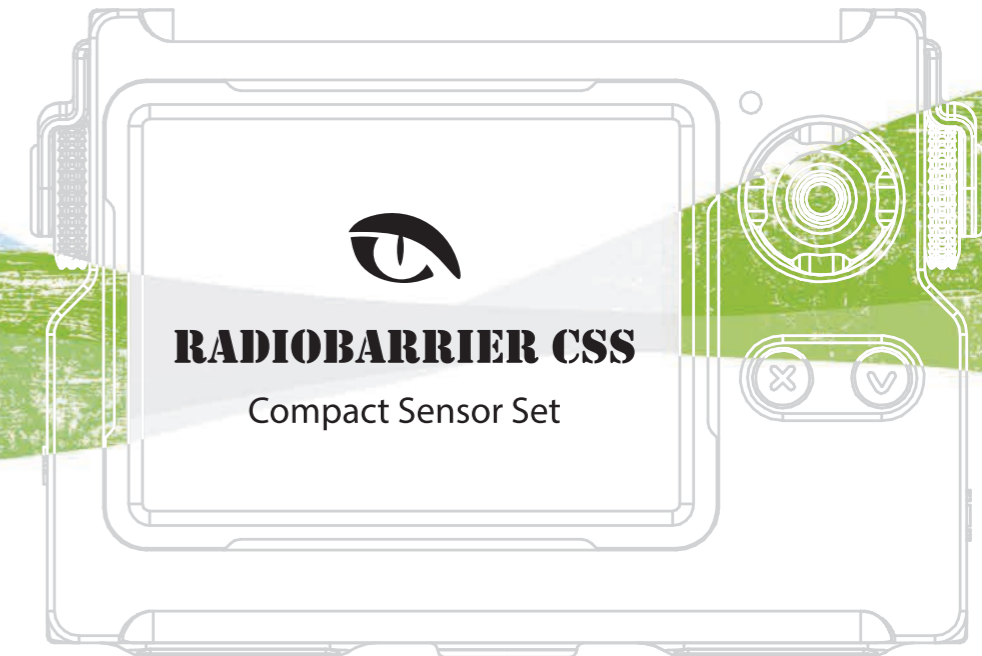
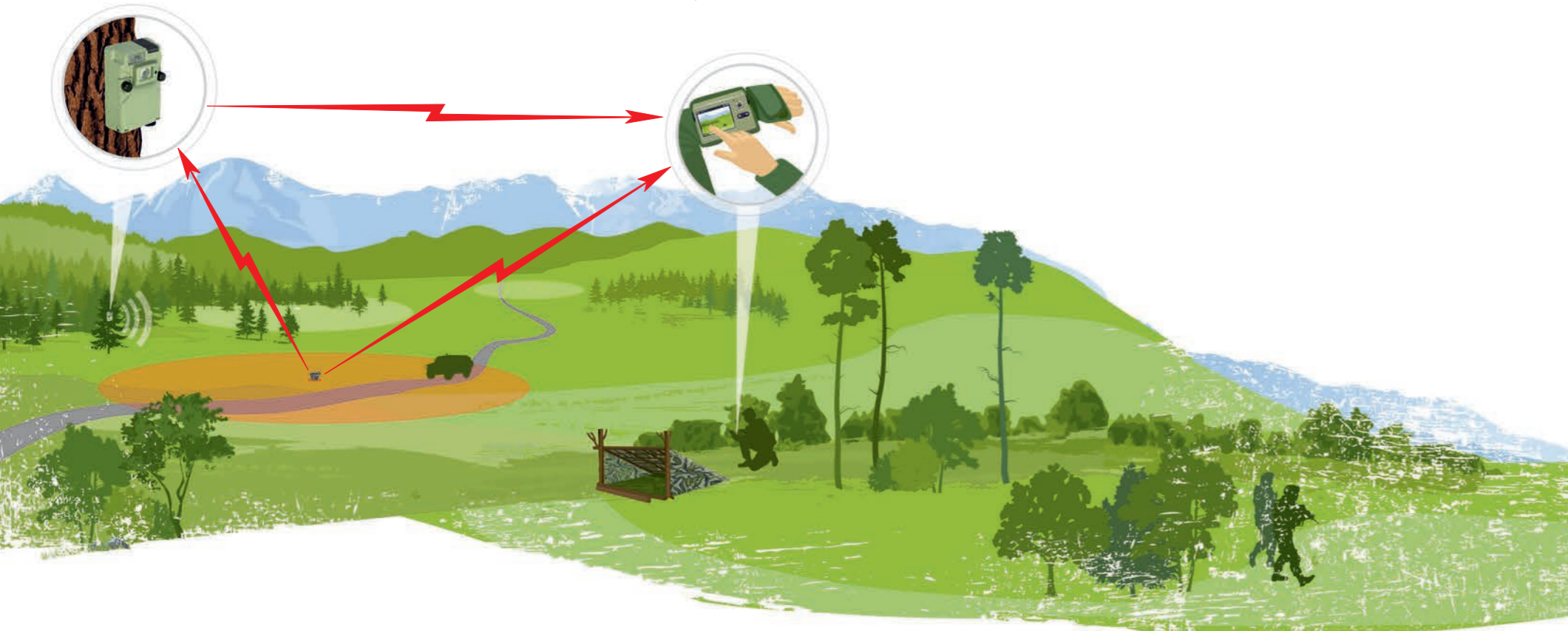
