

REAL-TIME MONITORING

PREVENTION



4 Alert/h STOP

If CAVS detects that the operator is absent, that their attention level is too low, or that their gaze is not consistently focused, it blocks or inhibits certain system functions.

CONTROL



75% Left CHECK

CAVS supports the operator by highlighting areas that have not yet been visually inspected, making it possible to achieve high procedural standards.

TIREDNESS



2 Alert/h OK

CAVS detects tiredness and workload in real time. It provides feedback to the operator to regain an appropriate level of focus.

USAGE OVERVIEW

20,1 h

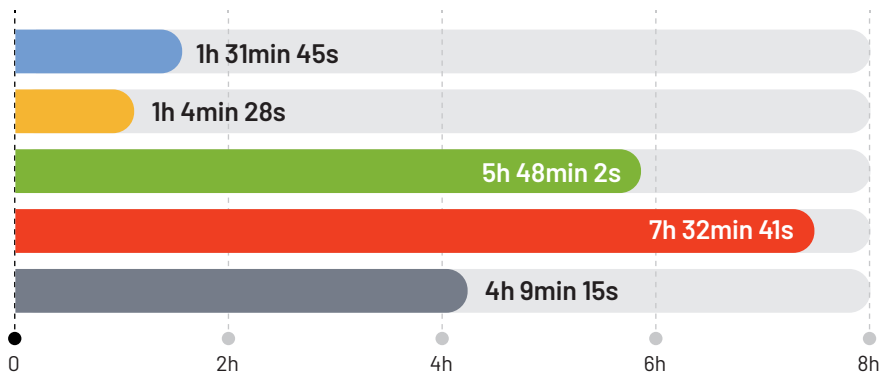
TIME OF USE

121

TOTAL ALERTS

37,5%

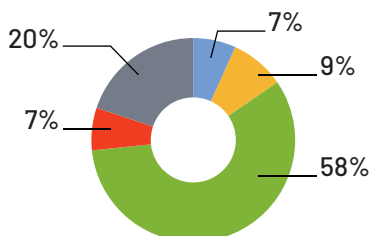
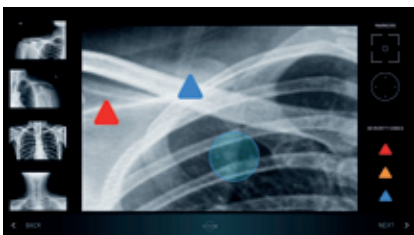
DISPERSION



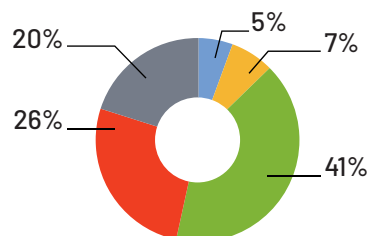
- EXPLORATION Observation activity, task-related
- INTERACTION Time used to activate interface commands
- PERFORMANCE Time spent on the task
- DISPERSION Time spent in non-sensitive areas of the screen
- OP. NOT DETECTED Operator absence

INTERFACE EFFICIENCY (USAGE TIME DETAIL)

