



MANTIS



PRODUCT CATALOG

MANTISX.COM

 @MantisFTS

 MantisX

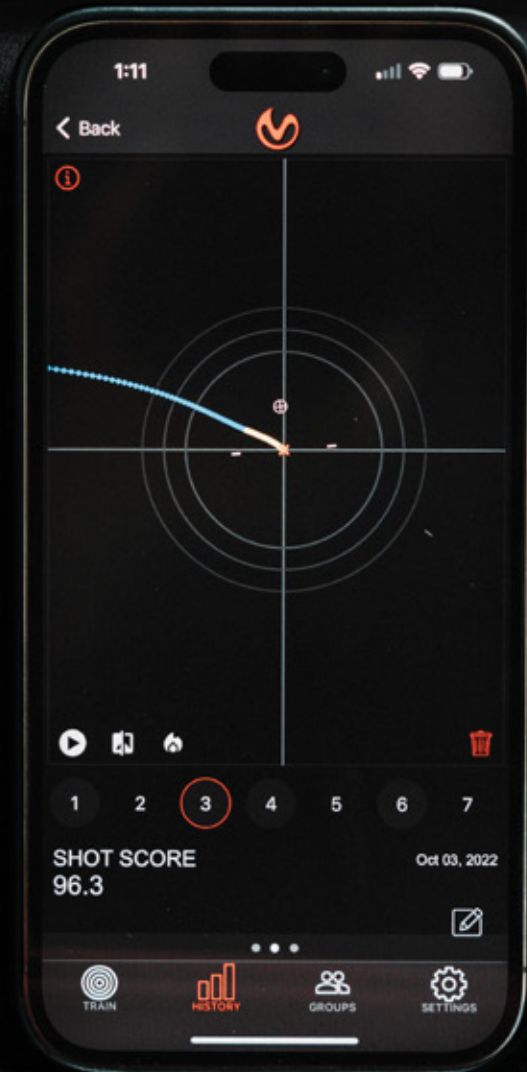
 @mantis_tech

VERSION 2 - 1/24

REAL-TIME FEEDBACK. REAL-TIME RESULTS

MAXIMIZE

COMBAT LETHALITY



IMPROVE EVERY SHOOTER AT EVERY LEVEL.

At Mantis our mission is to improve every shooter by providing data-driven performance feedback on every shot. Mantis accelerates their journey through qualification to lethal combatant.

Case studies show:

- Improved qualification rates and scores
- Reduced ammunition cost
- Increased performance compared to standard training
- Reduced training time

RESULTS

CASE STUDY 1

US Army Controlled Study

Noted:

After the study, battalion commanders requested immediate fielding



Reduced time to zero

25% fewer rounds required



Increased qualification rate

30% higher initial qualification rate



Top qualification scores

MantisX platoon qualified with the highest scores

CASE STUDY 2

- Major Metro PD
- Two Groups of new recruits
 - Group A trained normally.
 - Group B used MantisX.

Noted: *Group B spent less time training in preparation for qualification*



GROUP A
qualification rate



GROUP B
qualification rate

CASE STUDY 3

US Military Marksmanship Team

Noted: *Saved \$13,000 in training ammunition costs*



Before Training with MantisX

Placed 45-50th out of 90 competitors in 2017



After Training with MantisX

Placed 3-8th out of 90 competitors in 2018



Training Regimen

6 weeks of MantisX,
75 dry fire shots/day

CASE STUDY 4

- UK Military Marksmanship Team
- Non-competing reserve team scrambled together at the last-minute before a competition against other active duty teams
- 3 days of training with MantisX



Placed **2nd** out of **16 teams**

CURRENT ADOPTION

- Used by most major law enforcement departments, at local, state, & federal levels.
- Adopted by CIA, Secret Service, FLETC, etc.
- US Marines (USMC) using MantisX as their marksmanship trainer of choice, in basic training & qualifications. At Parris Island, qualification rates have gone from 88% to 95%+.
- Used by all branches of the US military, including SOCOM units.





