

STUDIOS & SIMULATORS

A collaboration between MIA
Golf Technology and MIA
Sports Solutions



MIA SPORTS
SOLUTIONS



INTRODUCTION

Whether you are an individual looking for a multi-purpose simulator at home that the whole family can enjoy, or a golf club looking for a state of the art golf studio, we have a solution for you.

MIA Golf Technology and MIA Sport Solutions have joined forces to give you the ultimate golfing experience with state of the art FlightScope technology.



SIMULATORS

Perfect for your home or in addition to club or range

Approach

Choosing the right golf simulator which meets your personal requirements can be a bewildering task. The market choice is extensive in terms of both technology and price range but we pride ourselves on offering honest and independent advice. You will get exactly what is right for your individual needs.

Our CAD design and planning service will ensure you can visualise exactly what the finished product will look like in your chosen location. It also gives detailed requirements on what services and pre-installation building work is required.

Considerations

To achieve the best possible result there are 4 important areas to consider when designing your simulator, when combined together will determine the quality of the indoor golf experience. These are:

- Golf Simulator Enclosures
- Golf Course Simulation Software
- Ball Tracking Technology
- Installation & Support

Enclosures

Our UK built enclosures are designed for quality and performance. A premium timber construction ensures floor stability and rigid wall/ceiling construction. Luxury and sound dampening is achieved through a carpet lining. Construction is modular, a series of floor and wall panels are assembled on site by our technicians.

Featured within the enclosure we deploy a hitting projection screen, performance tee turf, HD projector, touch screen and performance computer. Conduit routing allows for cable management. All of our enclosures are custom built allowing us to be flexible to suit your needs

GOLF COURSE SIMULATION SOFTWARE

All our simulators use E6 software, this is because it is simply the best and the industry standard for golf simulation.

E6 Golf by TruGolf

E6Golf simulator software is known for its realism, beauty, and a world-class golf course list that includes 30 of Golf Digest's and Golfweek's "Greatest Courses". Using Cloud technology, TruGolf provides consumers and commercial facilities with more frequent and more efficient software and content updates

.E6Golf has the largest selection of world-class golf courses, with four new courses made available every year. Each one of our virtual courses is a precise replica of its physical counterpart, and is unmatched by any competition.

E6 Connect

E6 Connect is the highest-quality, most lifelike and customizable golf software ever created. Use it with launch monitors to teach or train on the driving range, to compete in leagues and online events at a commercial facility, or just play fun games at home with friends and family.

E6 Connect features stunning 4k graphics and more flexibility, customization and control than ever before. What makes our new generation of golf software truly revolutionary is its massive network designed to connect golfers around the world, from private peer-to-peer play to custom to global tournaments.

MULTI-PURPOSE SOFTWARE

Whilst the primary use of our simulators is intended for golf, they are diverse in their use. Whether it is a cinema room for the whole family, a games room for your children to play on their Xbox or even using TruGolf MultiSport software to play

virtual baseball, hockey or football, our simulators extend beyond just being used for golf. The multi-purpose use of a simulator creates great value money even if it may provide some minor squabbles about who's turn it is to use it!





BALL TRACKING TECHNOLOGY

FlightScope Mevo+ 2023 Edition

- The ultimate launch monitor and simulator that uses patented FlightScope Fusion Tracking technology to provide accurate performance data you can trust.
- 3 USPs: 20+ data points, simulation & games, automatic video clipping

£1,800.00 + VAT



FlightScope X3

- An innovative combination of 3D Doppler tracking and image processing for the most accurate tracking technology ever seen. Trust the unmatched accuracy.
- 3 USP's: 50+ data points, Fusion Tracking, Wedge D-Plane data

£12,500.00 + VAT



Dedicated training facilities for teaching

PROCESS

Philosophy

Our philosophy firmly believes that the experience that your customer receives when engaging your teaching or club fitting services is of paramount importance.

Your studio environment is more than a collection of independent technologies, it should be a fully integrated solution with consideration given to every detail, our

key values are functionality, interior design, efficiency and quality. We apply principles that have been widely adopted by leading retail brands in creating sector leading experiences.

Design & planning

The start of any project commences with a full briefing process where we listen and understand the customer's vision, requirements and needs. Once established we illustrate the vision using the very latest Computer Aided Design technology to visualise 3 dimensional

renderings that allow the customer to see exactly how the finished solution will look. Full scaled plans and cabling schematics follow, providing building contractors with exact guidelines required to bring the vision from concept to reality.

Integration

We integrate all technologies seamlessly, some customers often comment once an installation is complete that they are surprised by the clean look of the environment and its simplicity. This is the exact impression we want to hear.





