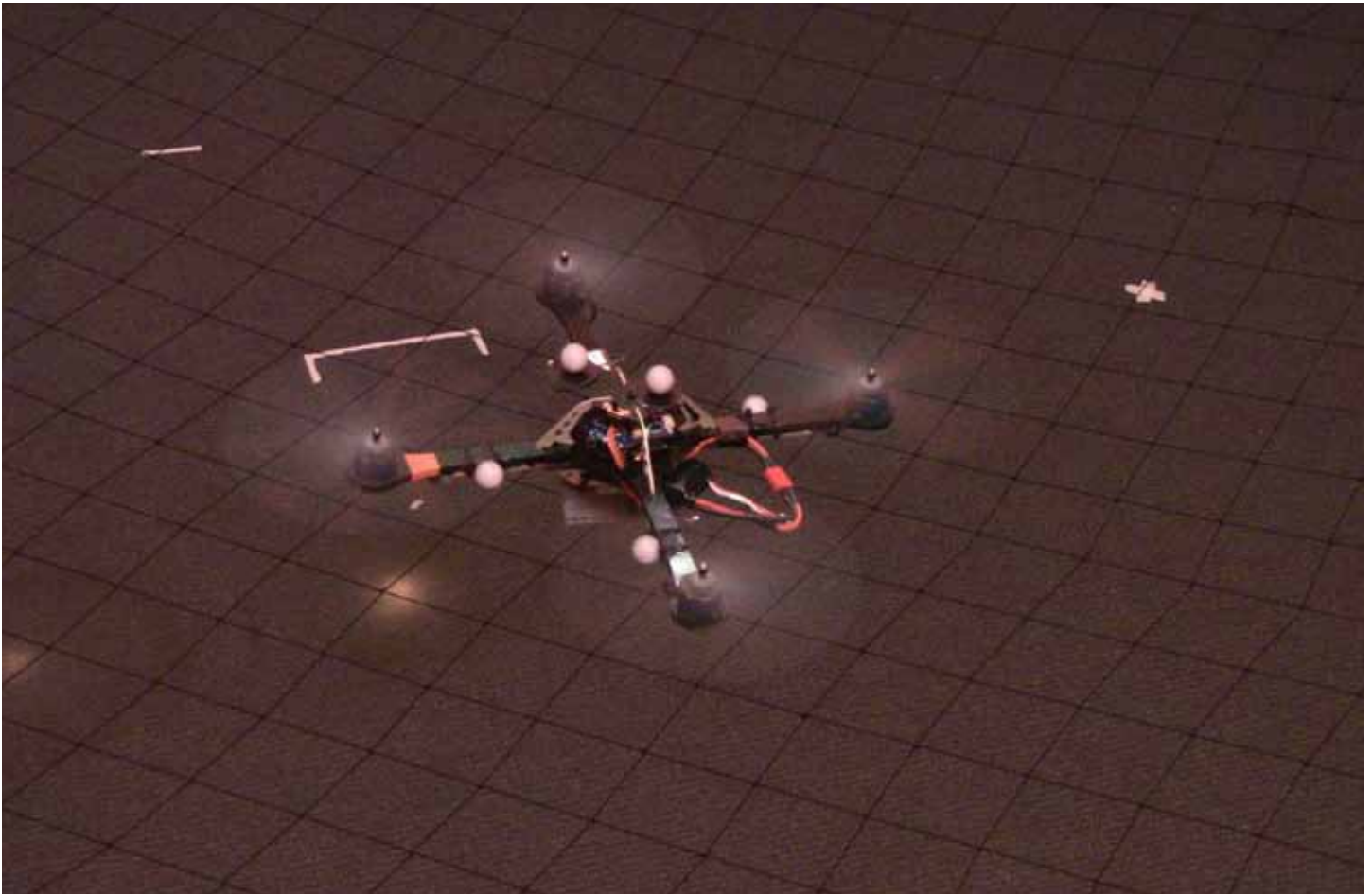


ENGINEERING APPLICATIONS

APPLICATIONS
HARDWARE
ENGINEERING SOFTWARE

FAST, HIGH RESOLUTION REAL-TIME INTERFERENCE-FREE TRACKING TO REDUCE COSTS AND GREATLY INCREASE PRODUCT DEVELOPMENT CAPABILITIES.

