

EthoVision

Automated behavior tracking for rodents

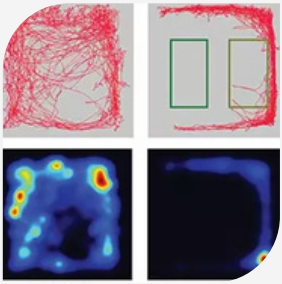
From simple tests to complex setups, EthoVision is the one system that scales with your goals.

NOLDUS

www.noldus.com

Enhance your research

EthoVision is at the core of your lab. Explore the various benefits that are gained with this solution.



Obtain rich data

Consistently high-quality data with minimal errors is essential for obtaining useful insights. EthoVision gives you quality data through:

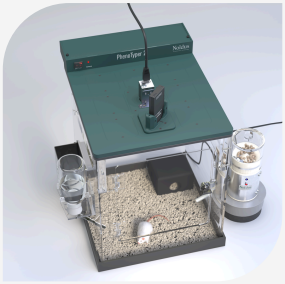
- Rich feature collection of movement and position
- Accurate data with minimal noise

Track in any arena or maze

Whether you are using an open field, water maze or Barnes maze, EthoVision has been validated for every commonly used setup and works with all rodents.

- One software package for all tests
- Easy to use templates to get started





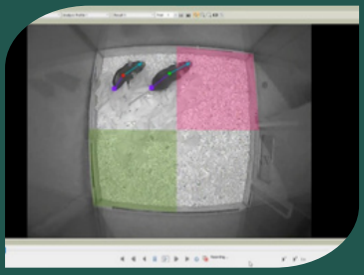
Integrate and automate tests

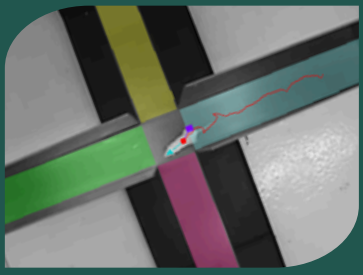
Program your whole behavioral research pipeline with both trial and hardware control. Works seamlessly with 1st and 3rd party equipment.

- Save time and reduce animal-handler interactions
- Standardize your tests across your entire experiment

EthoVision Applications

Ethovision has been used for a variety of research applications. Here are some examples.



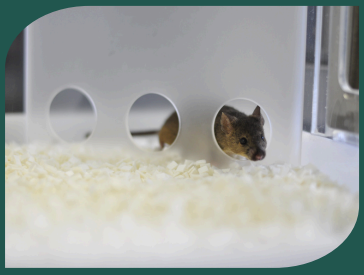


Social interaction

- No color or invasive markers
- Comply with modern ethics
- Results in seconds after recording

Fear & Anxiety

- Fit for open field or mazes
- Integrated fear conditioning
- Standardized & reproducible setup



