

# SwingProfile

## Instant Video Analysis While You Swing



### About the Inventor

SwingProfile (patent-pending) is invented by Dr Zeke Chan. Listed in *Marquis Who's Who in the World*, Dr Chan is an expert in Artificial Intelligence and Data Mining with more than 17 years of experience.



### Contact SwingProfile

ddi: +649 523 0080  
mob: + 6422 066 8228  
travel mob: +372 54 662256  
fax: +649 523 0090  
email: [info@integrityanalysis.com](mailto:info@integrityanalysis.com)  
web: [www.swingprofile.com](http://www.swingprofile.com)  
PO Box 17338, Greenlane, Auckland, New Zealand

*Photo courtesy of Scott Pickett (NZPGA, Head Pro of North Shore Golf Club) and Jayson Zulch.*



# SwingProfile

Capture the key moments.

Swing sequences are widely used in teaching and analyzing golf swings. But because they are cumbersome to extract, few golfers have the privilege to see their own sequences, until now –

## What is SwingProfile?

SwingProfile is the world's first technology that instantly generates swing sequences from live or pre-recorded video. Set up a camera and swing; SwingProfile will extract and display your sequence immediately to give you instant feedback.

Unlike other advanced analysis systems, SwingProfile does not require any specialist equipment. It works on normal video, and it can therefore operate on standard laptops, smartphones, the internet or digital cameras. You can carry SwingProfile to the driving range or golf course in your pocket.

## Applications

- Instant swing diagnosis
- Coaching
- Club-fitting
- Sharing swing videos and sequences on social networks such as YouTube and Facebook
- Live TV broadcast analysis



*A swing sequence generated by SwingProfile*

## Key Features

### Instantly Capture Your Swing Sequence

SwingProfile generates and displays your swing sequence instantly, after each swing you make.

### No More Starting and Stopping Recording

Film yourself for an entire training session in a single recording. SwingProfile will extract your swings from the video and remove everything else, reducing the size of your videos by an average of 90%!

### Smart Swing Synchronization

SwingProfile synchronizes two swings, regardless of differences in tempo. These swings can be viewed side by side, allowing easy comparison with friends or pros.

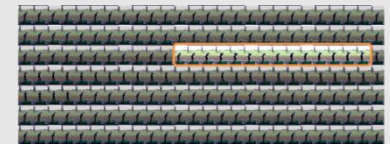
### Twin Cam Simulation

SwingProfile gives you a twin camera effect using only one standard camera, by synchronizing a front and down-the-line view of your swings and placing them side-by-side.

### Instant Club Lines

SwingProfile automatically draws club lines and measures club angles.

## How does SwingProfile work?



Smart Trim



Pick Key Positions



First, SwingProfile extracts the section of video that contains the golf swing. Then it selects key positions from the extract to make the final swing sequence.

On average, only 1 out of 100 video frames contains a key position. SwingProfile finds each of them for you instantly.