
# LOOK TO ACTION

SMART INTERACTIONS FOR REAL INNOVATION

# PRODUCT

## COMPUTER AIDED VISUALIZATION SYSTEM

CAVS is an enabling technology that allows eye control and interaction through your gaze.
The technology was conceptualised and engineered as a transparent layer that is interposed between the user interface of an existing software and its logic.

**ALL THIS IS POSSIBLE USING AN EYE TRACKING DEVICE AND**

# CAVS SDK

CAVS®

**EYE TRACKER**

# CHALLENGES

**WORKING ENVIRONMENT**

**ENFORCEMENT PROCESSES**

**PROFESSIONAL PERFORMANCE**

## INCREASE PRODUCTION EFFICIENCY

- Monitoring the operator's cognitive load and attentiveness.
- Improving the usability of work tools.
- Enhancing interaction with equipment and surroundings.

## ENHANCE KNOWLEDGE TRANSFER

- Monitoring the visual strategies of skilled operators.
- Improvement of knowledge sharing.
- Creation of training protocols.

## IMPROVE WORKPLACE SAFETY

- Measuring risk perception and the effective placement of warning signs.
- Refocusing attention skills in line with the context.
- Monitoring whether the operator is adequately attentive.

# APPLICATIONS
WITH EYE TRACKING

## SECURITY & PRIVACY

Detects the user's presence is crucial for the protection of sensitive content in the workplace (traditional or remote). It offers  a secure data entry method that ensures privacy and security.

## WORK SAFETY

Identifies behaviour and risk factors inherent to a particular task or production process that could lead to a near miss or human error.

## PROCESS CONTROL

In the automation sector, eye tracking significantly supports quality control. It identifies the ' and monitors the operator's attentiveness.

## TRAINING

Monitors the expert's visual/behavioural strategies to access hidden skills that are difficult to transfer.
The creation of advanced training protocols reduces training time and costs.

## ENGAGEMENT

Makes it possible to target content based on customer profiling, enhancing the user experience and promoting conversion.

# MARKETS

FROM RESEARCH LABORATORIES TO PRODUCTION PROCESSES FOR INFINITE APPLICATIONS

## INDUSTRIAL

It is used in complex environments where the operator's attentiveness is crucial. Such as control rooms and production processes.

## MEDICAL

In robotic surgery, it makes it possible to monitor the operator's attentiveness and enables hands free interaction with systems.


## EDUTAINMENT

Learning becomes dynamic and interactive engaging the learner in a fun way facilitates acquisition of new knowledge and skills (in museums, companies and staff training).

## RETAIL & EVENTS

It attracts the user's attention by establishing a 1 to 1 relationship that makes it possible to profile consumers and gather their preferences. It can be integrated into displays, shelves and shop windows to increase stopping power and engagement.

# HOW IT WORKS

It monitors professional activity in real time through the eyes and unique perspective of the operator.

It collects a range of objective and behavioural data that would otherwise be difficult to access.

It enables hands free interactions through eye control.

Easy and flexible integration: no interface changes and no impact on software.

It extracts metrics to analyse, simplify and optimise methods and processes.

DISCOVER THE REPORT

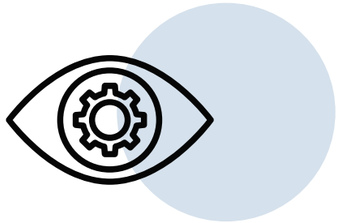
## ALL THIS IS CAVS

THE DEVICES USED ARE ACCURATE, SAFE, RELIABLE AND CE CERTIFIED.

# INTEGRATION

By equipping themselves with an eye tracker and integrating CAVS, everything the user is accustomed to doing using a mouse and keyboard can now also be controlled by eye.
The technology makes it possible to flexibly respond to a wide variety of requirements. Integration is simple and does not require rewriting or overhauling existing software. Research and innovation are the main focus of SR Labs to propose new solutions in unexplored contexts.

# WHY CHOOSE CAVS

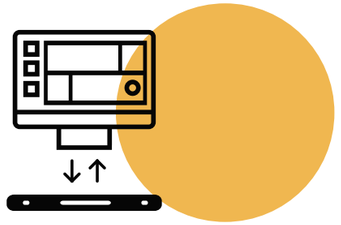



### INNOVATION

New ways of interacting

### USER FRIENDLY

Intuitive and easy to use



### VERSATILITY

Rapid integration of the eye tracker into your own applications

### RELIABILITY

Accurate data

### PATENTS

Functionality protected by international patents

# ABOUT SR LABS

SR Labs was founded in 2001 with the intention of applying eye tracking technology to the real world. We are leaders in creating eye controlled interfaces and designing experiences that enable people to interact in an effective, intuitive and touchless manner with various devices.

## OUR MISSION

To extend the use of eye tracking technology beyond the field of scientific research, exploring new fields of application.
By integrating eye tracking into everyday and working life, we improve its quality and efficiency.
This makes it possible to optimise production processes, allows people with disabilities to communicate with anyone and enables companies to optimise their marketing communication.

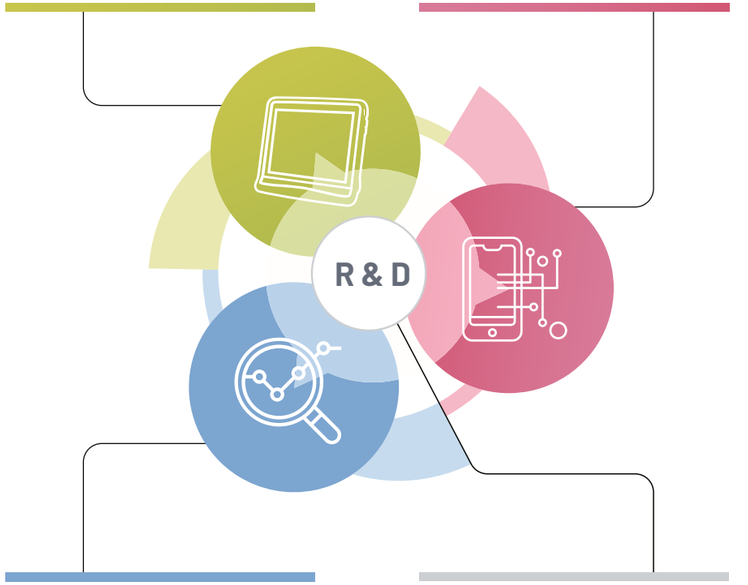


## HEALTHCARE SOLUTION

We support patients with physical, linguistic or cognitive disabilities in recovering their ability to communicate and in maintaining and expanding their autonomy.

## INSIGHT & INNOVATION

We provide objective, quantifiable data that allows you to know your users in depth and make high-impact decisions.




## SCIENTIFIC RESEARCH

We support universities and research centres in setting up high-tech laboratories and provide basic and advanced training.

## RESEARCH & DEVELOPMENT

Across all business units, we adapt and create software and applications that promptly respond to the ever-changing needs of the market.

**720+**

market research, usability tests and UX projects

**3.000+**

patients in Italy who use our assistive technologies through eye control

**100+**

laboratories and scientific research centres and universities equipped with eye tracking technology through our consultancy and training

**20+**

patents, copyrights and trademarks

CAVS®

## WHERE

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THE EYE-TRACKING COMPANY

Patent