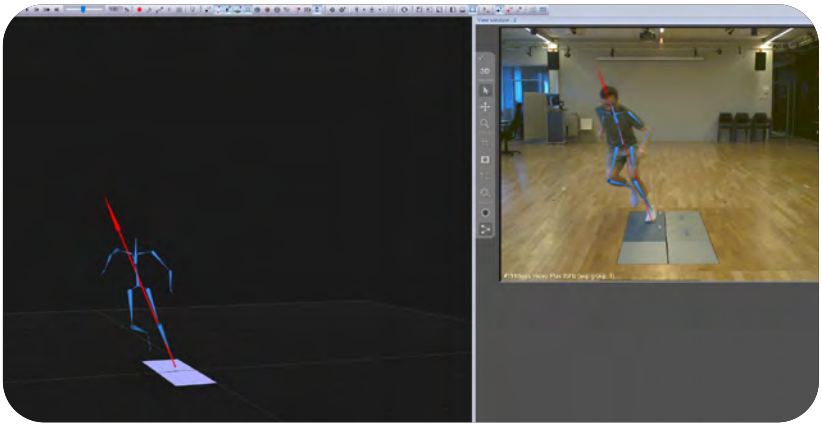
QUALISYS
Motion Capture Systems



Markerless
Inside QTM

Prisma Pose is the Qualisys markerless motion capture engine, built natively into QTM - the same engine that powers OnTraq. Using a calibrated Qualisys video camera system, it identifies skeleton segments from the video capture, in the same session you use for marker-based work.



FEATURES

- **Single-person tracking**
  One participant per capture; the most visible person is tracked
- **Fast post-processing**
  Speed depends on capture duration, frame rate, # of cameras, and GPU
- **Native synchronization**
  Synced with marker, force plate, and EMG data
- **Tested on motions:**
  Such as gait, running, cycling, and functional assessment
- **Open exports**
  Exports MAT, TSV, JSON, and C3D for further analysis
- **Validation**
  White paper and validation study[1] available upon request
- **Hybrid capture capable**
  Capture marker-based + markerless data in the same QTM session

[1] Presented as a conference paper at ISBS 2026

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2026-10-30

Markerless has always meant a second system.

For labs running marker-based workflows, adding markerless has always come with a cost. A separate application with its own file format and calibration. A different vendor and second support contract to manage. With Prisma Pose in QTM, you get:

Same calibration

Uses the existing Qualisys video camera calibration. No extra steps required.

Same data file

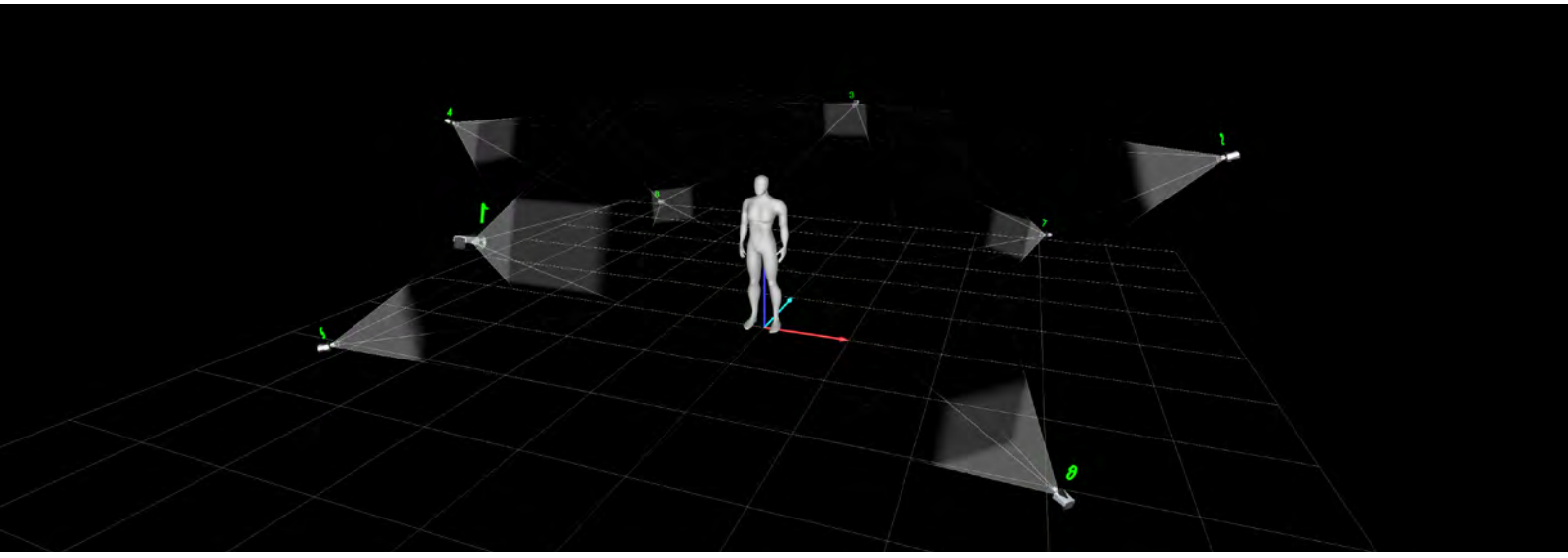
Markerless data lives in the QTM file with marker data, force plate data and EMG.

Same modules

Compatible with Calqulus, Visual3D modules, Open PAF, and web reports.

Same support

Covered under the existing Qualisys support plan. One vendor relationship.



SETUP AT A GLANCE

Cameras	8 Miqus Video+ or Miqus Video minimum, evenly spaced for a 360 degree view of the participant
Camera height	~ 0.5 m to 2.5 m (1.5 ft and 8 ft), alternating high and low positions around the volume
Computer	Desktop RTX 4090, Desktop RTX 5080, Desktop RTX 5090, Laptop RTX 5080 or Laptop RTX 5090
Processing time	8 cameras at 100 Hz for a 10 second clip processes in about 17 sec on a desktop RTX 5090. Single GPU
Licensing	Add-on license to an existing QTM installation

For detailed specifications and recommendations, refer to the Prisma Pose Manual - available upon request.

See it run. Book a demo.

Contact your account manager to schedule a remote demo, or get a quote.

Scan or click the QR code to learn more.