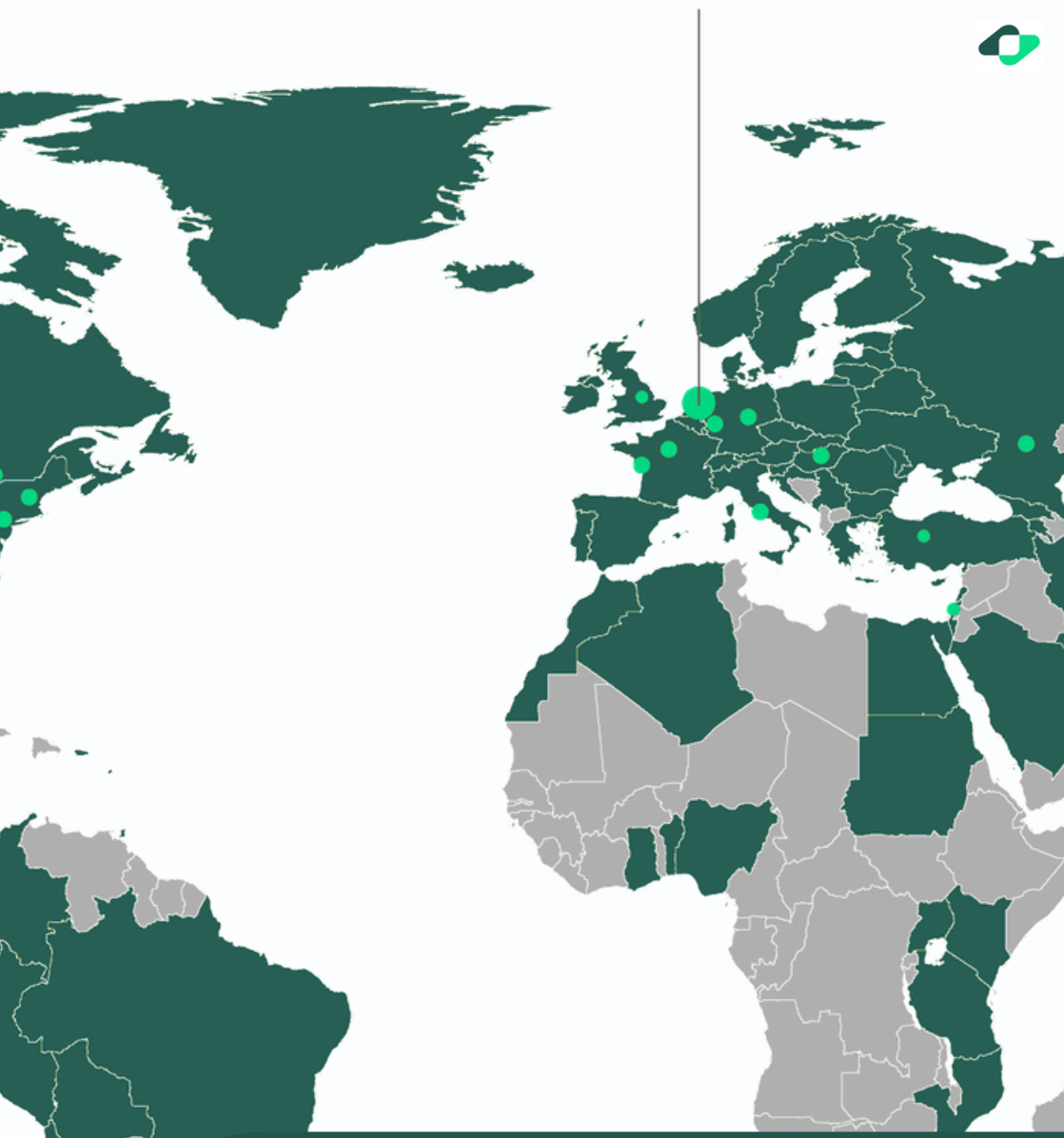


Cognition & Learning

- Set up learning protocols
- Flexible for various tests
- Automated operant conditioning

Long term observation

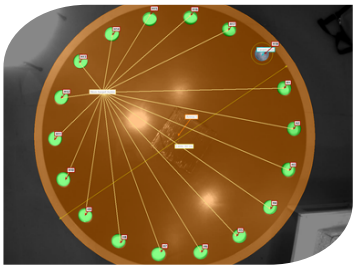
- Non-invasive multi-day tests
- Translationally valuable data
- Uncover subtle behavioral changes



Validated, trustworthy and reliable

When you are using EthoVision you are not just using a simple tracker, you are using the most used and published animal tracking software.

A validated and trusted system makes it easier to publish and gives your research credibility.



The EthoVision Workflow

Having an easy-to-use software package is essential for a smooth pipeline. Luckily, many aspects of EthoVision make it user friendly but complex for those who need it.

Data in 5 easy steps

1) Set up your research pipeline
You can start with a premade template or with your own setup.

2) Align your detection settings
A good environment combined with the right detection settings are critical for getting the most out of your tests.

3) Acquisition, ready while you wait
With EthoVision you can choose live acquisition or batch acquire from recorded video data in a fraction of the time.

"The tracking software is extraordinary! You make our lives easy and each new version of EthoVision is testimony to the fact that the company is frankly put; the best at its game in the world!" – De Wet Wolmarans

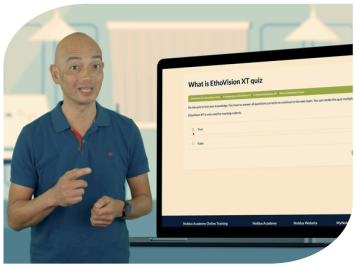
4) Publish ready visual results
Easily create and export a variety of graphs, heatmaps and track visualizations ready to be incorporated into your publication.

5) Always acces to your data
EthoVision is not a black box. This means you can always see and control every aspect of your experiment.

Get started with Noldus Academy

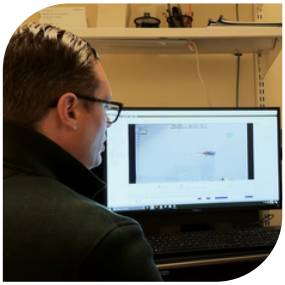
Feel assured everyone on your team knows how to use EthoVision. Noldus Academy is our online learning platform, packed with resources that allows you to get the best start for your research.

- Onboarding training for new and existing staff
- Frequent online Q&A sessions with our trainers
- Make your team more efficient and save time and money.



Keep exploring EthoVision

Read and watch more about how EthoVision or seeing how it works in action?



EthoVision in a Core lab

Check out how Dr. Mu Yang from the Columbia University uses EthoVision in her day-to-day activities.

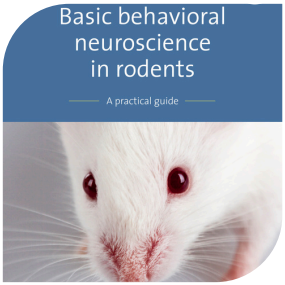
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EthoVision tips and tricks

A good preparation is worth a lot. Learn some essential tips on how to use EthoVision in this webinar.

View ->



E-book neuroscience

Do you need a refresher on the basics of housing, handling and setup of commonly used tests? Check our E-book!

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