



SIUS
+ SWISS PRECISION



**MARKSMANSHIP TRAINING SYSTEM
BY SIUS AG SWITZERLAND**

TABLE OF CONTENT

1 THE SYSTEM IN A NUTSHELL	3
SIUS GLOBAL IMPACT	4
2 TARGET TYPES	7
2.1 SUPERSONIC SPEED PROJECTILES	7
2.2 SUBSONIC SPEED PROJECTILES	8
3 TARGET COMBINATION	9
4 WIRELESS OPTION	10
5 LOMAH vs. Hit Switch	11
6 TRAINING CAPABILITIES	12
6.1 PERSONAL RESULTS AND RESULT HISTORY	12
6.2 GROUPING AND ZEROING	13
6.3 EXERCISE EDITOR	14
7 WHICH NETWORK?	15

The logo for SIUS, featuring the letters 'SIUS' in a bold, white, sans-serif font. Below the letters is a small red square containing a white cross, followed by the text 'SWISS PRECISION' in a smaller, white, sans-serif font. The entire logo is enclosed in a white rectangular border.

SIUS

SWISS PRECISION

1 THE SYSTEM IN A NUTSHELL

Precision, Durability, and Advanced Technology

- **Simultaneous Control:** Command up to **100 target lanes** at once for expansive training operations.
- **Rugged Durability:** Engineered with **IP 65 grade**, ready for the harshest conditions.
- **Extended Range:** **Wireless operations up to 10km**, facilitating unmatched remote capabilities.
- **Sustained Operation:** Up to **12 hours of battery life** for prolonged training sessions.
- **Rapid Deployment:** **1-second target show/hide switch** to optimize reaction training.
- **Effortless Setup:** Integrated Scenario and **Exercise wizard** for streamlined operations.
- **Insightful Reporting:** **Customizable PDF reports** for precise performance tracking.
- **Power Anywhere:** Off-Grid options, including **solar**, for complete location independence.
- **Smart Maintenance:** **Cloud connectivity** and Predictive Maintenance for operational excellence.



SIUS GLOBAL IMPACT

Explore the extensive reach and strategic impact of SIUS military systems worldwide. Our advanced technology solutions have empowered defense forces across the globe, showcasing our commitment to excellence and reliability in military installations since 1999.

Here are some key highlights:

1500
TARGETS

We installed over 1,500 targets in military ranges since 1999.

We provided cutting-edge systems to the armed forces of more than 15 countries.

15
COUNTRIES

2
DECADES

We supported global defense initiatives with advanced, reliable technology for over two decades.

Use the efficiency of SIUS Military Aiming and Shooting Training for the training of your troops.

01

VALUE & EFFICIENCY

High-quality products at competitive prices with reduced running costs.



02

RELIABILITY & DURABILITY

Decades in the market with equipment certified for high durability.



03

ADVANCED TECHNOLOGY

Modern, customizable technology with modular options for diverse needs.



04

EXPERT SUPPORT

Consulting for large projects with multilingual software and manuals.



05

SWISS STABILITY

Switzerland's neutrality ensures reliable long-term supply and support.





2 TARGET TYPES

2.1 SUPERSONIC SPEED PROJECTILES

Closed Acoustic Target (“S310”)

- Very High Precision
- Low operation costs

Open Acoustic Target (“Acoustic Eye”)

- High Precision
- Lowest operating costs
- Optional PopUp target mechanism
- LOMAH (Location of Miss and Hit)
- High mobility if desired



