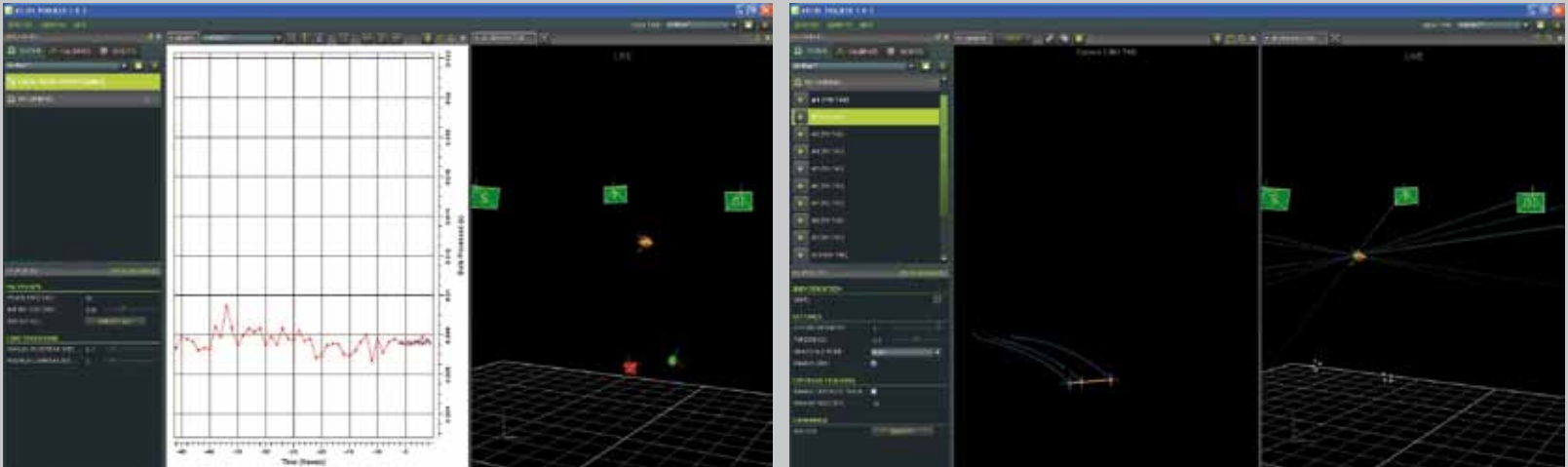


TRACKER FOR BONITA



Tracker has been designed for diverse applications such as: robot tracking, ingress/egress, human factors engineering, design method optimization, virtual engineering, and previsualization.

EASY TO LEARN

Everything you need from calibration to streaming data is neatly arranged within the Tracker interface. Time is precious. Tracker has been designed so you can quickly concentrate on the important work.

OPTIMIZED RIGID BODY TRACKER

Tracker recognizes rigid bodies in 2D so your data will continue even if the markers become visible to only one camera. This results in fewer gaps and more reliable data.

FAST, RELIABLE DATA

Tracker has low latency in streaming object locations.

Tracker's validated latency is 2.5 milliseconds – up to 5 times less than other systems. This reduces feedback issues in immersive environments. If latency is important to your research, Tracker has a built in tool to measure it within your specific application.

FLEXIBLE INTEGRATION

Tracker's robust integration methods enable you to read data in UDP, TCP, and the VRPN Open Source protocol. VRPN allows support in the following 3D applications:

VirTools
Open Scene Graph
WorldViz®
Panda3D
VR Juggler

Tracker's support of the Vicon DataStream allows both Unicast TCP connections and Multicast UDP connections. This is useful when latency is critical, such as transmitting real-time data over Wireless data links for UAV tracking, controlling the flight of a helicopter or path of a robot.

The DataStream SDK is available for Win32, Win64 and Linux for C++. A Win32 SDK for .NET applications (C# and VB.NET) is also available. All these different interfaces give you the ultimate choice for integration in your own software.

TrackD® and Autodesk® MotionBuilder® devices allow further support in various CAVE environments and other virtual simulations.

COMPATIBLE

Whatever your application, Tracker can quickly stream real-time data into it.

Easily add Tracker software to your optical capture system. It works with Vicon MX3+, F-Series, T-Series, and Bonita cameras. For users without a camera system, Tracker is also compatible with the Vicon Virtual System, enabling you to prototype integrations into your software without any hardware.

WINDOWS VISTA 32 BIT & 64 BIT SUPPORT

Tracker has been tested to operate under both 32 and 64 bit installations of Windows Vista and Windows XP.

Vicon acknowledges all trademarks.

VICON