Motion Analysis Biomechanics Software

Cortex
Our core motion capture software comprises 3D tracking, editing, scripting and modeling functions in a *single integrated package*.

Skeleton Builder
Creates joint centers and body segments that are defined and calculated from three or more marker centers or definded virtual markers. Full 6 DOF orientations and positions are computed in real-time, plus joint angles of segments relative to one another.

KinTools RT
KinTools RT is the industry's only self-contained kinetics and kinematics analysis package. Users can create custom models to perform a range of analyses including body center of mass, joint forces, moments and powers.

Calcium Solver
Calcium Solver is a powerful skeletal creation, setup, and motion solving solution. The marker data drives a pre-defined, rigid, hierarchical skeleton definition.

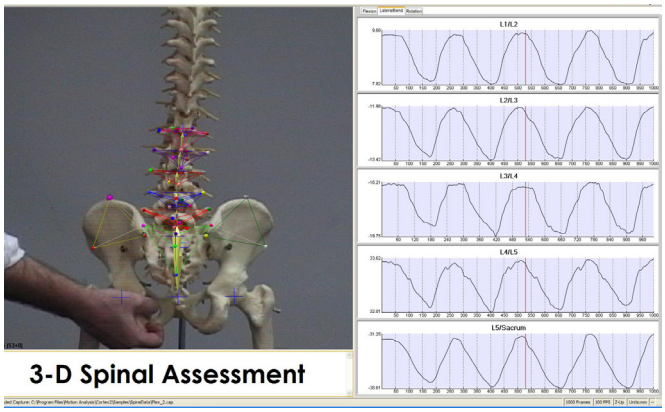
BioFeedTrak
Design and implement real-time biofeedback triggers and instructions that enable clinicians and patients to receive instantaneous audio and visual feedback from marker position or any computed parameters.

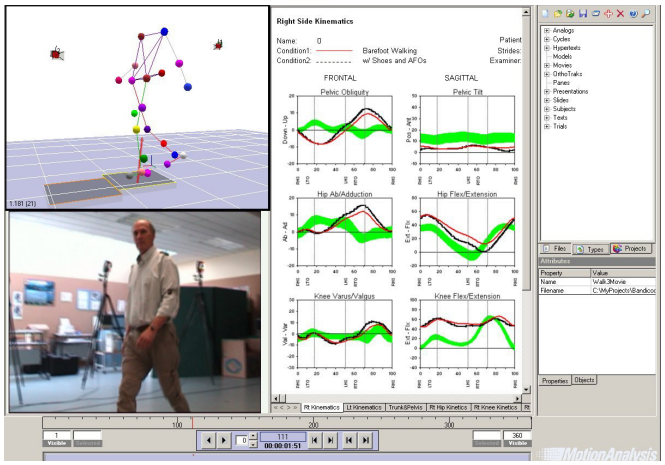
Motion Composer
Create a user defined graphical and interactive report comprising: Motion capture data, forceplate data, EMG data, kinetics and kinematics, documents, color video and live web content.

OrthoTrak
A fully automated, 3D clinical gait measurement, evaluation and database managment system. OrthoTrak integrates kinematic and kinetic analysis with EMG and force plate data and quickly compiles technical data into clinically relevant, simple, and easy to read charts and graphs.

UE Trak
UE (Upper Extremity) Trak calculates three-dimensional upper extremity kinematics and kinetics for upper body movement assessments.

SIMM
A powerful tool kit that facilitates the modeling, animation and analysis of 3D muscles, tendons and skeletal systems.





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