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Interaction research

Video Lab

Eye-tracking

Therapy evaluation

Software

Child development

Video rating software

Observation

Usability

Sports science

Educational research

Behavioral studies

Behavioral measurement

Simulation

Physiological measurement

Rater reliability

Discover more

Neuroscience

Scientific results

Rater training

Medical simulation

Design, Record, Observe, Analyze
Solutions for Your Research

Software/Hardware/Audio and Video Technology/Service

inter**act**®

Use INTERACT®
for Your Video Based
Observational Research Projects

Save Time and Valuable Resources

INTERACT® allows you to comprehensively, **efficiently and effectively evaluate your video and audio recordings.**

Define **your own rating and coding systems,** and apply them to your research subjects.

Decades-proven and well-engineered functions make it easier for you to collect data quickly and easily.
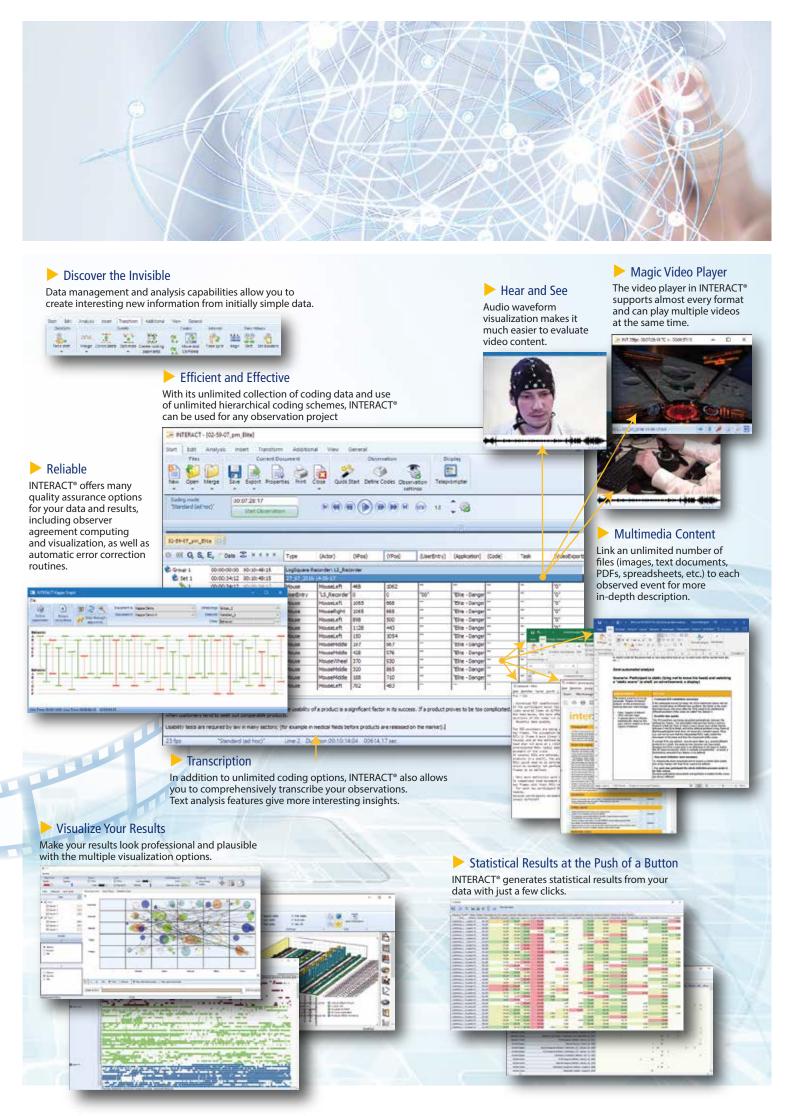
Discover the Invisible

Take advantage of the **sophisticated data restructuring capabilities** of INTERACT® to create complex data sets from simple observations.

Let INTERACT® **automatically** create new data combinations that serve as the basis for new evaluations.

Plumb the depths of your data and use INTERACT® to **discover the invisible** - relationships that remain undetected by pure observation because they are too complex for human cognition.

Trust in more than 28 years of experience using INTERACT® in thousands of studies worldwide

▶ Discover the Invisible

Data management and analysis capabilities allow you to create interesting new information from initially simple data.

▶ Efficient and Effective

With its unlimited collection of coding data and use of unlimited hierarchical coding schemes, INTERACT® can be used for any observation project

▶ Reliable

INTERACT® offers many quality assurance options for your data and results, including observer agreement computing and visualization, as well as automatic error correction routines.

▶ Hear and See

Audio waveform visualization makes it much easier to evaluate video content.

▶ Magic Video Player

The video player in INTERACT® supports almost every format and can play multiple videos at the same time.

▶ Multimedia Content

Link an unlimited number of files (images, text documents, PDFs, spreadsheets, etc.) to each observed event for more in-depth description.

▶ Transcription

In addition to unlimited coding options, INTERACT® also allows you to comprehensively transcribe your observations. Text analysis features give more interesting insights.

▶ Visualize Your Results

Make your results look professional and plausible with the multiple visualization options.

