

interact[®]

The Professional Software
for Observational Research

Relaxed Research -
Significant Results

Get extensive results at your
fingertips with INTERACT

 Mangold

Are You ready for the next Great Discovery?



Professional video analysis is much more than just jotting down observations. When properly applied it enables accelerated answers to complex research questions which could otherwise only be achieved at such great expense.

INTERACT is the comprehensive software solution for qualitative and quantitative data analysis. Evaluate videos, audio, physiology and live observations all in one single software tool.

Get extensive statistical results at your fingertips with INTERACT and find complex patterns in your data. Gain interesting insights on your observations that would have never been discovered without INTERACT.

interact®

The Standard Software for Qualitative and Quantitative Analysis of Multimedia Data



interact[®] Features

	Light	Basic	Professional	Premium
Training period				
A „Wizard“ guides beginners to first results quickly	✓	✓	✓	✓
The user interface can be switched to different languages with a click of a button	✓	✓	✓	✓
Extensive documentation in various languages and formats available	✓	✓	✓	✓
Various application and examples for practice / test available	✓	✓	✓	✓
All key functions of the software can be reached with two to three mouse clicks	✓	✓	✓	✓
Simple data logging				
Recording of all data with an accuracy of 0.000 000 1 sec.	✓	✓	✓	✓
Acquisition and evaluation of data in long-term studies off the 24 time limit	✓	✓	✓	✓
Coding of audio and video files at any playback speed	✓	✓	✓	✓
Stopping and resumption of the encoding session at any time	✓	✓	✓	✓
“Time Sampling” method (“what happens in a pre-defined time interval”)	✓	✓	✓	✓
“Event Sampling” method (“something happens at a specific time or during a time interval”)	✓	✓	✓	✓
Mix event sampling and time sampling during any observation session	✓	✓	✓	✓
Record events with onset (start time) and offset (end time)	✓	✓	✓	✓
Record events while keeping a key pressed down during the observed behavior	✓	✓	✓	✓
Record events while pressing a key for the start and the end time (keeps your fingers free)	✓	✓	✓	✓
Use the mouse instead of the computer’s keys to log events	✓	✓	✓	✓
Use a touch panel system (e.g. a convertible laptop w/o keyboard) to log events	✓	✓	✓	✓
Record different events simultaneously! (For example: Someone talking, while someone else is making some gestures, etc.)		unlimited *		
Enter observational codes as “free text” or assign pre-defined codes to an event	✓	✓	✓	✓
Number of codes that can be “linked” to any point in time of the video(s)		unlimited *		
Assign several independent codes at a time with a single(!) coding command	✓	✓	✓	✓
Pause, fast-forward and rewind your multimedia footage at any time, even during the event logging process	✓	✓	✓	✓
Annotations				
Amount of annotations that can be “linked” to any point in time of the audio/video files		unlimited *		
Assign multimedia files (text documents, videos, pictures) to any event for further description of that event	✓	✓	✓	✓
Coding systems				
Organize behavioral codes in classes and coding schemes	✓	✓	✓	✓
Length of each individual code and class identifier		unlimited *		
Save behavioral code and class definitions and their computer keyboard assignments to individual files for easy access and re-use	✓	✓	✓	✓
Hand out coding schemes easily to any other INTERACT user by simply sharing those files	✓	✓	✓	✓
Easy creation of complex hierarchical coding systems		unlimited *		
Mutual exclusivity of codes can be defined within and among classes („mutual exclusive codes“)	✓	✓	✓	✓
Data protection mechanism available to prevent coding schema changes	✓	✓	✓	✓
Multimedia control				
Number of audio/video files that can be opened simultaneously and played in sync		unlimited *		
Video from digital and analog camcorders can be used	✓	✓	✓	✓

	Light	Basic	Professional	Premium
Document Handling				
Captured events can be reorganized at any time to answer new research questions	✓	✓	✓	✓
Easy data sharing between project members through simple file copy	✓	✓	✓	✓
Automatic backup functionality to prevent data-loss	✓	✓	✓	✓
Attach independent variables to groups of coded data	✓	✓	✓	✓
Automatically inherit independent variables from parent data elements	✓	✓	✓	✓
Search operations to find time codes, behavioral codes or text in annotations and jump directly to the associated video scene	✓	✓	✓	✓
Edit and correct time code values of recorded events at any time	✓	✓	✓	✓
Edit and correct observational codes of recorded events at any time	✓	✓	✓	✓
Edit and correct annotations of recorded events at any time	✓	✓	✓	✓
Hierarchical grouping of events into logical units	✓	✓	✓	✓
Easy data document merging for aggregated data analysis	✓	✓	✓	✓
Statistics & Analysis				
Very powerful and intuitive time-sequenced visualization of coded data	✓	✓	✓	✓
A variety of powerful descriptive statistics (frequencies, duration, percentages, median, variance etc.)		✓	✓	✓
Statistical results can be easily exported through copy & paste or saved into CSV files		✓	✓	✓
Professional chart module for appealing graphics		✓	✓	✓
Selection of statistical calculations based on any group of coded data		✓	✓	✓
Report on classes and their code distribution within a coding system		✓	✓	✓
Report for "Contingency Analysis"		✓	✓	✓
Report for "Latency Analysis"		✓	✓	✓
Powerful „State-Space-Grid“ visualization and analysis module		✓	✓	✓
Calculation of Cohen's Kappa and ICC values (Interclass Correlation Coefficient) for Inter-Rater-Reliability analysis		✓	✓	✓
Automatic data analysis and creation of new events based on "Co-Occurring Codes"		✓	✓	✓
Integrated sequence analysis functionality			✓	✓
Plug-In technology for unlimited functionality and comprehensive evaluations				
INTERACT offers an integrated programming language that allows users to develop their own individual data import/export and analysis routines. Those can be shared among users easily and they are available at the user's fingertip right from the main menu.		✓	✓	✓
Video editing				
Create highlight videos automatically, based on your coding, using the HighlightMovieCreator add-on module. Very useful for feedback, presentation, observer training and teaching.			✓	✓
Sensor data integration				
Display any kind of externally acquired data in sync to your video recordings by using the DataView add-on module. Allows for the integration between qualitative coded data and automatically acquired quantitative measurements from 3rd party devices, such as physiology.				✓
Pattern analysis				
Find hidden patterns in your data by using the p.a.t.t.e.r.n. add-on module				✓

*Limited by the functionality and power of the used computer system and by restrictions of the Windows operating system.

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Discover more....

- Live- and video observation in a single tool
- Intuitive user interface for a quick start
- Smooth data collection process for ease of use
- Variety of data logging and coding options
- Limitless transcription and annotation possibilities
- Powerful data analysis for stunning results
- For professional research and teaching

Stunning Results at your Fingertips

The integrated analysis functions and possibilities of data visualization enable you to convert simple data into stunning results.



Use INTERACT Wherever and Whenever
Professional Observation is Needed.

interact®

The software of successful researchers

INTERACT is the Standard Software for Qualitative and Quantitative Analysis of Multimedia Data.

INTERACT is known for over 25 years for its reliability and professionalism in the collection and analysis of time-based observational data. Renowned scientists in over 40 countries place their trust in INTERACT for their research.

Whether you are a user in research, technology, a professor, or a student - INTERACT will help you to quickly capture your data and to gain professional results.



"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

"I love the new INTERACT version! Being able to include variables such as gender and ethnicity cuts my time spent sorting out different sheets in half if not more. What a great addition!"

Ashley Smith, New York University, Center for Research on Culture - Development and Education

"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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