

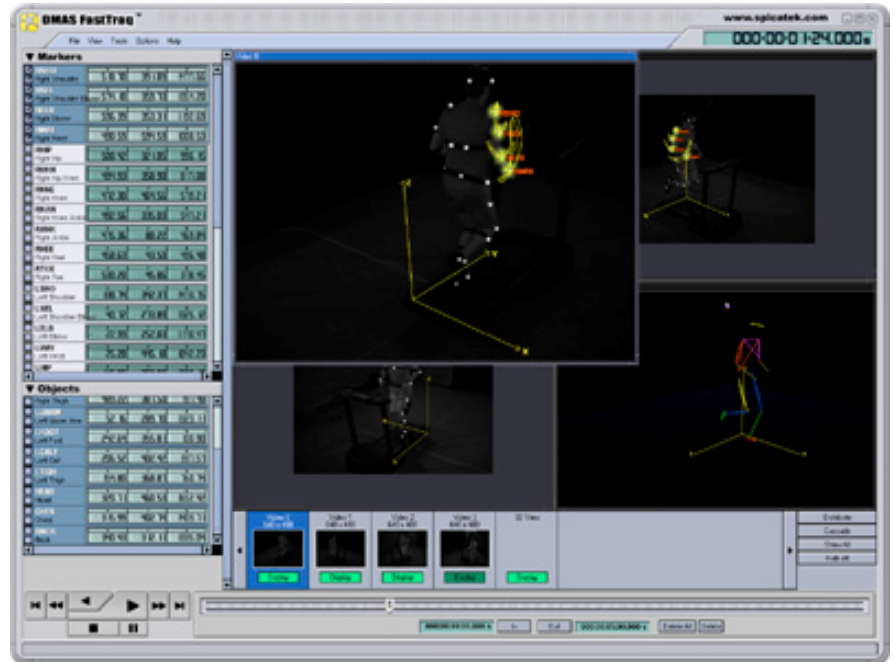
DMAS 6

MOTION CAPTURE SUITE

Spica Technology Corporation's 3D Digital Motion Analysis System – DMAS6™, supports 3D-6DOF Real Time and Automatic tracking with autolabeling to subpixel accuracy, including simultaneous recording of synchronized video, and offers users a choice of either static or dynamic calibration.

DMAS6™ supports capture and tracking with any number of CameraLink, LVDS EIA-644 and all Firewire IEEE-1394a(b) DCAM progressive scan cameras.

DMAS6™ is also capable of importing video from external file formats such as AVI, MPEG and of any size without restrictions. Simultaneous capture and synchronization of audio, analog and digital data, GPS, IRIG-B, Forceplatforms, EMG etc. are also supported.



DMAS6 RealTime™ 3D-6DOF tracking application.



DMAS6™ dynamic calibration procedure

No Proprietary Hardware DMAS6™ uses only standard commercial off the shelf (COTS) hardware including cameras, framegrabbers and processing hardware.

Digital Technology The DMAS6™ system is designed around the very latest in digital imaging technologies to fully take advantage of the recent advances in cameras, processing and networking. We are therefore able to offer digital image processing previously not available in the motion capture industry and can bring more advanced tracking algorithms with subpixel marker centroid calculations and autolabeling.