2.2 SUBSONIC SPEED PROJECTILES

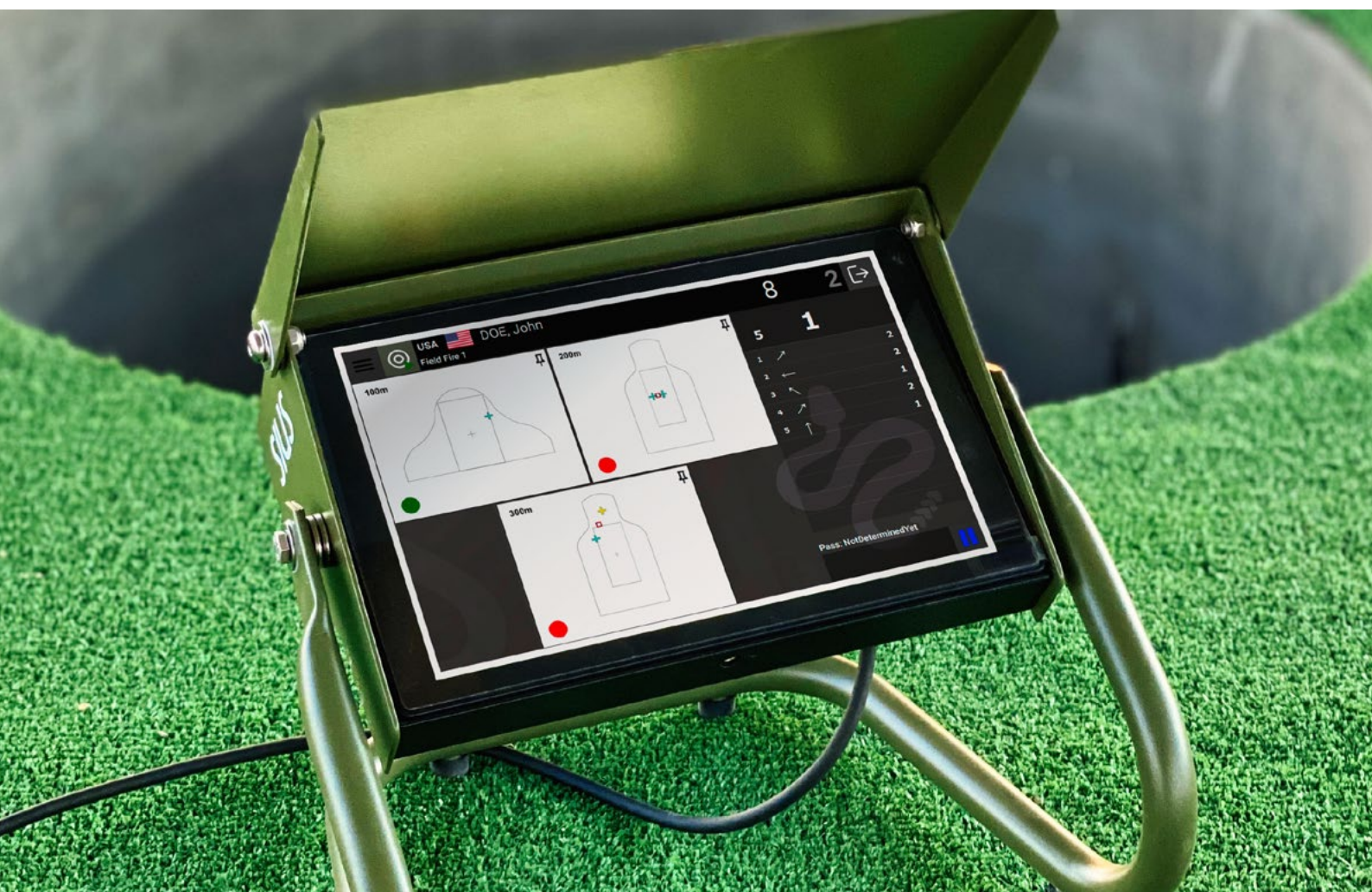
Closed Optical Target ("LS25/50")

- Ultra High Precision
- Live Aiming for Advanced Aiming Trainings
- For projectiles up to 1500 joules energy



3 TARGET COMBINATION

A major training advantage is that different targets can be used together for optimal training scenarios.



4 WIRELESS OPTION

High-Performance Antenna and Tablet System for Shooting Training

Our advanced wireless antenna and tablet system offers exceptional connectivity with a point-to-point transmission range of up to 10 km. The enhanced mesh WiFi network provides improved coverage, even around obstacles such as terrain, vehicles, and buildings. Featuring high-speed data transfer, state-of-the-art security and encryption, and global regulatory compliance, the system ensures seamless data flow and worldwide deployment.

A user-friendly setup, robust design, scalable solutions, and cost efficiency, making it the ideal choice for demanding shooting training applications in military, law enforcement, and other professional sectors.



5 LOMAH vs. Hit Switch

Location of Hit and Miss Target (LOMAH) targets are acoustic targets that can measure trajectories of supersonic projectiles on the target but also in a large area outside of the target. LOMAH targets are more functional targets in that Hit-Switch targets only measure hits on the target using mechanical sensors. The advantages of LOMAH targets over Hit-Switch targets are the following:

- Measure and visualize close shots that missed the target
- Measure speed information of the projectile
- Unlike Hit-Switch targets, false hits from kicked up debris will not register on LOMAH targets
- No mechanics involved and therefore more reliable
- Much lower operational costs
- Expedites training and reduces training time

