

**NICON**

# Blade 3

Powered by Axiom

Connect.Perform.Create.

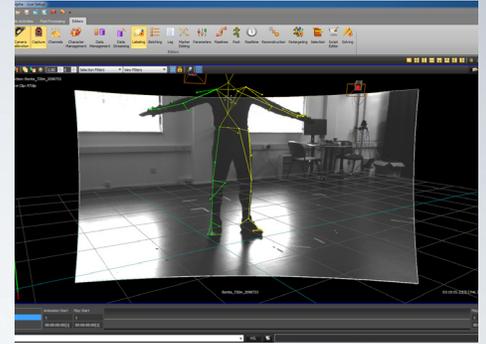
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Connect. Perform.  
Create.



Vicon Blade



Blade 3 is now compatible with Bonita Video reference cameras

Designed for a future where motion capture and live action shooting become indistinguishable, Blade 3 Powered by Axiom is engineered to capture performances effortlessly and deliver robust, reliable data that enables creativity.

## CONNECT

Blade is all about the studio. An easy to use interface, improved workflows and intelligent calibration makes the entire system easy to operate, accurate, fast and flexible at shoot time. Multiple ROMs (range of motion sequences) can be captured simultaneously and character setup is intuitive, with options to run separate skeletons for labeling and solving.

Blade 3 is now fully compatible with Vicon's Bonita Video reference cameras. Calibrate Bonita Video into your volume at the same time as your optical cameras and overlay your calibrated Bonita Video data onto your CG environment for easier character setup and real time solve quality assessment.

## PERFORM

Axiom, Blade's live engine, faithfully reproduces performances with fast, clean,

real-time visualization. It is capable of coping effortlessly with multiple characters, complex situations and difficult conditions. Significant occlusion and complex motions are taken in Axiom's stride with no loss of fidelity or subtlety of motion.

Without any additional hardware investment, accurate and robust real-time labeling increases the usable size of your volume, giving you space to be creative. Axiom allows you to focus on the performance, not the technology. It won't break your shooting momentum with failed or aesthetically unacceptable visualization. Just pure performance.

## CREATE

With the best real time on the market, there's no limit to what you can achieve. A fast turnaround time, high quality data and instant feedback on your performance, make Blade perfect for previsualization and virtual production.

With Blade 3, you can access the Axiom engine offline as well as in real time, in a fully interactive post processing pipeline. What you see on shoot day, is the same flawless data you work with offline.

## QUICKPOST

Blade's hugely popular QuickPost has also had an upgrade for Blade 3. Designed for offline access to Axiom's real time

algorithms, your post processing workflow can now be as automated as you want it to be or fully interactive. The Post Editor gives you the option to manually edit your solve at any point in the process and send it back to the Axiom engine for the remainder of your pipeline. Alternatively, you can reconstruct, label, fix occlusions and solve with one click and see the same flawless data that was delivered by Axiom in real time.

## WHAT IS AXIOM?

At the heart of the motion capture system, Axiom provides the flawless real time that has become synonymous with Blade. Now also available offline, it can be used in a fully interactive post-processing pipeline.

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