▶ Statistical Results at the Push of a Button

INTERACT® generates statistical results from your data with just a few clicks.

interact®

	Light	Basic	Professional	Premium
Short Training Time				
All core functions can be accessed in two to three clicks.	✓	✓	✓	✓
A wizard guides beginners through the process quickly.	✓	✓	✓	✓
The user interface language can be changed easily.	✓	✓	✓	✓
Extensive documentation in various languages and formats.	✓	✓	✓	✓
Various examples for practicing/getting started.	✓	✓	✓	✓
Fast and Easy Data Acquisition				
Time information for all data is stored with an accuracy of 0.0000001 seconds.	✓	✓	✓	✓
Collect and evaluate data in long-term studies over the 24-hour time limit, including full date values.	✓	✓	✓	✓
Rate/code audio and video files at selectable playback speed.	✓	✓	✓	✓
Number of audio/video files that can be played simultaneously:		Unlimited *		
Stop and resume the coding session at any time.	✓	✓	✓	✓
Event sampling method (i.e., something happens at a certain point in time or during a time interval) included.	✓	✓	✓	✓
Time sampling method (i.e., what happens during pre-defined time intervals?) included.	✓	✓	✓	✓
Mix event sampling and time sampling during a study.	✓	✓	✓	✓
Collect events with and without duration.	✓	✓	✓	✓
Collect events by keystroke and mouse click.	✓	✓	✓	✓
Automatically add multiple predefined values to newly collected events.	✓	✓	✓	✓
Collect different events simultaneously.	✓	✓	✓	✓
Number of codes/transcripts that can be assigned to a video:		Unlimited *		
Collect data in form of freely selectable codes/ratings and transcripts.	✓	✓	✓	✓
Pause, fast-forward and rewind videos, even during data collection.	✓	✓	✓	✓
Link additional multimedia content as files (text documents, videos, images, etc.) to events.	✓	✓	✓	✓
Individual Coding Systems				
Individual ratings/codes organized in easy-to-use coding schemes.	✓	✓	✓	✓
Number of definable coding systems:		Unlimited *		
Scope and complexity of individual coding systems (code length/hierarchy levels):		Unlimited *		
Easily exchange coding systems with other INTERACT® users.	✓	✓	✓	✓
Data Management				
Reorganize collected data to answer new questions and work on new hypotheses.	✓	✓	✓	✓
Easily exchange data with other users for joint project work.	✓	✓	✓	✓
Automatic backup function to protect against data loss.	✓	✓	✓	✓
Define any number of independent variables/sociodemographic data.	✓	✓	✓	✓
Easily search for and replace operations.	✓	✓	✓	✓
Correct data or add new content at any time.	✓	✓	✓	✓
Group events into logical, hierarchical units.	✓	✓	✓	✓
Easily merge data from multiple observation sessions.	✓	✓	✓	✓

Package Key Features	Light	Basic	Professional	Premium

Statistics and Analysis

	Light	Basic	Professional	Premium
Recorded data graphically represented as a time diagram.	✓	✓	✓	✓
Descriptive statistics (frequency, duration, percentages, mean, variance, etc.).		✓	✓	✓
Export statistical results with copy-and-paste or as a CSV file.		✓	✓	✓
Professional chart module for attractive graphics.		✓	✓	✓
Select statistical calculations based on any group of data.		✓	✓	✓
Generate reports on classes and their code distribution within a coding system.		✓	✓	✓
Contingency analysis.		✓	✓	✓
Latency analysis.		✓	✓	✓
Visualize and analyze dyads as state space grids.		✓	✓	✓
Analyze observer agreement according to Cohens Kappa and ICC.		✓	✓	✓
Visualize observer agreement/disagreement.		✓	✓	✓
Analyze and export data clusters.		✓	✓	✓
Sequence analysis to calculate behavioral transition probabilities.			✓	✓

Plug-ins for Unlimited Functionality

	Light	Basic	Professional	Premium
User-created INTERACT® extensions can add necessary features that are not yet available (data transformation, importing, exporting, complex evaluations, etc.).		✓	✓	✓

Video Editing

	Light	Basic	Professional	Premium
The "Highlight Movie" feature automatically edits videos based on collected data (for presentations, training or feedback sessions).			✓	✓

Integration of Sensor Data/Physiology

	Light	Basic	Professional	Premium
The DataView module visualizes externally recorded data in sync with your video recordings (e.g., physiological measurement data, data from driving or flight simulation systems, etc.). DataView allows manually collected and rated behavioral data to be integrated with automatically collected numerical measurement data through data exchange with INTERACT®.				✓

Pattern Analysis

	Light	Basic	Professional	Premium
The p.a.t.t.e.r.n add-on module has algorithms to detect hidden patterns in your coding.				✓

* Limited by the performance of your computer and the operating system used

Mangold
Your Partner for Research

Benefit from Over 28 Years of Experience

Thousands of satisfied users in over 45 countries from a wide range of research areas rely on solutions from Mangold International.

Competence, reliability and our award-winning customer service make Mangold International the first choice for installing your custom research lab.

We Support You Right from the Start

"The INTERACT® software is flexible, user friendly and rich in its capabilities. But, more importantly, the support staff at Mangold is unparalleled."

Dr. Catherine Tamis-LeMonda, New York University in the United States

"The MangoldVision eye tracking system is portable and easy to use. The software suite is friendly and offers powerful tools to capture and analyze data."

Dr. Paulo Correia, University of Sao Paolo in Brazil

"The INTERACT® coding software from Mangold proved to be extremely useful and efficient for detailed videotape analysis of indivi - dual differences in the great apes."

Dr. Jana Uher, Free University of Berlin in Germany

"We have put the lab equipment to use. We are really fascinated."

Gwatirera Javangwe, University of Zimbabwe

"The use of INTERACT® was found to be effective and time-saving, and appears to offer a significant advantage to the analyst and hence the efficiency of the research process."

Dr. Zafer Bilda, consultant and research scientist in Australia

"To our psychology/neuroscience laboratory with various research interests, INTERACT® is the best choice for us to solve the problem of multi-channel synchronization and explore the complicated relationships between psychological and physiological responses in topics of research such as user experience (UX), applied cognition, and sports science."

Prof. Hung-Wei Lee, Hsuan Chuang University in Taiwan

Discover more...

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