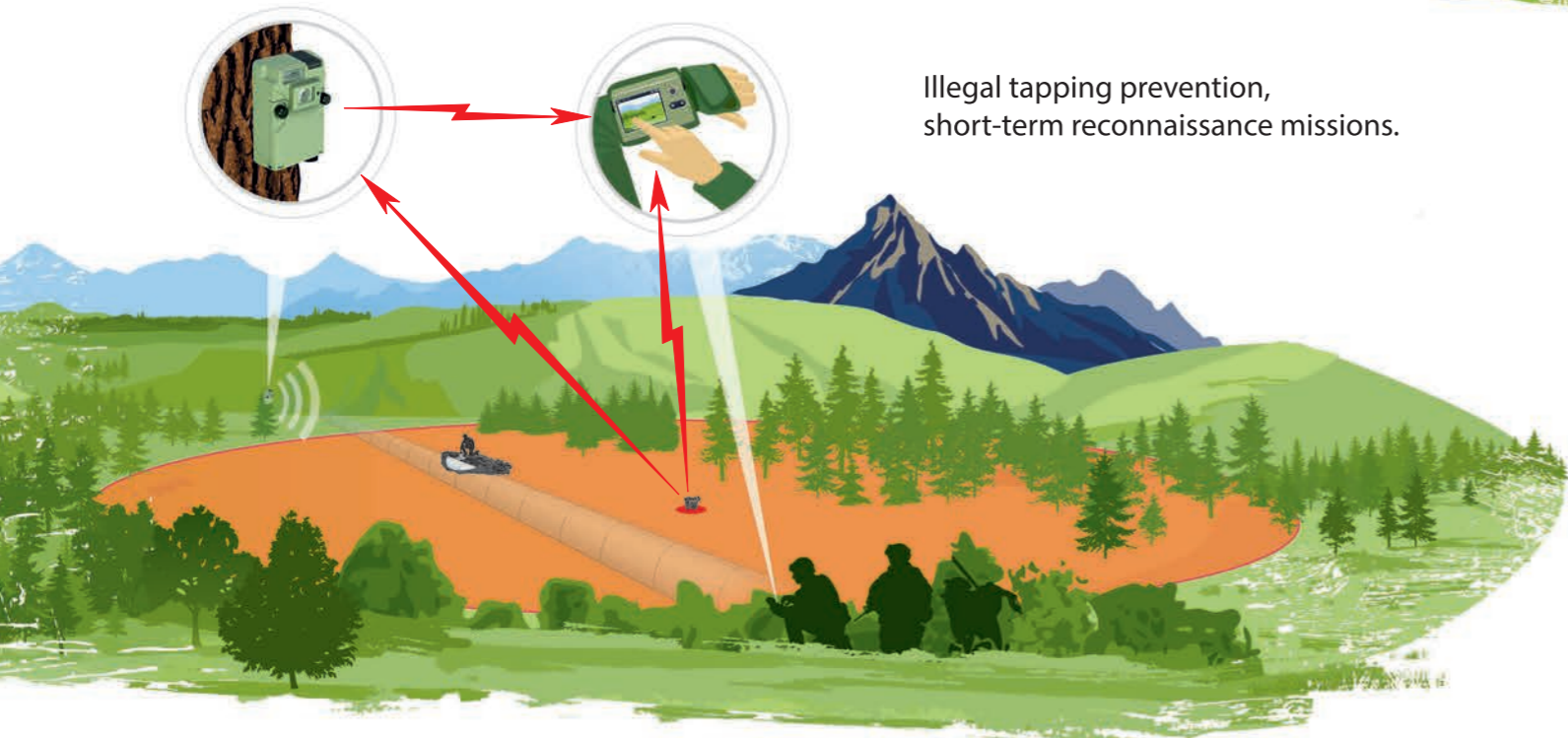


