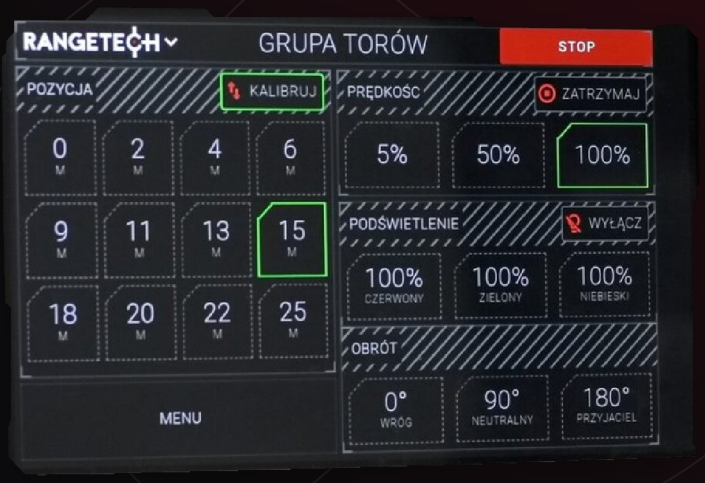
RANGETECH



Master

Range control software

Software for controlling RangeTech devices and range installations, from a single firing point to the whole facility. Intended for sport, commercial, police and military ranges.

Key features

Operation. The application runs on a tablet or computer, with nothing to install.

Scaling. From a container range to an indoor range with several dozen firing points. Each firing lane can have its own control unit.

Control scope. A firing point, a group of firing points or the whole facility. Devices operate individually, in groups or in sequence.

Functions

Scenarios. A scenario combines target movement and turning, lighting, sound and reactions to hits. It is created graphically, saved and edited, with no limit on the number of steps.

Events. The next stage of an exercise is triggered by a hit, elapsed time, a random value or a system event.

Control views. Views are configured graphically to match the layout of the range. Video from the target carrier cameras is available in the same application.

Diagnostics. Device status and faults are detected automatically and reported to the operator.

Building integration

Ventilation. Permission to fire depends on the ventilation running. A relay output module sends signals to the ventilation plant room.

Signalling and access control. The application controls safety signalling (permission to fire, "live fire" warning) and access control to the facility zones.

STOP scenario. A programmed safety scenario controls range operation in an emergency.

Range sound. Announcements and battlefield simulation sounds are played from the scenario. Range sound inside the indoor range operates independently of range sound outside it.

RANGETECH

Technical data

Operation	computer, tablet or smartphone, with nothing to install
Control scope	firing point, group of firing points, whole facility
Operating modes	individual, group, sequential
Scenarios	created graphically, saved and edited, no limit on the number of steps
Diagnostics	automatic, device status and faults
Safety	STOP scenario, permission to fire dependent on ventilation
Connectivity	built-in network interface, radio transmitter for wireless devices
Updates	remote*
Control unit	steel housing, wall-mounted in the control room, 230 V power supply
Operating temperature	-20 to +60 °C

* Where an internet connection is available.

Service

Remote technical support and remote software updates.

Integration

Part of the RangeTech system. Controls the Basic and Nucleus target carriers, RangeTech Light lighting, range sound and reactive targets.