



SMALL ARMS TRAINER



1311 Skat IIII

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CALCUPUL FULLER

• Compact, portable, rugged and easyto-install

- Realistic and affordable training
- Live feedback and After Action Review
- Accurate ballistics with wind effects
- Customizable targets and scenarios
- Training scenarios from basic to advanced marksmanship skills
- Visible/invisible laser support
- EBB/GBB Airsoft pistol and gun compatible

# HARDWARE COMPONENTS

SMART

- 3 meter wide projection screen
- Ruggedized 7U rack
- Laser detection camera
- Portable simulation computer
- Stereo speaker
- 1920 x 1080 projector
- Miscellaneous cables/connectors

AUTOMATIC CALIBRATION TRAINEE MANAGEMENT TARGET MANAGEMENT WEAPON MANAGEMENT VIDEO CONTENT MANAGEMENT SCENARIO MANAGEMENT DEBRIEFING AND ANALYSIS



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# AUTOMATIC CALIBRATION

System automatically detects and calculates the screen to tracker coordinates and calibrates itself in a few second with just one click

Calibration points are detected automatically

### TRAINEE MANAGEMENT

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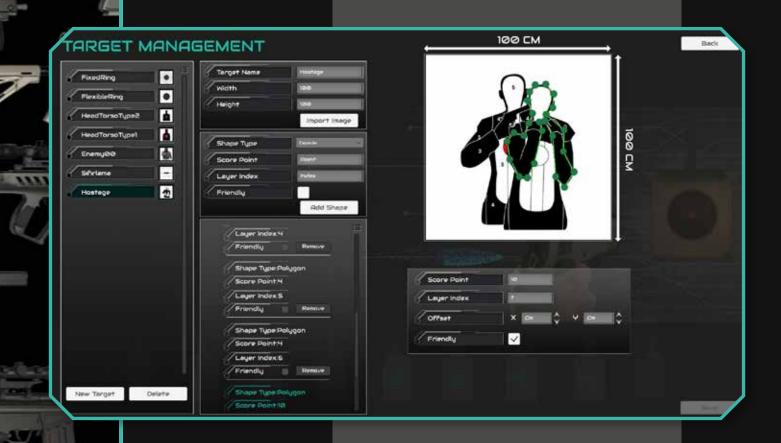


Adding/Removing/Editing trainee records which will be associated with each scenario run in order to be used for evaluating the personal training achievements. #111

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Customizable unit and subunit based categorization providing trainee groups from troops to classmates.

### TARGET MANAGEMENT



Expandable targeting contents for any specific needs compatible with commonly used image formats



Back

## WEAPON MANAGEMENT

### WEAPON MANAGEMENT

Name

Choose Weepon Tupe

Megazine Cepecity

Bellistic Coefficient

Muzzle Velocity

Zeroing

HK B-B

/ Rife

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HK 8-9

MPT-76

HK-33

Glock 17

Sig Sourr 328

New Weepon

Delete

Sersinez Kiling 200

Expandable weapon list with pistol & rifle distinction.

Customization for modelling purposes with magazine capacity, muzzle velocity and ballistic coefficient in order to simulate the ballistic shots.





Expandable video content for any specific needs compatible with commonly used video formats Adaptable hit areas in any shape with friendly/foe distinction - 11 i

