

interact[®]



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

Use the INTERACT Software for your Video Based Observational Research Projects

Save time and valuable resources

INTERACT enables comprehensive, **efficient and effective evaluation of 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 INTERACT's **sophisticated data restructuring capabilities** to create complex data sets from simple observations.

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

Step into 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.





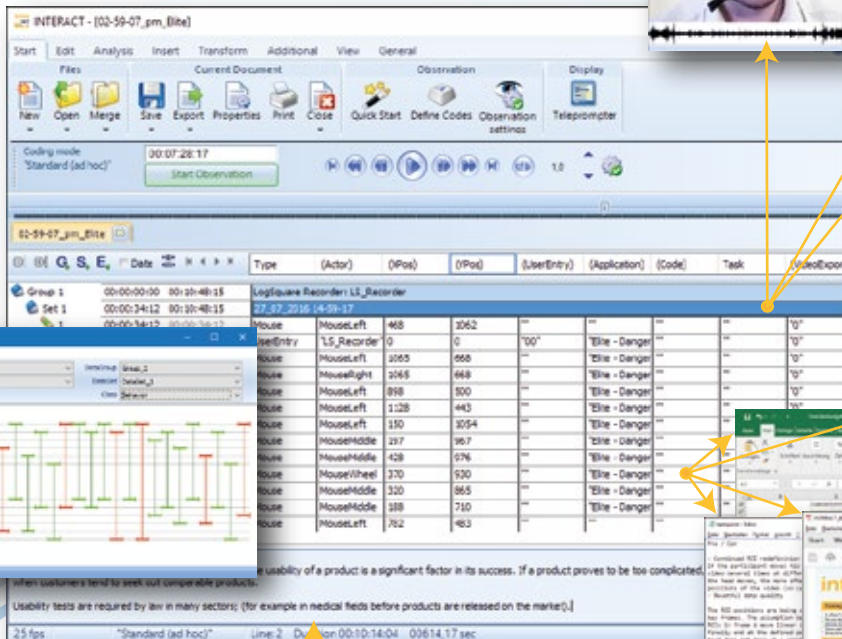
► **Discover the Invisible**

Data management and analysis capabilities allow the creation of interesting new information from initially simple data.



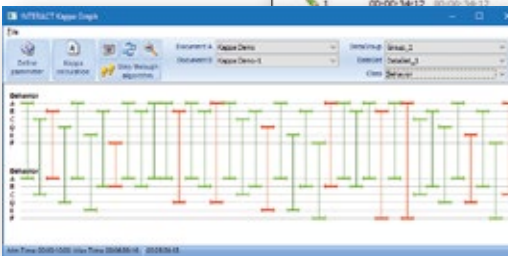
► **Efficient and Effective**

INTERACT can be used for any observation project. Because it allows the unlimited collection of coding data and the use of unlimited hierarchical coding schemes.



► **Reliable**

INTERACT offers many possibilities for quality assurance of your data and results. In particular, the calculation and visualization of observer agreement as well as automatic error correction routines.



► **Transcription**

In addition to the unlimited coding options, INTERACT also allows the comprehensive transcription of your observations. Text analysis features give more interesting insights.

When customers intend to seek out comparable products, the usability of a product is a significant factor in its success. If a product proves to be too complicated, usability tests are required by law in many sectors; (for example in medical fields before products are released on the market.)

► **Hear and See**

The visualization of the audio track can greatly facilitate the evaluation of video contents.

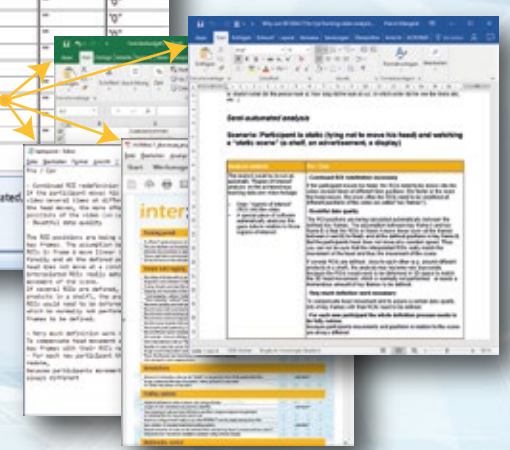


► **Magic Video Player**

The video player in INTERACT understands almost every format and can play several videos at the same time.

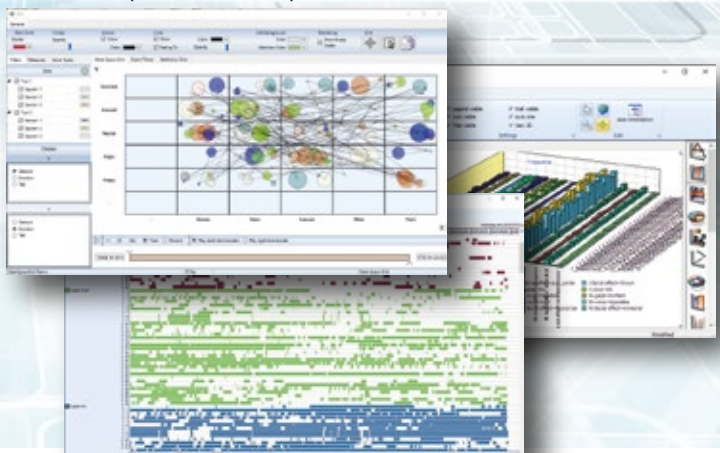
► **Multimedia Contents**

Link an unlimited number of files (images, text documents, PDFs, spreadsheets ...) with each observed event for further description.