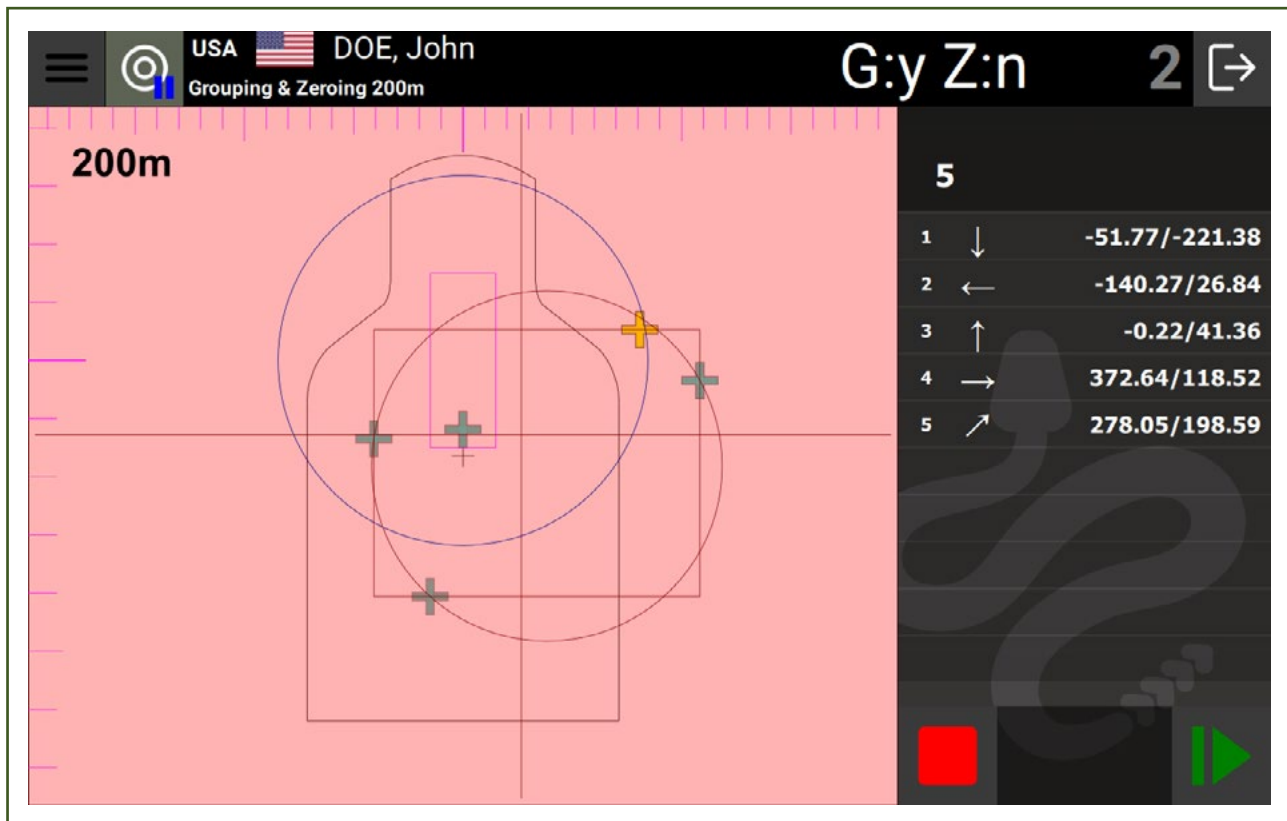
6 TRAINING CAPABILITIES

6.1 PERSONAL RESULTS AND RESULT HISTORY

Shooters have the optional ability to login to the system with their own user identification and save results to the system. Reports for previous results can conveniently be printed out at a later date.

The SIUS Marksmanship Training offers you the ability to train beginners and expert shooters at the highest level.





6.2 GROUPING AND ZEROING

Shooters can confirm grouping and zeroing with the built-in learning exercises. Depending on the weapon type, as well as the sight or scope used, the exercises guide them through the process of correctly identifying the group and zero of their weapon. The trainer can define pass or fail criteria to adapt the training optimally to the level of the shooter. The system provides sight correction recommendations on the shooter's monitor based on established criteria. This greatly expedites the training experience.

6.3 EXERCISE EDITOR

- Automatically lower Pop-Up targets after a particular number of hits or zone hit location
- Dynamic and timed exercises only showing targets for a certain amount of time
- Define point scores for different zones of the targets
- Define how many points have to be achieved in order to pass an exercise
- And many more possibilities



7 WHICH NETWORK?

CABLED NETWORK OR WIFI AND BATTERIES?

Generally, we suggest our customers opt for cabled solutions wherever this is possible. The advantages outweigh the disadvantages by far. The advantages of cabled systems are:

- No batteries that have to be charged, maintained and replaced after their end of life
- Faster and more reliable networks
- Networks are more secure
- Power and networks are distributed to the devices conveniently in one cable
- Automatic setup possible (less complex once set up)
- No concept for antenna placement needed (e.g. protection)
- No regulations regarding wireless frequencies have to be considered

If the customer still prefers a wireless solution, we are happy to support and guide the customer to our best options.

SIUS AG

Im Langhag 1
8307 Effretikon
Switzerland
+41 52 354 60 60

info@sius.com

www.sius.com

facebook.com/sius.ag

instagram.com/siusag