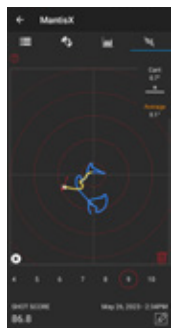
MANTIS X10 ELITE

SHOOTING PERFORMANCE SYSTEM

- A smart sensor that analyzes shooting technique by tracking gun movement rather than point of impact.
- Bluetooth connection to smartphone or tablet.
- Real-time, data-driven feedback via an easy-to-use app.
- **94% of shooters improve in just 20 minutes.**

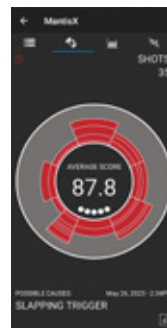


KEY FEATURES:



DETAILED AIM TRACE

- Tracks movement 3 seconds before and 1 second after each shot.
- Detailed breakdown of the shooting process.
- Show an instant replay with zoom capabilities.
- Score each shot based on deviation from sighted position when shot breaks.

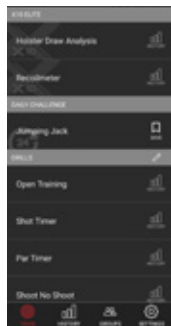


AGGREGATE VIEW

- Identify largest deficiencies quickly.
- Get a holistic view of the entire shooting session.
- Easy to understand muzzle movement direction and magnitude.

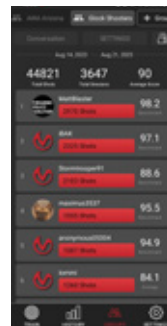
INTELLIGENT TUTORING

- Smart coaching gives customized feedback based on the shooter's analysis.
- Shooters know WHY they missed, WHAT to focus on and HOW to improve.



DRILLS AND COURSES

- Dozens of drills for pistol and rifle
- Skill building courses
- Unlimited customization for organizational needs (already includes USMC, US Army, and UK MoD qualifications)



GROUPS

- Monitor individual and group progress from any device
- Get high-level and granular data to guide instructors and commanders to making impactful, smart decisions.



COMMANDER'S DASHBOARD

- With the data in the cloud, shooting performance data is available to every stakeholder at every level.
- Unlocks data-driven assessment of shooters, instructors, curriculum, and organizations.
- Enforces accountability at every level.



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App Store

available at
amazon appstore

GET IT ON
Google Play



BLACKBEARDX

THE AUTO-RESETTING TRIGGER SYSTEM WITH ANALYTICS AND SMART FEEDBACK

- A drop-in auto-resetting trigger system allowing you to dry fire like you live fire, with your own weapon.
- Bluetooth connection to smartphone or tablet.
- Access to the same drills, course, and feedback as the X10 Elite.
- Additional drills for training and analyzing the economy of motion in high-speed, multi-target engagement.
- Emits a pulsed laser on each shot for point of impact data.
- Compatible with any laser-based training system.



TRANSITION PATH

The most efficient path between two targets? A straight line. Deviate from that path, and your score decreases. The more efficient the path, the more effective the shooting.

OVER-TRAVEL

Multi-target transitions are often accompanied by moving the gun past or through a target before coming back to take the shot. BlackbeardX quantifies the egregiousness of the over-travel movement.

ON-TARGET DELAY SCORE

Most shooters delay on target for longer than they need to. This metric tells you exactly how long you delay - and how much faster you could go with the same level of accuracy.

BLACKBEARDX EXCLUSIVE DYNAMIC ANALYSIS

- A detailed breakdown of the firing process scored in multiple dimensions.
- Heat trace on every transition for identifying optimal speed.
- Tracks transitions and shots on multi-target engagement.
- Phase Times breakdown for each shot.
- Compare session by session, shot for shot, user to user.
- Configurable drill settings.

WORKS WITH

- AR-15
- SIG MCX
- SIG SPEAR
- FN SCAR L
- FN SCAR H
- AK-47
- AK-74
- AR-10



ACHIEVE OVERMATCH



MANTIS

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