BALL TRACKING TECHNOLOGY

FlightScope Mevo+ 2023 Edition

- The ultimate launch monitor and simulator that uses patented FlightScope Fusion Tracking technology to provide accurate performance data you can trust.
- 3 USPs: 20+ data points, simulation & games, automatic video clipping

£1,800.00 + VAT



FlightScope X3

- An innovative combination of 3D Doppler tracking and image processing for the most accurate tracking technology ever seen. Trust the unmatched accuracy.
- 3 USP's: 50+ data points, Fusion Tracking, Wedge D-Plane data

£12,500.00 + VAT

INFRASTRUCTURE

Infrastructure is the foundation that supports all the software and hardware within your studio solution and is fundamental to efficient and reliable performance. In detail this covers all computers, cabling and the interface

between Core Technologies, Visual Display and Imaging / Capture. Specific consideration is given to, security, cable management and the creation of a clean professional environment.

KEY CONSIDERATIONS

- Cable management
- Environmental protection of sensitive equipment
- Sufficient resources to effectively run all systems for the next three years
- Future proofing for possible upgrades
- Support of your business' critical systems
- Reliability

TECH:EX Feature	Performance Benefit
Performance workstations from Dell	Powerful and premium performance for intensive applications.
SSD hard drives	Maximisation of HD camera performance.
Eyefinity 6 port graphics	Versatile 6 monitor display configurations.
Full pre-system configuration	Fully tested, reduced installation time.
Worldwide 3 year next day business onsite support*	Should the system develop a fault, Dell's NBD Service can place a service technician at the customer's location for the duration of the service period*, provide a parts and labour service.
Uspace Midi server cabinet	Compact, secure vented storage.
Cable looms	Tidy and efficient cable management system.

CAMERAS

Infrastructure is the foundation that supports all the software and hardware within your studio solution and is fundamental to efficient and reliable performance. In detail this covers all computers, cabling and the interface

between Core Technologies, Visual Display and Imaging / Capture. Specific consideration is given to, security, cable management and the creation of a clean professional environment.

KEY CONSIDERATIONS

- **Frame rate to allow the capture of enough elements of the golf swing**
- **Image quality and photographic representation**
- **Shutter speed to freeze the key parts of the swing**
- **Cabling and management**
- **Positioning within the studio**
- **Adjustability**
- **Image live feed capabilities**

TECH:EX Feature	Performance Benefit
Powerful USB3 cameras from IDS, featuring Global Shutter and sensitive 1.3 megapixel CMOS sensors	Superb HD Quality images at up to 210 frames per second both indoor and outdoor.
Versatile, compact USB2 cameras from IDS, featuring Global Shutter and 0.36 megapixel CMOS sensors	High quality images at value price points, ideal for putting, entry level studios or portable systems.
Active cable systems	An all-in-one cable for overcoming distance restrictions as well as power source limitations; the active USB 3.0 extension cable incorporates bus-powered active circuitry to ensure performance beyond the length limits of standard cables.
Wall mounting systems	Wall mounting brackets, strong reducing camera shake and screw lock system allows easy transfer from right to left hand face on locations.
Floor rail systems	Hi tech floor rail allowing 1m lateral adjustability to accommodate left and right players. Ensures tidy cable management.

VISUAL DISPLAY

Infrastructure is the foundation that supports all the software and hardware within your studio solution and is fundamental to efficient and reliable performance. In detail this covers all computers, cabling and the interface

between Core Technologies, Visual Display and Imaging / Capture. Specific consideration is given to, security, cable management and the creation of a clean professional environment.

KEY CONSIDERATIONS

- **Location of displays to ensure both the customer and instructor have access to all data**
- **The creation of theatre within the studio**
- **Projection systems**
- **Cabling systems that function but cannot be seen**
- **Integration of mobile devices, Apple iPad**
- **Interface with TECH:EX infrastructure**

TECH:EX Feature	Performance Benefit
43" multi client display	High performance monitor scalar offers exceptional clarity up to Ultra HD 4K. Connect up to four independent clients to a single monitor with customised views, all without bezel breaks, so you can take total command of your tasks.
42" Plasma displays	Stunning, deep and rich picture quality. Multiple HDMI connections for a highly flexible range of inputs. Flat profile for aesthetics.
24" LCD displays	Award winning UltraSharp LED backlit monitors from Dell. Full HD, energy saving. Optimised viewing from all angles.
24" LED touch screens	MultiTouch screen. Based on the latest Optical Touch Screen Technology, from Liyama. Windows 7 compatible and interfaces with all software packages within your studio.
Projectors, 3000 ANSI high brightness	Should the system develop a fault, Dell's NBD Service can place a service technician at the customer's location for the duration of the service period*, provide a parts and labour service.
TECH:EX display column	Lightweight display column, provides high impact and functional control area from which to professionally run your studio, and professionally interaction with your customer.
Cable looms	Tidy and efficient cable management system.