## SCENARIO MANAGEMENT

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### SCENARIO MANAGEMENT

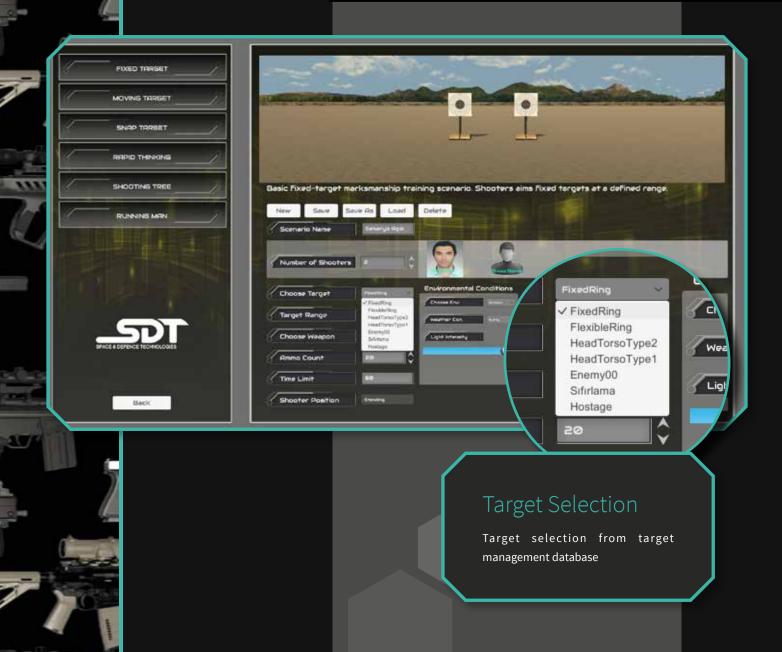


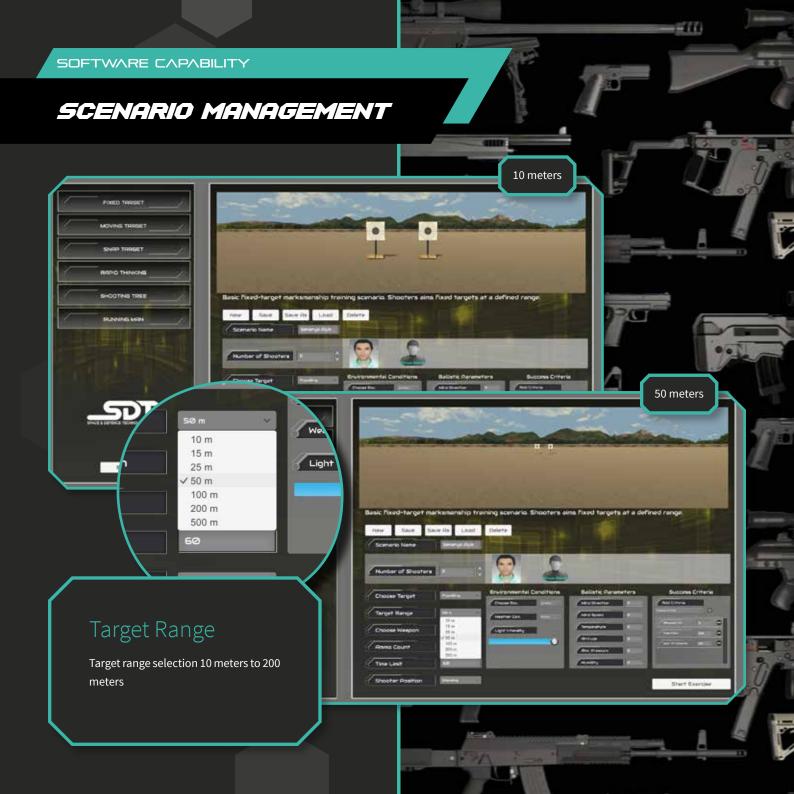
### **Trainee Selection**

Trainee selection from trainee management database

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### SCENARIO MANAGEMENT





Success Criteria

Stert Exercise

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**Grid Criteria** 

### SCENARIO MANAGEMENT

Ballistic Parameters

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wind Soord

Tangaratura

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Weapon Selection

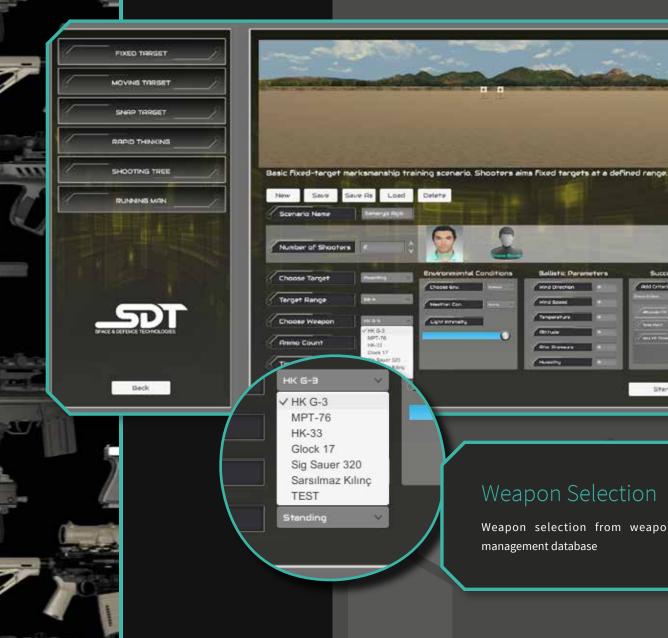
management database

Weapon selection from weapon

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PUXED TARRAET MOVING TARRAET SINGS TARRAET RAPID THRACKS SHOOTING TREE

DEPARTMENT NAMES

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### SCENARIO MANAGEMENT

New Save Save Rt Load

Scenario Neme

Choose Target

Number of Shooters

POLED THREET

SHOTHS TREET

DEPARTMENTS AND

### Environmental Conditions

Environment selection (Indoor/Outdoor) Weather conditions (Sunny/Rainy/Foggy) Configurable lighting conditions



day light

Single shooter moving target exercise. Targets appear randomly within the given movement characteristics.

