



www.teaergo.com

The CAPTIV system is a world reference research tool in HMI, HCI, R&D, Human Factors and more, both in the lab and in the real world, for demanding professionals in academia and industry.

CAPTIV is a very flexible, scalable and modular measurement and analysis toolbox, starting with a user-friendly software for video-based task analysis, up to a comprehensive multimodal measurement platform.

Our multiple small, unobtrusive and wireless physiological sensors (e.g. EMG, ECG, force, temperature) and Motion (IMU) sensors can be operated in any combination and in perfect synchronization with videos.

Our wireless T-Rec receiver enables data recording to PC in real-time, and our portable wireless T-Log datalogger allows measuring anywhere in the field with total freedom of mobility (no clunky backpack, no PC following operators).

Our CAPTIV software offers powerful playback and analysis features on actions, postures, gestures, efforts, force and other data, with fully customizable thresholds. 3D display in both real-time and playback enable experts to understand accurately operator's activity and interactions with their environment, with customizable colored visualizations for highlighting key situations.

All data together with synthetic reports with graphs, statistics and more, are available in a click for export in a variety of formats.

Last, CAPTIV is natively interfaced with third-party hardware such as head-mounted eye-trackers and other measurement devices, and all our sensors data can be streamed in real-time to customers' own applications in VR or else.