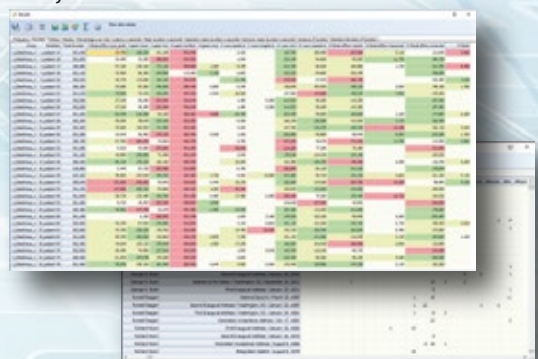
► **Visualize your Results**

Present your results professionally and plausible with the multiple visualization options.



► **Statistical Results at the Touch of a Button**

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



	Light	Basic	Professional	Premium
Short Training Time				
All central functions can be reached with two to three mouse clicks.	✓	✓	✓	✓
A "wizard" leads beginners quickly to the result.	✓	✓	✓	✓
The user interface can be easily switched to different languages.	✓	✓	✓	✓
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 0.000 000 1 seconds.	✓	✓	✓	✓
Collect and evaluate data in long-term studies over the 24 hour time limit including full date values.	✓	✓	✓	✓
Rating / coding of 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.	✓	✓	✓	✓
Using the Event Sampling Method (i.e.: Something happens at a certain point in time or during a time interval).	✓	✓	✓	✓
Using the Time Sampling Method (i.e.: What happens during pre-defined time intervals?).	✓	✓	✓	✓
Mixing of 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.	✓	✓	✓	✓
Amount 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.	✓	✓	✓	✓
Linking additional multimedia content as files (text documents, videos, pictures, ...) to events.	✓	✓	✓	✓
Individual Coding Systems				
Organization of individual ratings / codes in easy to use coding schemes.	✓	✓	✓	✓
Number of definable coding systems		unlimited *		
Scope and complexity of individual coding systems (code length / hierarchy levels)		unlimited *		
Easy exchange of coding systems with other INTERACT users.	✓	✓	✓	✓
Data Management				
Reorganization of collected data to answer new questions and to work on new hypotheses.	✓	✓	✓	✓
Easy data exchange with other users for joint project work.	✓	✓	✓	✓
Automatic backup functionality to protect against data loss.	✓	✓	✓	✓
Definition of any number of independent variables / socio-demographic data.	✓	✓	✓	✓
Easy search and replace operations.	✓	✓	✓	✓
All data can be corrected and extended with new content at any time.	✓	✓	✓	✓
Hierarchical grouping of events into logical units.	✓	✓	✓	✓
Easily merge data from multiple observation sessions.	✓	✓	✓	✓



	Package Key Features			
	Light	Basic	Professional	Premium
Statistics & Analysis				
Graphical representation of recorded data as a time diagram.	✓	✓	✓	✓
Descriptive statistics (frequency, duration, percentages, mean, variance, etc.).		✓	✓	✓
Export of statistical results with copy & paste or as CSV file.		✓	✓	✓
Professional chart module for attractive graphics.		✓	✓	✓
Selection of statistical calculations based on any group of data.		✓	✓	✓
Report on classes and their code distribution within a coding system.		✓	✓	✓
Contingency analysis.		✓	✓	✓
Latency analysis.		✓	✓	✓
Visual presentation and analysis of dyads as State Space Grid.		✓	✓	✓
Analysis of observer agreement according to Cohens Kappa and ICC.		✓	✓	✓
Visualization of the observer agreements / disagreements.		✓	✓	✓
Data cluster analysis and export.		✓	✓	✓
Sequence analysis to calculate behavior transition probabilities.			✓	✓
Plug-in Technology for Unlimited Functionality				
User-created INTERACT extensions can add required features that are not yet available. (Data transformation, import, export, complex evaluations, etc.)		✓	✓	✓
Video Editing				
The highlight movie feature automatically cuts videos based on the collected data. (for presentations, training or feedback sessions)			✓	✓
Integration of Sensor Data / Physiology				
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, or similar). DataView enables the integration between manually collected and rated behavior data and automatically collected numeric measurement data, through data exchange with INTERACT.				✓
Pattern Analysis				
The p.a.t.t.e.r.n add-on module has algorithms to detect hidden patterns in your codings.				✓

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

Mangold

Partner for Your Research



Benefit from over 25 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 the installation of your custom research lab.

We support you - from the beginning



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

Prof. Ph.D. Catherine Tamis-LeMonda, New York University, US

"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."

Prof. Dr. Paulo Correia, University of Sao Paulo, BR

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

Dr. Jana Uher, Freie Universität Berlin, DE

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

Gwatirera Javangwe, University of Zimbabwe, ZW

"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, AU

"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, TW

Discover More...

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