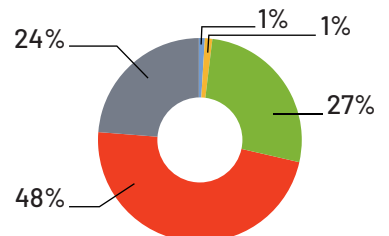
IMAGE VIEWER



SECURITY



PARAMETERS



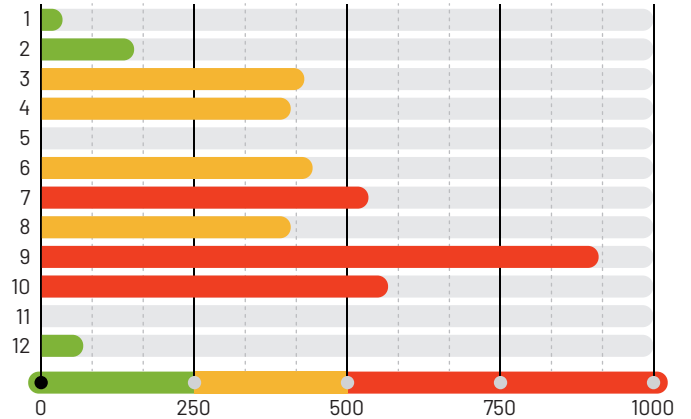
INTERFACE PERFORMANCE

To interact with the interface, an observation threshold time is required. When the time taken significantly exceeds the time required, it is necessary to intervene on the interface or processes.

INTERACTION AREAS



AVERAGE ACTIVATION TIME (ms)



■ NO PROBLEM
 ■ PROCESS CHECK
 ■ PROCESS REVIEW
 ■ AREA NOT ACTIVATED

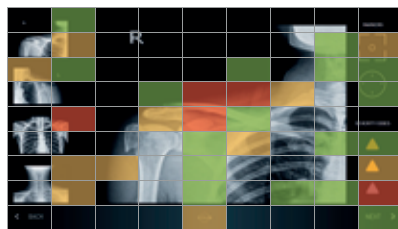
ACTIONABLE INSIGHT

- Improve the usability of certain interface elements
- Create or review standard operating procedures
- Support the operator with additional training sessions

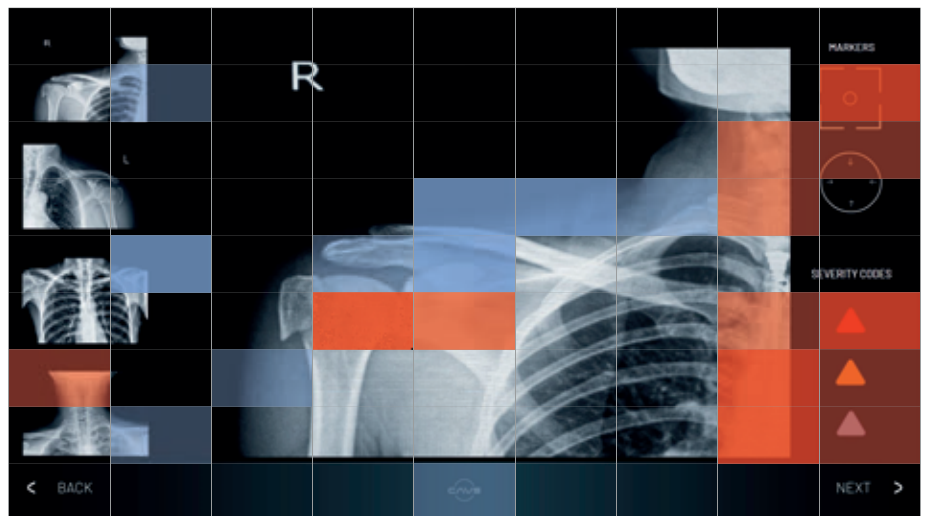
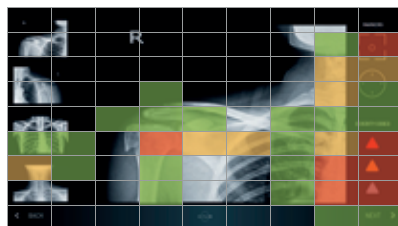
TRAINING AND KNOWLEDGE TRANSFER

Through a data-driven approach, training activities can be optimised, reducing time and costs. CAVS records, identifies and provides the expertise of experienced operators that would otherwise be difficult to observe and pass on within the company.

EXPERT



NOT EXPERT



FOCUS
 UNDER-ATTENTION
 DIFFERENCES
 OVER-ATTENTION

CAVS objectivises the expert's visual strategy: how they find information, what factors influence their decision, and how they perform their actions. By measuring the differences with less experienced operators, tailored protocols are developed to optimise and customise training activities.