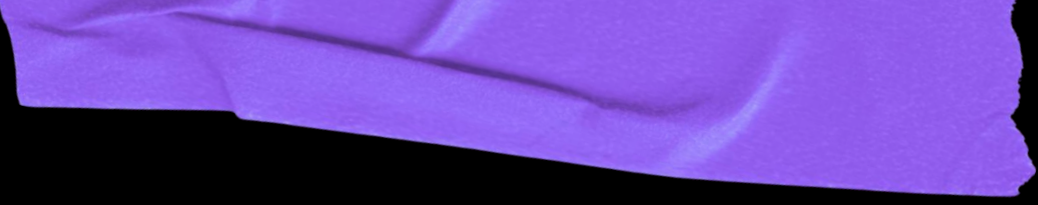


caveon
observer

THE SMARTER WAY TO PROCTOR



DISTANCE-LEARNING EXAMS FEEL MORE DIFFICULT THAN EVER TO SECURE.

The truth is, traditional proctoring isn't equipped to detect most classic forms of fraud, let alone the advancing security threats posed by AI.



WHAT IS OBSERVER?

The first test-monitoring platform designed to deliver a **friendlier, fairer** testing experience for students. With it, administrators can administer tests **securely** and **affordably** while avoiding the pitfalls of traditional proctoring.



OBSERVER MONITORS:

- ✦ **Test Design Data**

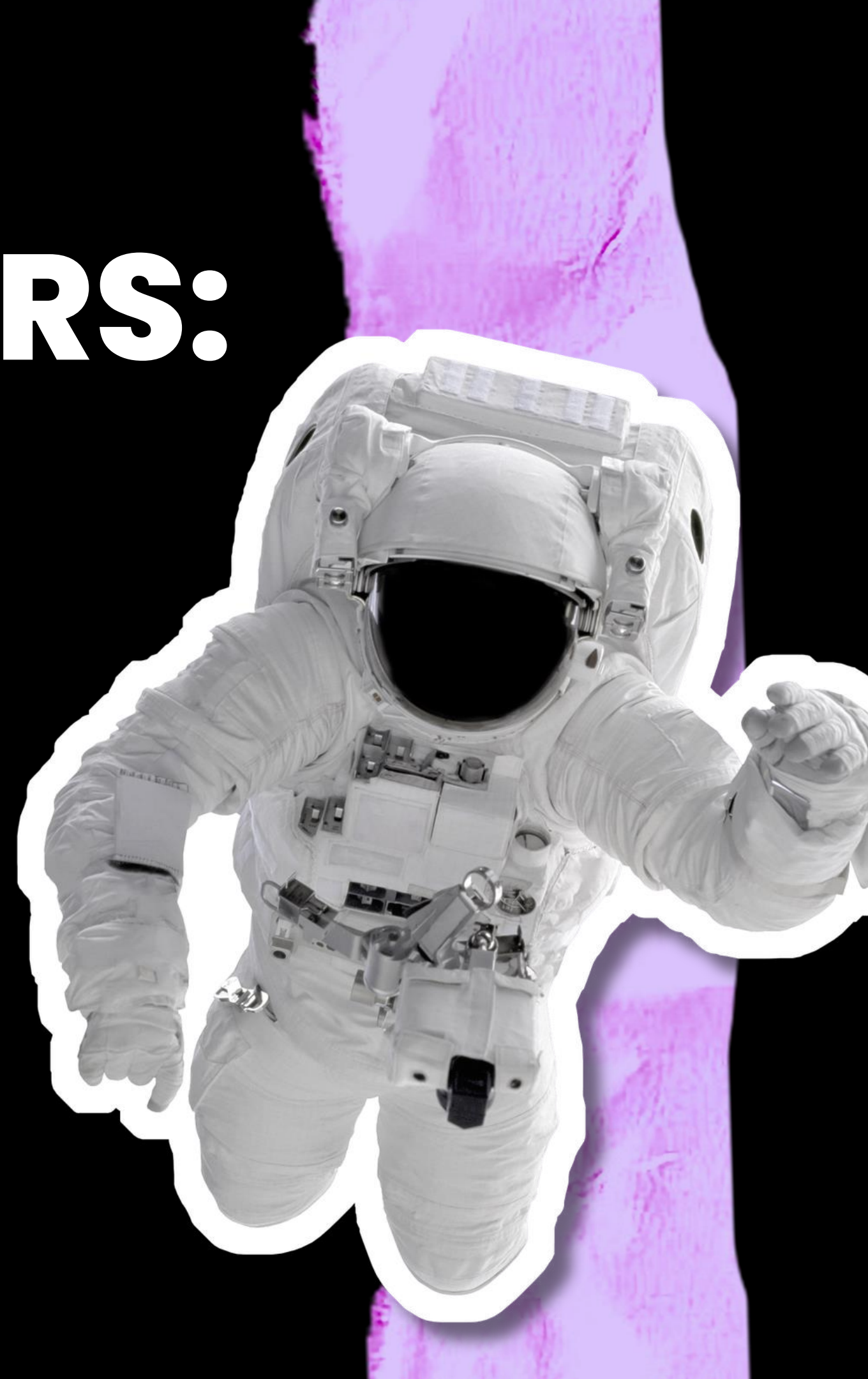
The structure and integrity of the test itself

