If analyzing human behavior is essential to your research then Ergoneers has the perfect solution: D-LAB. A number of freely configurable modules plug into the robust D-LAB framework. This gives you greatest possible flexibility as all modules are designed to work perfectly together. All incoming data channels are recorded fully in sync to give a holistic view to a person’s behavior. D-LAB provides you with efficient and reliable support through all phases of your ergonomic and usability studies. It helps to plan your studies, record data from various channels and generate the final results via automated analysis. With D-LAB, you can generate high-level, valid, verifiable and reproducible results which are compliant with international standards. As all modules are completely scalable and flexible you can combine your measurement hardware to best suit your needs and create a unique and personalized D-LAB environment.
D-LAB MEETS EVERY REQUIREMENT
It doesn’t matter if you want to perform an eye tracking study with a head mounted or remote eye tracker to calculate heatmaps, understand what’s going on in a car while testing a new HMI or analyze behavior just by observing people with video cameras. D-LAB supports you in these and many other research tasks. But D-LAB doesn’t stop there! Combine some or all D-LAB modules and find dependencies between the different channels by using our scripting language. Stream out recorded data in real time or export raw and processed data to third party applications. With D-LAB you will be much faster to get your results regardless how complicated your research question might be.

PLAN – MEASURE – ANALYZE
D-LAB allows you to create highly personalized experimental designs as well as tracking how your project is progressing. During the planning phase, D-LAB supports all your activities – from selection of test subjects to defining tasks or configuring recording sensors. During the measurement process, you can monitor all channels in real time to detect and mark observations immediately.

With our D-LAB analysis function, you can synchronously play back single measurement data, as well as precisely analyze gaze behavior, actions, verbal comments, physiological reactions, motions and gestures. You’ll also benefit from the wide range of statistical functions in D-LAB, along with the possibility to generate convincing statistics, visualizations and demo videos.

The data acquisition platform D-LAB provides a crystal clear overview of each experiment across all subjects with valuable and comprehensive results.

SENSORCONNECT APP
The Ergoneers app SensorConnect is available on the Google Playstore. It can capture behavioral data from compatible devices and sensors and transmits several data from the Android smartphone such as the GPS position, acceleration or step counter to D-LAB. SC requires D-LAB to analyze the recorded data.
INNOVATIVE TOOLS FOR BEHAVIORAL RESEARCH

SOFTWARE >> D-LAB, SILAB

HARDWARE >> DIKABLIS, VEHICLE TESTING KIT, IR MARKER, THIRD-PARTY-PRODUCTS