LIGHTING

Infrastructure is the foundation that supports all the software and hardware within your studio solution and is fundamental to efficient and reliable performance. In detail this covers all computers, cabling and the interface

between Core Technologies, Visual Display and Imaging / Capture. Specific consideration is given to, security, cable management and the creation of a clean professional environment.

KEY CONSIDERATIONS

- The correct quantity of light
- Positioning relative to the performance hitting area
- Type of light source
- Energy efficiency
- Installation simplicity
- Interface with TECH:EX infrastructure

TECH:EX Feature	Performance Benefit
900 54W (8690 LUX) LED Continuous Still and Video Light	A powerful, lightweight and portable LED lighting source that suits both still and video work. Includes: stepless dimmer for accurate power setting, noiseless convective heat dissipation, external DMX socket for DMX control or remote dimmer, 900 premium quality LEDs with accurate and stable colour temperature, low power consumption, filter set for colour change and control, and diffusion.
Circular support truss	Our 4000mm semi circular aluminium ladder lighting truss is lightweight and provides the perfect support structure for locating our fluorescent lighting units. It's typical location mirrors our circular performance turf enhancing the aesthetic feel of the studio.
Adaptable ceiling mounting systems	A range of ceiling support systems enable safe and secure fixing of the lighting system in the perfect location no matter what type of ceiling construction.
Specialist installation	The MIA Sports Solutions team install all lighting, all the customer needs to provide is 2 x 13 amp power points. This service reduces the cost for the customer.

PERFORMANCE TURF

Infrastructure is the foundation that supports all the software and hardware within your studio solution and is fundamental to efficient and reliable performance. In detail this covers all computers, cabling and the interface

between Core Technologies, Visual Display and Imaging / Capture. Specific consideration is given to, security, cable management and the creation of a clean professional environment.

KEY CONSIDERATIONS

- **Size of surface area**
- **Integration of technologies such as SAM balance lab**
- **Deployment of cable infrastructure**
- **Management of floor levels to create a single floor level throughout the studio**

TECH:EX Feature	Performance Benefit
Performance tee turf, circle 2700mm	A durable surface that simulates a real grass that will take a golf tee peg. Deployed in a 2700mm circular configuration assists the coaching process and reduces wear.
Nylon performance putting turf	Excellent simulation of a putting green in terms of speed and consistency.
Full floor advisory surface, integration of technologies	Part of the design process ensures that finished playing surfaces are level neutral and that all technologies deployed are fully integrated including cable.

NETTING & ENCLOSURES

Infrastructure is the foundation that supports all the software and hardware within your studio solution and is fundamental to efficient and reliable performance. In detail this covers all computers, cabling and the interface

between Core Technologies, Visual Display and Imaging / Capture. Specific consideration is given to, security, cable management and the creation of a clean professional environment.

KEY CONSIDERATIONS

- **Size**
- **Whether an indoor and outdoor combination is required**
- **Construction of the room to ensure secure fixing points**

TECH:EX Feature	Performance Benefit
Black polypropylene side/roof nets	Clean open feel that effectively contains the golf ball without compromising the open feel of the room.
White archery heavy gauge baffle nets	A durable backdrop that effectively controls the golf ball. Its close mesh weave makes it the perfect screen for projected images.
Wire support system	A 3mm steel wire custom frame is constructed to provide the framework to support the performance net system.

INTERIOR DESIGN

Infrastructure is the foundation that supports all the software and hardware within your studio solution and is fundamental to efficient and reliable performance. In detail this covers all computers, cabling and the interface

between Core Technologies, Visual Display and Imaging / Capture. Specific consideration is given to, security, cable management and the creation of a clean professional environment.

KEY CONSIDERATIONS

- Maximising technology performance whilst creating atmosphere
- Building awareness for your brand

TECH:EX Feature	Performance Benefit
Wall colour	A good wall colour choice to maximise the camera image quality, combine contrasting feature colours to create a welcoming atmosphere for customers.
Ambient Lighting	In contrast to our video lighting atmosphere can be created through the use of down lights and concealed recessed lights.
CAD Logo Carpets	Hi impact visual presence of your corporate branding which creates a high quality image of your facility.
Wall Murals	A full wall image of a famous golf hole, or player can be a source of great inspiration to customers.