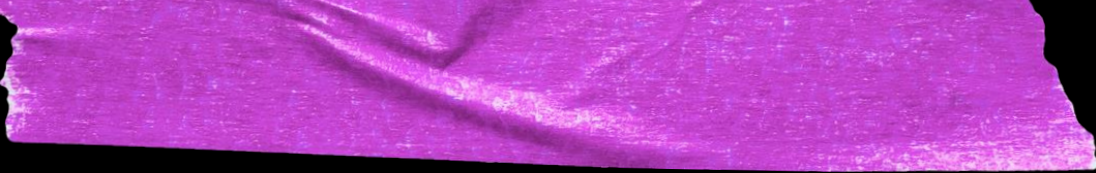
- ✦ **Real-Time Testing Data**

Live data forensics from the test session

- ✦ **Typical Proctoring Inputs**

Audiovisual, screen share, and device usage





Using these signals, Observer's AI-powered system calculates a patented **Risk Score** in real time.

Testing organizations set **Risk Thresholds** based on their security needs.

If any session's Risk Score exceeds the Threshold, that session is flagged for review by a human **Task Analyst**, who assesses the alert in real time to determine the appropriate response.

This process delivers a **less invasive, more test-taker-friendly** experience for most students while ensuring that higher-risk sessions receive **the appropriate level of scrutiny**.

OBSERVER DOES:

Automate the detection of common, visible threats

Provide **ongoing analysis** of test taker behavior

Direct **human resources** where they're **most needed**

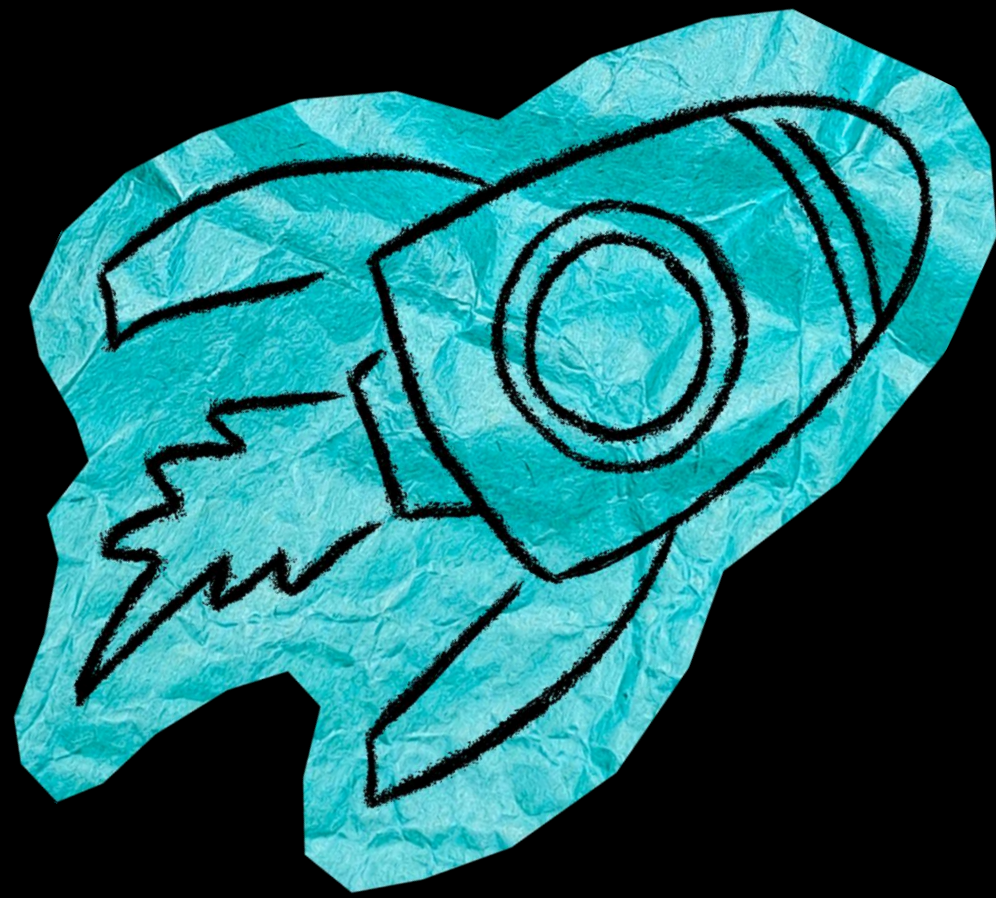
OBSERVER DOESN'T:

Guarantee 100% **detection** of visible and invisible threats

Replace humans in the process of monitoring

Make **final decisions** about suspension or invalidation

WHY USE OBSERVER FOR DISTANCE LEARNING?



