# *Accelerate your golf analysis*

Combine our high performance camera technology with the Qualisys Golf Analysis Module, enabling you to generate a comprehensive golf report with the click of a button.

Analyzing golf swings requires fast and precise camera technology. Qualisys cameras offer just that with frequencies up to 1100 Hz at full field-of-view with our 7+ camera. However, the best camera technology is worthless unless it is combined with the right tools to analyze the raw data. This is where our Golf Modules come in.

The Qualisys Golf Modules exist as some of the most comprehensive golf analysis solutions on the market. The data analysis has been continuously developed over the years with partners at the Penn State Professional Golf Management program in order to maintain its status as a state-of-the-art facility in golf analysis.

The module has been designed to give you the benefits of an advanced golf analysis tool without the need to develop a reporting solution.

## FEATURES

- All relevant biomechanical variables
- Detailed analysis of ground reaction forces and center of pressure[1]
- Marker set for accurate tracking of 14 body segments, plus club segments
- Option for reduced marker set
- Filters specially adapted for golf
- Interactive web report

[1] Two force plates required for kinetic analysis.

**Qualisys Golf Module**

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## PROCESS

After attaching markers to the golfer, the Project Automation Framework (PAF) interface in the QTM software guides you through the capture steps, making it quick and easy to collect data.

The pre-trigger functionality makes it easy to capture the data in a time efficient matter. Simply press the trigger button at impact or connect a sound trigger, and QTM will save data for the full swing[2].
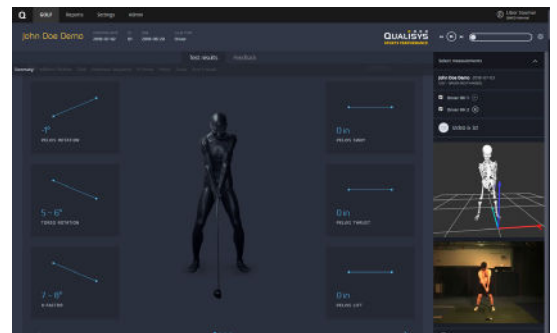
Using Visual 3D as an automatic post-processing engine, the system performs all necessary measurements whilst maintaining precision in all biomechanical calculations – full documentation is included.

## REPORT

Using the full body marker set, the module automatically generates a report that includes variables such as stance metrics, swing plane and kinematic chain. The report also includes snapshots of the 3D model at all key events.

The Golf Performance Module integrates seamlessly with our online Report Center. Upload and share interactive web reports with the click of a button.

## MODULE OPTIONS AND REQUIREMENTS

| Module | Marker set | Cameras (min) | Room size (min) | Processing engine | Report |
|--------|------------|---------------|-----------------|-------------------|--------|
| Golf | Full body or partial | 10 | 5 x 5 m | V3D | Visual3D, Web |

### PRECISE 3D TRACKING

Track the movements of the golfer in all three dimensions and with high speed and sub-millimeter precision.

### REDUCED MARKER SET OPTION

Focus on the main body parts while executing a comprehensive report with all major variables.

### INTERACTIVE WEB REPORT

Generate an online report with all relevant results and findings. Create a private link to share the report.

[2] Special system requirements

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