



Kineologist



Kineologist:GAIT

KINEOLOGIST|GAIT

Walking analysis from motion files to event-locked evidence.

GAIT makes walking analysis easy to run while keeping the backend precise. Load baseline and subject motion files, choose pipeline options, run the pipeline, then review the generated outputs. The GAIT pack detects initial contact and toe-off events, creates fixed-step windows, supports same-foot baseline comparison, and exports walking telemetry, contact-state channels, reports, plots and debug files. Reviewers can inspect rhythm, cadence, symmetry, foot clearance, trunk behaviour and baseline deltas without manually rebuilding the movement timeline.

Sales conversation points

01 IC / TO event logic

Walking is analysed around initial contact and toe-off events rather than generic frames.

02 Same-foot baselines

Baseline and subject can be aligned to comparable foot-contact windows.

03 Contact-state telemetry

Contact pulses, state channels and cycle data make walking structure visible.

04 3D walking review

Subject and baseline motion can be inspected beside curves and event markers.

05 Reports for review

Coach, Muscle and Master reports give different levels of detail from the same run.

06 Repeatable artifacts

Run-out folders preserve reports, plots, CSVs, telemetry and debug evidence.

SAFE POSITIONING

GAIT supports movement review and comparison. It is not a clinical diagnosis system and requires validation for clinical or high-stakes deployment contexts.