

WHAT YOU GET WITH ONTRAQ

A Complete Motion Capture Solution

OnTraq delivers research-grade biomechanical analysis without the complexity of traditional lab systems. Your subscription includes everything needed to capture, process, and analyze human movement for consistent baseline testing.



System Hardware

8 MIQUS HIGH SPEED VIDEO CAMERAS

Fully synchronized multi-camera system, precision-engineered for 3D use in sports environments

DEDICATED COMPUTER

Optimized to handle all processing locally for instant real-time 3D reconstruction

COMPLETE MOUNTING SYSTEM

Professional-grade mounting hardware for standard rails or truss systems

PROFESSIONAL CALIBRATION KIT

Easy-to-use tools to support daily calibration for repeatable, research-grade data capture

FULL CABLING INFRASTRUCTURE

All required cabling and connection, ready for immediate use

ON-SITE SETUP & INSTALLATION

Custom-configured and installed at your facility by an experienced technician



Software Features

INTUITIVE USER INTERFACE

No technical background needed to run the system; just follow the prompts

MOBILE REMOTE CONTROL

Manage athletes, control captures, review sessions, and upload data from any mobile device

SMART CAPTURE

Patent-pending technology that automatically detects and labels movements¹

MARKERLESS PROCESSING ENGINE

Calculations of advanced biomechanical parameters processed instantly for reporting and trend analysis

INSTANT IMAGE PROCESSING

Tracking and 3D visualization for real-time feedback

SECURE CLOUD STORAGE

Unlimited cloud report access², compliant with major security frameworks (ISO 27001, HIPAA, GDPR)

DATA EXPORT

Manual .JSON export; automated AWS data export

REPORTING PLATFORM & TREND ANALYSIS

Clear trend dashboards to visualize movement data over time; full reports for in-depth analysis

FORCE INTEGRATION

Available with select force plate manufacturers

¹ Contact us for a full list of movements supported by Smart Capture

² Fair usage policy applies



Service & Support

Your subscription includes onboarding training, hardware coverage, and continuous technical support.

SUBSCRIPTION BENEFITS	Bronze	Silver	Gold
	Contact for quote	Contact for quote	Contact for quote
Complete system hardware	✓	✓	✓
On-site installation & training	✓	✓	✓
Instant image processing	✓	✓	✓
Smart Capture	✓	✓	✓
Mobile remote control	✓	✓	✓
Calculus processing engine	✓	✓	✓
Reporting platform & trend analysis	✓	✓	✓
Secure cloud storage	✓	✓	✓
Hardware coverage & support	✓	✓	✓
Personalized trend dashboard		✓	✓
Force Integration		✓	✓
Dedicated customer success			✓
Priority replacements ³ & upgrades			✓
Supported movements	Core functional movements	Extended movement library	Full movement library + sport-specific
Data export	Manual export (JSON format)	Automated cloud storage sync	API integration with athlete management systems

³ Standard hardware replacements are shipped within 5 business days; Priority replacements within 2 business days.