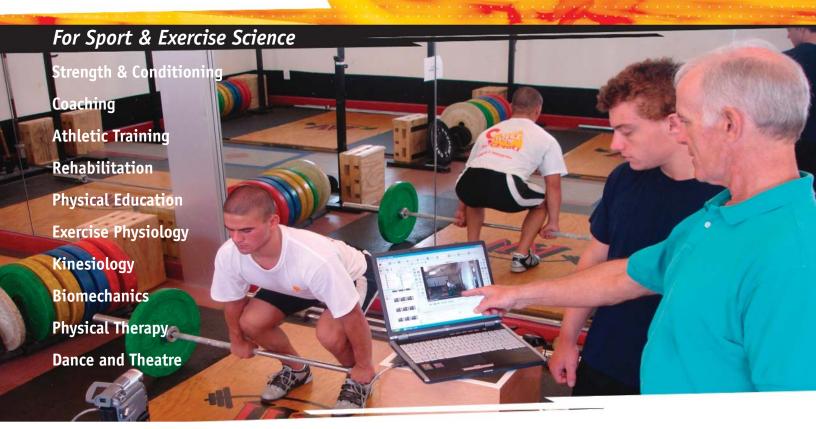
DARTFISH Software



COMMUNICATE



Enhance motion analysis skills for improved performance in athletics and rehabilitation

- > Students work with coaches/athletes using instant visual feedback for improved performance
- > Students work with fitness trainers to help clients develop proper techniques for workout programs
- Students coordinate with healthcare professionals to develop appropriate and accurate rehabilitation techniques

ANALYZE



Capture, visualize and measure human performance for optimal performance

- > Analyze movement step-by-step
- > Demonstrate key movement techniques
- > Track and retrieve data with ease
- > Measure angles, speed, trajectory
- > Fuse data from other systems
- Develop a best practices video clip library

SHARE



Bridge the gap between perception and reality, sharing difficult biomechanical concepts visually

- > Students create visual, written, graphic and oral presentations showcasing their motion analysis skills
- Students learn to use digital video analysis technology for future careers
- > Instructors create multi-media motion analysis instruction with clarity and visual impact
- > Instructors evaluate students with a viable, interesting, and virtual assessment tool



BENEFITS

- > Give your students a career edge with hands-on experience in digital **video technology**
- Increase student learning power and involvement using the best educational practices
- > Assess your students accurately, effectively and in a **timely manner**
- > Integrate the latest techniques in **notational technical analysis**
- > Create cutting-edge motion analysis projects and presentations
- > Use **consumer grade equipment** computers, laptops and DV cameras
- Provide experiences to prepare students for certifications as Health and Fitness Instructors,
 Sports Medicine Specialists, Certified Personal Trainers, Certified Strength and Conditioning
 Specialists and Certified Athletic Trainers
- Research using dynamically measured data analysis of velocity, distance, angles, and range of motion

System Requirements

- > PC or Laptop, Windows 2000 or XP
- > Pentium Processor (PIII, P4, Centrino) over 1 GHz, Athlon XP, Celeron 2, AMD
- > Memory RAM min. 256 MB, advised 512 MB
- > Graphic card with 16 MB (min. 1024 x 769)
- > Firewire port (IEEE 1394) to connect the DV Camcorder
- > Parallel or USB port for software protection dongle
- > Mini DV Camcorder or analog camera with converter (>MPEG-2 or firewire)

FUNCTION OVERVIEW

Use during sessions



- > Connect with either 1 or 2 video cameras
- > See instant on-screen display
- > Make direct comparisons with a reference video during the session
- > Operate the software by remote control
- > Use drawing tools even in full-screen mode

Actuate various advanced analysis tools



- > Draw "freehand", adding lines and curves straight to the video
- > Add commentaries, titles and notes
- > Magnify areas of interest
- > Track movements and measure angles and distances

Individualize your observation criteria



 Benefit from the latest techniques of notational analysis to tally the performance of a game, a rehabilitation program or a designated human performance

Export to the media format of your choice



- > Export your videos and multimedia files to CDs and e-mail
- > Freely personalize CDs with your logo, address or other features
- > Allow your students/patients to view the CDs and multimedia files with no need for additional software

Create multimedia files of a video analysis



> Compose multimedia files integrating video, key still positions, drawings, audio commentaries and text for analysis of a particular movement

Contact Dartfish

If you would like to know more about Dartfish products, send us an e-mail to usa@dartfish.com, visit www.dartfish.com/contact or contact your closest Dartfish representative by calling 1-888-655-3850.

