CYCLE SUPPORT
 <ul style="list-style-type: none"> - Protection against CBRN threats - Reliable EMC and NEMP protection - RF shielding → 60 dB to 18 GHz (TEMPEST) - Ballistic protection in accordance with Stanag 2280 and Stanag 4569 	 <ul style="list-style-type: none"> - OEM-independent ILS - System documentation - Manuals & catalogs - IETD 	 <ul style="list-style-type: none"> - Supply of spare parts - Obsolescence management - Maintenance, repair & overhaul

High-tech for security – today and tomorrow

➤ Our corporate philosophy is expressed by our permanent efforts to create innovative technologies and solutions. To achieve this in our research and development work, we are always looking for new approaches and methods. With our experience as a long-standing partner for the armed forces of a diverse range of countries, we are one of the pioneers in our sector across a vast array of technical fields.

A PARTNER YOU CAN TRUST

We are an independent company and generate our added value in Switzerland. We protect the technological knowledge and products of our customers. Our employees are audited in accordance with federal regulations concerning access to classified information, materials and facilities and are committed to maintaining confidentiality.



ALL OF THE ADVANTAGES AT A GLANCE

- Can be used in any terrain worldwide – even under the most adverse environmental conditions
- Quick setup enables rapid operational use
- Comfortable and efficient work area in a protected and climate-controlled environment
- Protection against CBRN threats
- Reliable EMC and NEMP protection
- RF shielding (TEMPEST)
- Ballistic protection
- Great adaptability to different tasks
- Swiss quality standards
- Worldwide service and support



RUAG – your ideal partner.

➤ We strive to do everything in our power to protect human life in crisis situations. As an effective and independent partner, we face up to the challenges of the future. Our many years of experience enable us to know what it takes – in any situation.



➤ **Video**
Mobile Sterilization
Container System



➤ **Video**
Mobile Medical
Container Systems



➤ **Video**
Command & Control
Container Systems:
Command Post Shelter 1:3



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