Using both video and digital optical tracking techniques, Vicon systems provide highly-accurate virtual prototyping and product tools for Engineering related studies.



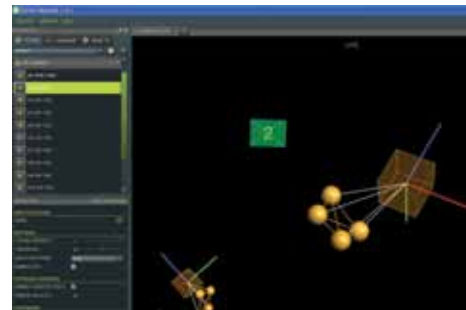
ENGINEERING APPLICATIONS



_T-SERIES



_BONITA



_TRACKER

APPLICATIONS

UAV / ROBOTICS

Vicon is the premier solution for UAV/Robotics because we get what's important - low latency and highly accurate data. With our turnkey approach and easy access to our datastream (via TCP, UDP, etc) users can easily integrate accurate Vicon data into virtually any control system.

IMMERSIVE REALITY / VISUALIZATION

Having a Vicon system not only provides low latency and high accuracy, it is also easy to integrate and implement, saving you thousands of dollars in development costs. Our low latency allows for better response time for the virtual environment and our accuracy makes the user suspend judgment and accept the virtual environment as real. Our systems have been used in a variety of Immersive Reality/Visualization applications from simulation and training for defense, security, medicine architecture and construction industries, to digital prototyping and more.

METROLOGY

We understand that Metrology is measurement and the key to proper measurement is accuracy. We've got you covered with the supreme accuracy of the Vicon motion capture camera line from the powerful T160 right down to the affordable Bonita. Using rigid body tracking algorithms allows for error reduction down to the micrometer.

SERIOUS GAMES

With years of industry experience, Vicon provides the highest quality animation for the most plausible in-game experience. Lifelike animation in your games will enhance users sense of immersion and the efficacy of the training. However large or small your project, Vicon has a hardware solution for you, provided with Vicon Blade; Mocap software built for animation production to allow you to get the cleanest data, in the shortest amount of time.

HARDWARE

BONITA

Building on more than 25 years of innovation, Bonita is the new generation optical capture camera. Our smallest camera reliably streams the precise motion of people, animals and machines.

T-SERIES

Ranging from 1 megapixel all the way up to 16 megapixels, 2D on-board tracking, stream video through system wide Gigabit Ethernet and removable lens control, the T-Series is like no other. It's the attention to detail that gives T-Series its technical edge. Many years or precision engineering have gone into the T-Series. From pixel to processor, sensor to strobe, everything is engineered to work beautifully both indoors and outdoors.

ENGINEERING SOFTWARE

TRACKER

Vicon Tracker is a powerful object tracking solution providing unrivaled data accuracy for integration in to 3D applications such as VirTools, Labview, Jack, Open Scene Graph, WorldViz, Panda3D and VR Juggler. Tracker has been designed for applications as diverse as: robot tracking, ingress/egress, human factors engineering, design method optimization, virtual engineering and previsualization.

NEXUS

No other software package makes it so easy for users to perform daily routine tasks while at the same time offering complete customization and flexibility to suit any situation. We've made Vicon Nexus even easier and more intelligent so you can focus more on your research and less on your software. Nexus 1.6.1 includes new features and workflow improvements designed to enhance your software's functionality.

BLADE

Vicon Blade includes all the crucial elements needed for motion capture, simplifying everything from system configuration to actor setup and delivering mocap data of the highest accuracy. Vicon Blade is mocap software built for animation production to allow you to get the cleanest data, in the shortest amount of time. This confidently ensures what you capture is what you deliver.

COMMUNICATE

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