# APPLICATION AREAS

Force protection and equipment security. Special operations.



Illegal tapping prevention, short-term reconnaissance missions.



## DESCRIPTION

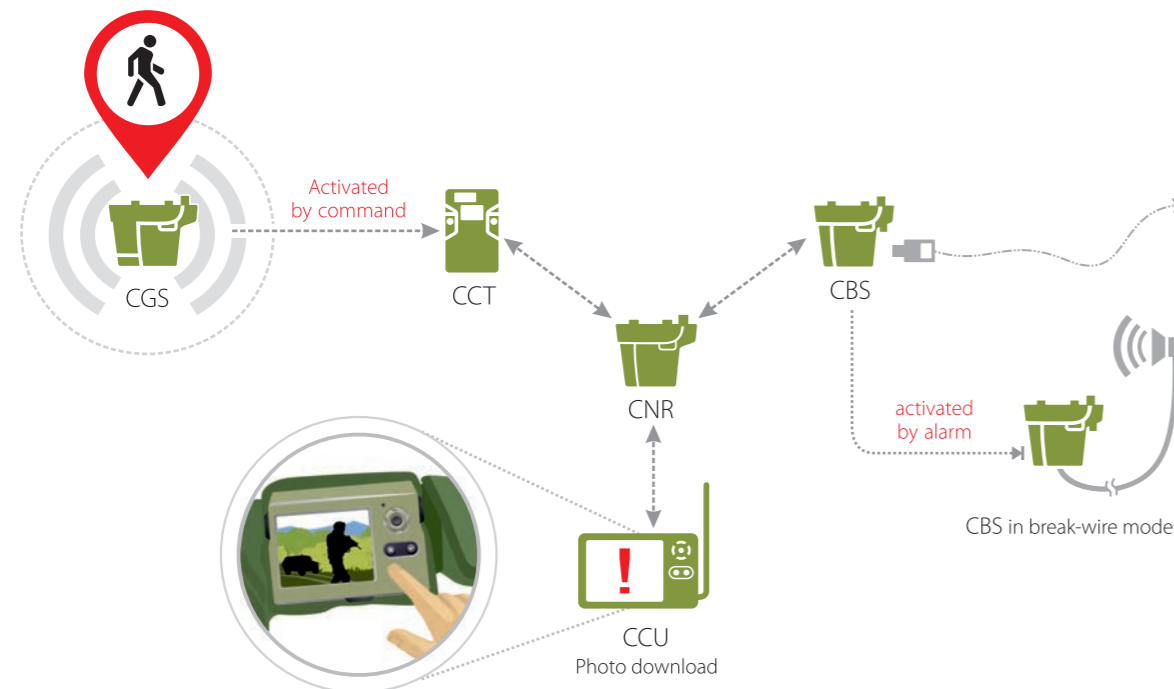
RADIOBARRIER CSS is a rapidly deployable perimeter security system designed for force protection, short-term reconnaissance missions and intelligence gathering.

The system consists of detection devices based on different physical principals of operation and compact control unit enables alarm and service data transmission via two-way secure radio channel as well as full remote control over the Set.

## KEY FEATURES

ERGONOMICS	Monoblock casing and light-weight of devices powered by off-the-shelf AA-type batteries; wrist-worn control unit – all perfectly suits for force protection and special operations.
VERSATILITY	Each Set may include up to 20 devices: 1 receiver, up to 2 cameras, up to 5 repeaters and any combination of seismic and break-wire sensors all working on the same network.
RELIABILITY	RBCSS is built on field-proven technology.

## HOW IT WORKS



## COMPONENTS

### COMPACT GROUND SENSOR CGS

Monoblock unit with battery compartment.  
 Detection radius:  
 - foot-borne intruder – up to 100 m;  
 - vehicle – up to 200 m.  
 Weight: 0,44 kg.  
 Dimensions: 110 x 105 x 80 mm.  
 Operating temperature range: – 40 to +50 °C.  
 Autonomous operation time: up to 7 days.



### COMPACT BREAK-WIRE SENSOR CBS

Up to 2 microwire cartridges are attached to the sensor that enables an external device control.  
 Wire length in the cartridge – at least 1500 meters.  
 Weight: 0,32 kg.  
 Dimensions: 110 x 95 x 80 mm.  
 Operating temperature range: – 40 to +50 °C.  
 Autonomous operation time: up to 7 days.



### COMPACT NETWORK REPEATER CNR

Weight: 0,35 kg.  
 Dimensions: 110 x 95 x 80 mm.  
 Operating temperature range: – 40 to +50 °C.  
 Autonomous operation time: up to 7 days.



### COMPACT CAMERA TRAP CCT

Camera is triggered by an external sensor or manually. Images are transmitted to a compact control unit via radio channel, and stored on an MicroSD memory card. IR backlight is switched on automatically depending on lighting conditions.  
 Identification range: min 50 m.  
 Image Resolution: 320 x 240 px.  
 Weight: 0,3 kg.  
 Dimensions: 110 x 70 x 55 mm.  
 Operating temperature range: – 30 to +50 °C.  
 Autonomous operation time: up to 5 days (in stand-by mode).



### COMPACT CONTROL UNIT CCU

CCU is designed for setting and controlling sensor parameters and operating algorithms, receiving and displaying alarm messages and photo images from the sensors as well as storing GPS coordinates of deployed sensors and their displaying on the screen.  
 CCU is equipped with tactical arm punch. Full-color display resolution: 320 x 240 px.  
 Weight: 0,38 kg  
 Dimensions: 150 x 110 x 50 mm.  
 Operating temperature range: – 20 to +50 °C.  
 Autonomous operation time: up to 24 hours.

