The Observer XT

Collection & analysis of observational data

Observing human behavior can be done in a variety of ways, ranging from in the lab to in the field. Many research areas require detailed behavioral assessments. Across various fields including social interactions, group processes, human performance, conversations, instructions, simulations, and teamwork, coding behavior accurately is of the utmost importance.

STREAMLINE YOUR RESEARCH

The Observer® XT is the user-friendly software package that helps to collect, analyze, and present observational data. It supports the entire workflow of a research project. With options to score behaviors live, from video, |or even with your smartphone, The Observer XT is the ideal, flexible solution. Easy synchronization with other systems, and ability to integrate other data streams into your experiment puts The Observer XT at the hub of your research studies. Over 20,000 scientists worldwide agree, and use it as a platform for their research!

WHY USE THE OBSERVER XT?

The Observer XT the ideal integration solution. It allows you to playback and code videos, visualize and analyze coded activities and actions, and present and report data in an efficient and effective way. With The Observer XT you can:

- Gain in-depth understanding of your subjects through detailed behavioral coding.
- See the whole picture by integrating external data streams (facial expressions, spatial behavior, eye-tracking data, heart rate, skin conductance, neuronal activity, and more).

- Comprehend the experiment at a glance: visualize events, videos, audio, and physiological signals in sync.
- Analyze the quality and results of the experiment: calculate statistics and assess reliability.

PERFECT COMBINATIONS

The key to synchronization is integration. The Observer XT easily imports data acquired with other compatible software systems. This includes:

- **Viso®**, the audio-visual solution for multi room recording and debriefing
- **FaceReader™**, for automatic analysis of facial expressions
- **Media Recorder**, for single room recordings

Videos and/or data from all of these systems easily imports into The Observer XT; this process provides our users with a unique solution for synchronization, integration, and analysis. Once you have set up a project in The Observer XT, all data and video material are stored in one database and shown in one software application. It gives you complete control over video, and guarantees a frame accurate link between all data streams.

SIMPLIFY COMPLEX BEHAVIORS

Creating a good coding scheme is essential. Data out is only as good as the data entered in! The Observer XT is designed to reduce the amount of work and simplify behavioral coding. You can record subjects, behaviors, and modifiers with a single key stroke, allowing you to keep your eyes on the video while coding at full speed. The time of each code

BEHAVIOR	SUBJECT	TIME
Laughing	Father	47.89
Talking	Father	54.31
Silent	Father	1.05.66
Moving	Son	1.08.87
Laughing	Son	1.15
Talking	Father	1.1
Moving	Father	1.
Cheering	Son	1.40.96
Moving	Father	1.59.68
Talking	Son	2.
	Father	2.18.24
Laughing	Son	2.34.89
Laughing	Father	2.41.19
Talking	Father	2.41.49
Sad	Father	2.51.58
Moving	Son	3.02.08
Laughing	Son	3.03.63
Talking	Father	3.10.18
Laughing	Father	3.12.1

is recorded automatically and errors are minimized by an in-line check.
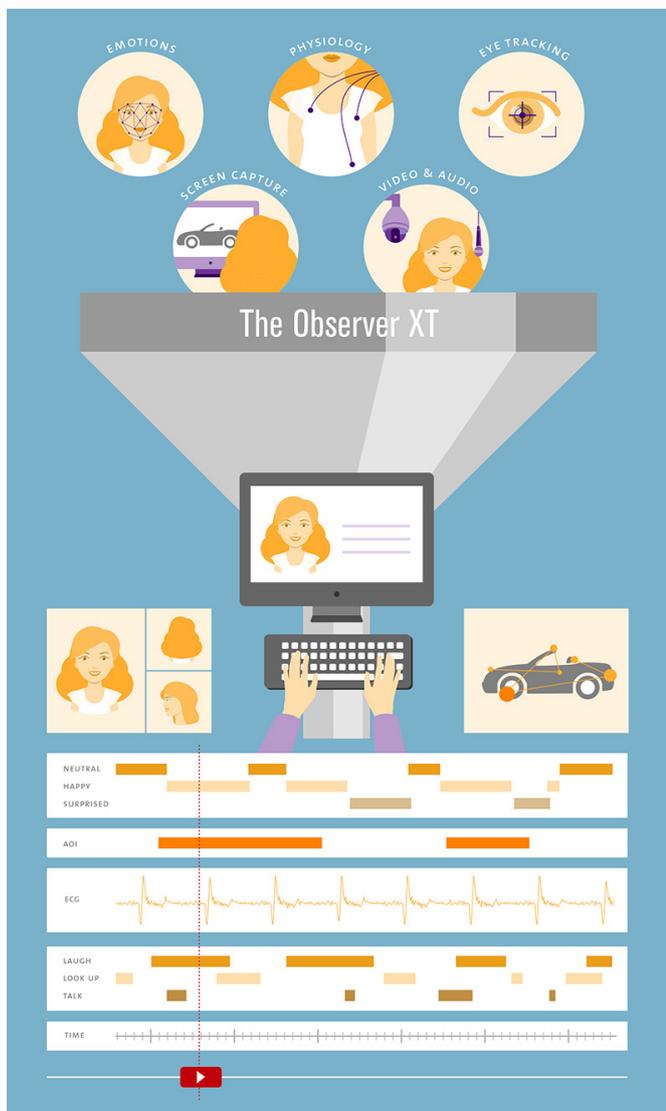
CODING ON THE GO

When your research requires you to code behaviors outside of the lab (at a playground, in a museum, etc.), you will need a more on-the-go solution. At times, the research design does not allow for video capture, or the ideal observation environment is in the field. In these situations, Pocket Observer is ideal - it combines the power of The Observer XT with the portability of a handheld device, such as a tablet or smartphone.

MANAGE YOUR PROJECTS

The Observer XT is designed to help you work efficiently. For example, you can save a project as a template and share the work, and even lock coding schemes so others can contribute to a research project by coding behaviors without compromising the initial work. You can also share coding schemes at the free online exchange. With a floating site license, you no longer need a hardware key and you can use the software from anywhere on your campus, research facility, or even from home.

CONTACT US

Feel free to contact us for more information and a software demo. Also ask about The Observer XT's software development kit, Noldus coding services, remote and on-site training courses, mobile and stationary labs, and integrated solutions including facial expression analysis software, eye trackers, and physiological measurement systems. We are happy to assist you in creating the perfect system for your research.

FREE 30-DAY TRIAL

The Observer XT trial version offers you the opportunity to evaluate the software at your convenience. See for yourself how this software can work for you! It is the easiest way of getting to know The Observer XT's new functionalities. The trial is now available online: www.noldus.com/observer

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We are also represented by a worldwide network of distributors and regional offices. Visit our website for contact information.

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