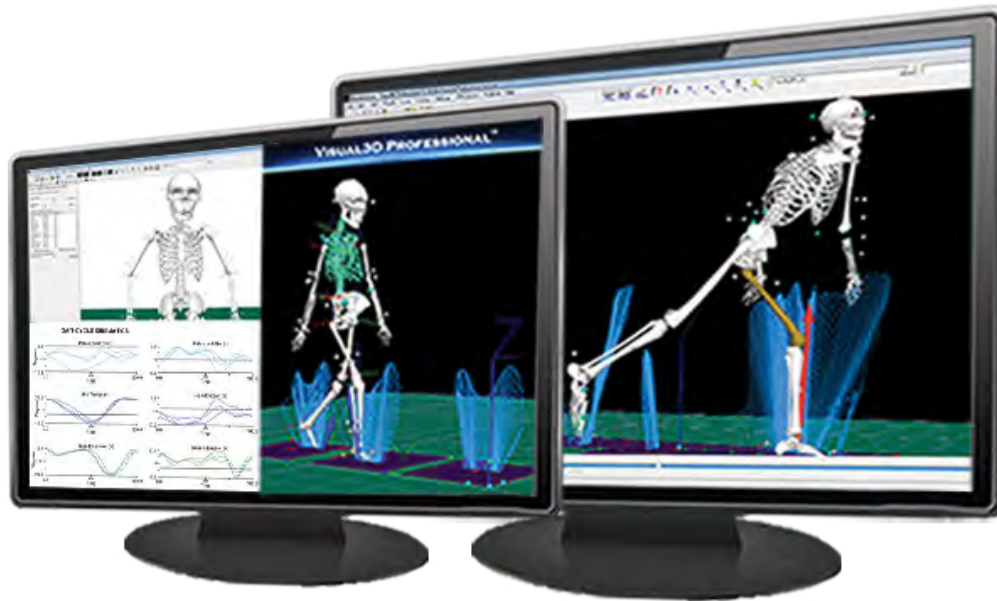


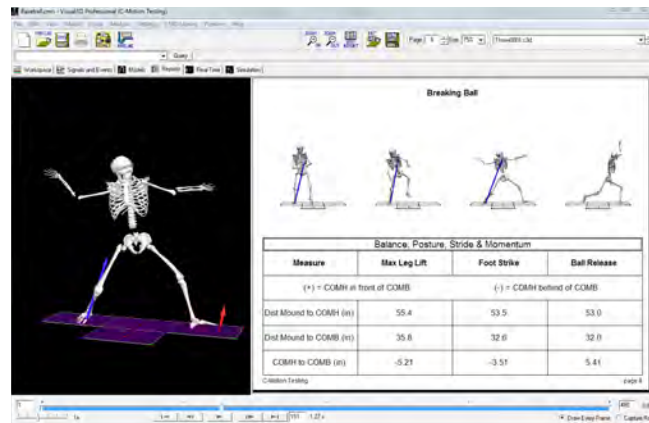
The #1 Rated Research Software Package for 3D Biomechanics Analysis and Modeling.



Visual3D™ Key Features

- Flexible Modeling - Global Optimization, 6 DOF, Conventional Gait, Virtual Markers, and more.
- Biomechanics Calculations: 3D Kinematics, 3D Kinetics, & EMG.
- Incorporated Force Sensors, Force Platforms, Instrumented Stairs and Instrumented Treadmills.
- Comprehensive Reporting and Graphing.
- Export to OpenSim.
- Comprehensive Data Management.
- Enables and Supports Complex Analyses.
- Real-Time Streaming.
- Keeps a History of all Processing Steps on the Data.
- 3D Digitizing Pointer Support.
- Functional Joint Center Calculations.
- Extensive Pipeline Scripting for Automation.
- Real-Time Biofeedback, RT Analysis, RT Pipeline.
- Relational Database Support.
- Induced Acceleration Analysis.

*For Real-Time features hardware must support Real-Time data streaming



Hardware Independent Research Software

Visual3D processes standard c3d files, ASCII, and custom inputs. Analog data (force plates, EMG, EEG, etc) can be integrated and processed with the motion capture data.

Supported Motion Capture Systems

Qualisys
Northern Digital
Codamotion
Motion Analysis
Vicon

Phoenix Technologies
NaturalPoint Optitrack
PhaseSpace
Polhemus
Xsens
and more...