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## SCENARIO MANAGEMENT

Ballistic Parameters

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Wind Direction

Wind Speed

Temperature

Atm. Pressure

Altitude

Humidity



#### Wind Direction Wind Speed

15 km/h

# Ballistic settings

Editable ballistic parameters (according to scenario type)

- Wind Direction
- Wind Speed
- Temperature
- Altitude
- Atmospheric pressure
- Humidity

### SCENARIO MANAGEMENT



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### SCENARIO MANAGEMENT



## DEBRIEFING & ANALYSIS

### DEBRIEFING & ANALYSIS

Lating Criterie Survey Land Street

Scenario Name	Тура		Record Date	Contraction of the local division of the loc
Indoor	BO TACT	ICAL INDOOR	32/6/26	316 9 27 35 AM
Indeer	BO TACT	ICAL INDOOR	12/6/2	218 97H 42 AM
Induor	3D TRCT	ICRL INDOOR		OIS STREET FAM
Indoor	BO TACT	ICAL INDOOR	1/29/20	018 5 48 94 PM
				and the second

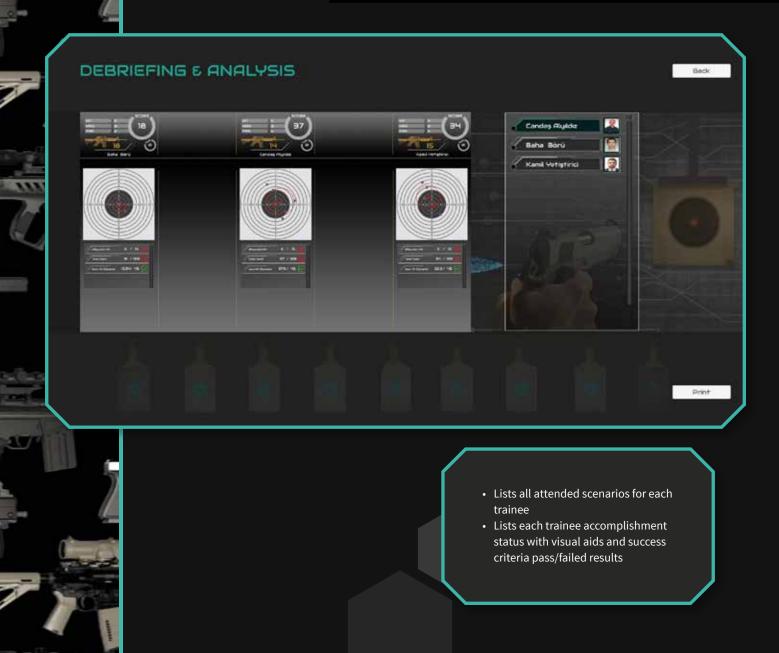
• Lists all scenario runs with various filtering options

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• Calculates trainee rankings from over all to groups

### DEBRIEFING & ANALYSIS



### BASIC TO ADVANCED MARKSMANSHIP

FIXED, MOVING, SNAP TARGETS

SHOOTING TREE, RAPID THINKING

TARGET CLASSIFICATION AND PRIORITIZATION

RUNNING MAN

## TACTICAL TRAINING

**3D GRAPHICS** 

VIDEO BASED

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## FIXED TARGETS TRAINING



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laha Börü

### MOVING TARGETS TRAINING



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Aims to improve basic skills with moving targets

Moving targets configurable in up/down directions with various speeds

Moving targets with configurable appearing/disappearing behavior with various durations

Allows up to 5 trainees at the same



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## SNAP TARGETS TRAINING



Wind Direction Wind Speed

Ø km/h

Aims to improve reaction time and shooting accuracy on randomly appearing moving targets

Moving targets configurable in various directions, speeds and durations

Ballistic shots according to the environmental conditions and weapon characteristics



Aims to improve instant memory, reaction time and shooting accuracy regarding the target ordering

Target ordering according to aritmethical operations (target numbering increasing by 1, 2, 3 etc.)

# SHOOTING TREE TRAINING

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Aims to improve reaction time and shooting accuracy regarding the target classification in limited time periods

Randomly changing targets at each period with shoot/don't shoot distinction

## RUNNING MAN TRAINING

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Aims to improve interception shooting on running human targets

Targets with configurable directions and speeds

Ballistic shots according to the environmental conditions and weapon characteristics

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Austar of Shouters

3D graphics targets with player controllable functionality or configurable rule based AI capability

Configurable targets with friendly/ foe distinction and editable paths on tactical environment provides nonfixedfictions in scenario planning

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### 3D GRAPHICS TACTICAL TRAINING

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Simulates tactical operations in different environmental conditions (urban, indoor, rural sites)

One traine<u>e at a time</u>





Aims to simulate realistic tactical operations constructed with built-in or your own video records

Targets with friendly/foe assignments





Configurable video flow with optional repetitions provides nonfixed-fictions in scenario planning







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