ABOUT US

MIA Golf Technology

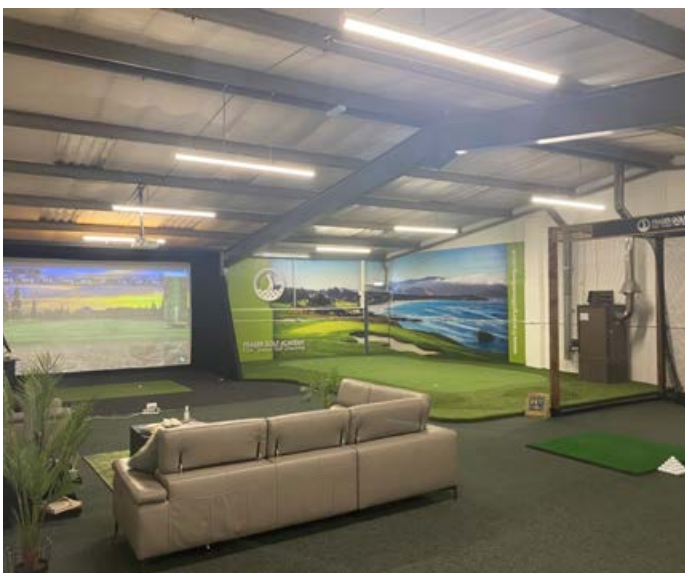
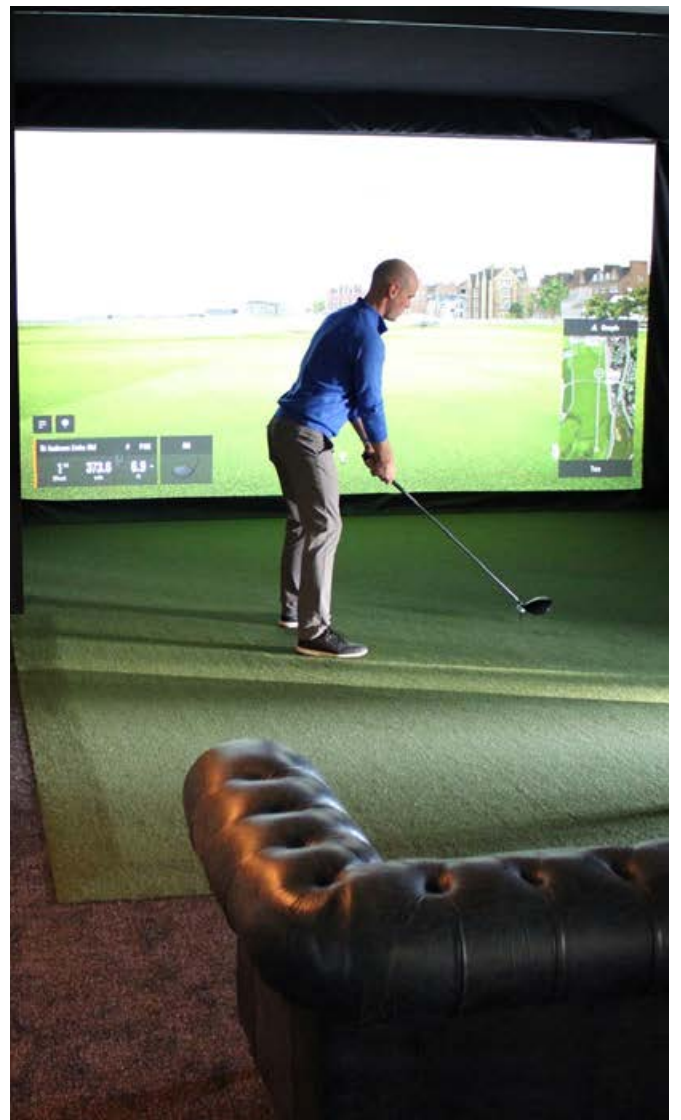
We are golf training technology experts. Experienced players who understand how technology can make the difference between good and great performance,

working to deliver reliable, advanced and game-changing technology that will transform your play.

MIA Sport Solutions

MIA Sports Solutions is widely recognised as a global leader in the design and installation of Performance Golf Studios, under our Tech:Ex Studio Solution brand name, servicing a full range of customers from independent golf professionals to large corporate resort clients. We operate across a wide international market place including the UK, Europe, the Middle East, Far East and Australia.

Over the last 3 years our business has expanded providing premium Golf Simulator solutions to corporate clients and private individuals. Creating stunning indoor golf experiences we ensure customers get the closest thing to the real golf course in the comfort of their home or office.





CONTACT US

T: 0114 243 6248 • E: sales@miasportstechnology.com

1 Europa View,
Sheffield Business Park,
Sheffield,
S9 1XH

miasportstechnology.com