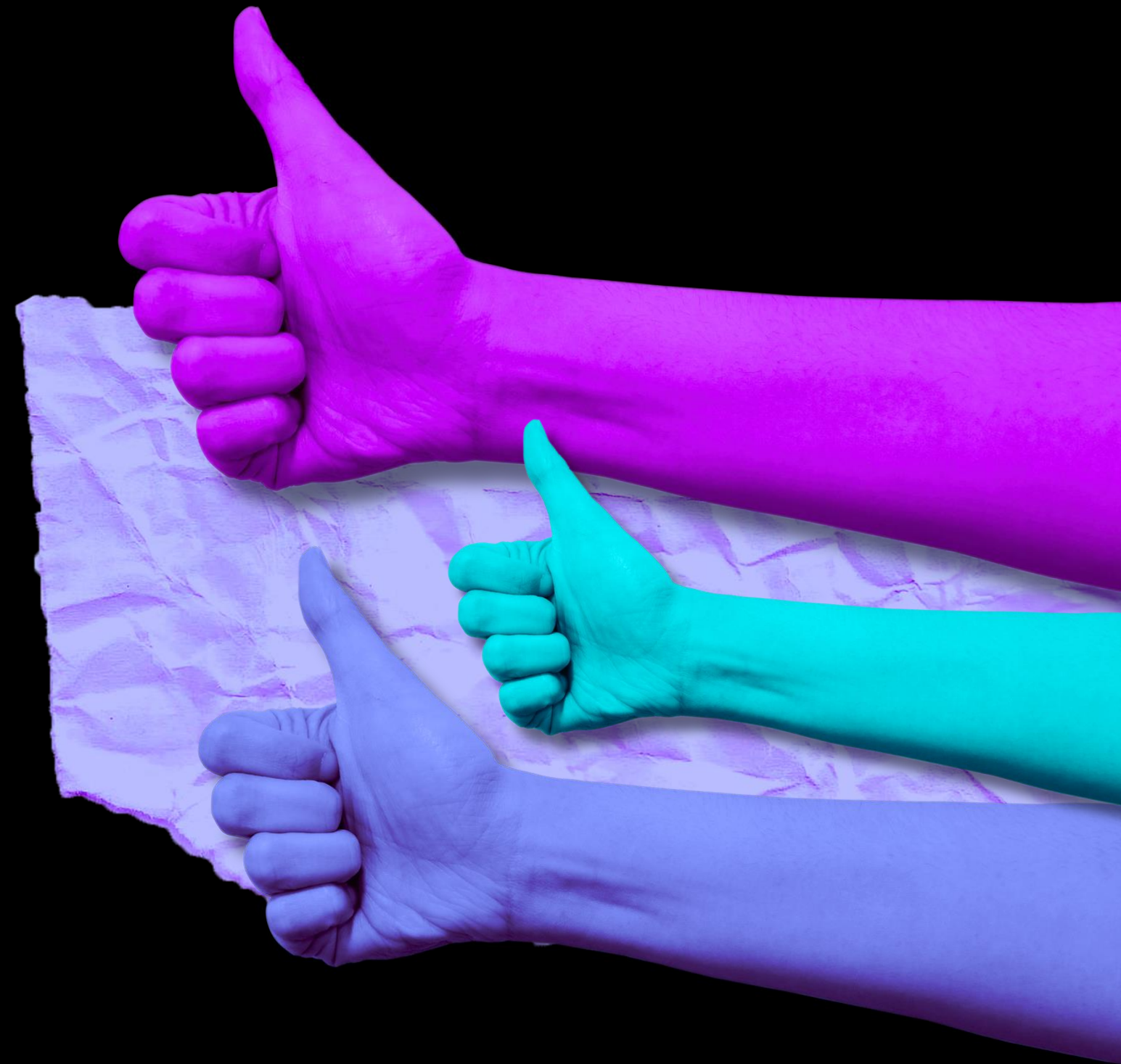
- * Ease of Use
- * Improved Test Taker Experience
- * Cost Savings
- * Smarter Security

EASE OF USE

Bring Your Own Personnel (BYOP)

Use Caveon's trained Task Analysts or staff your own Observers under the Bring-Your-Own-Personnel (BYOP) model for cost-effective monitoring.

- Program Administrators
- Professors, Teachers, and Instructors
- Teaching Assistants and Aids
- Trained Support Staff



IMPROVED TEST TAKING EXPERIENCE

Minimize testing stress + maximize fairness

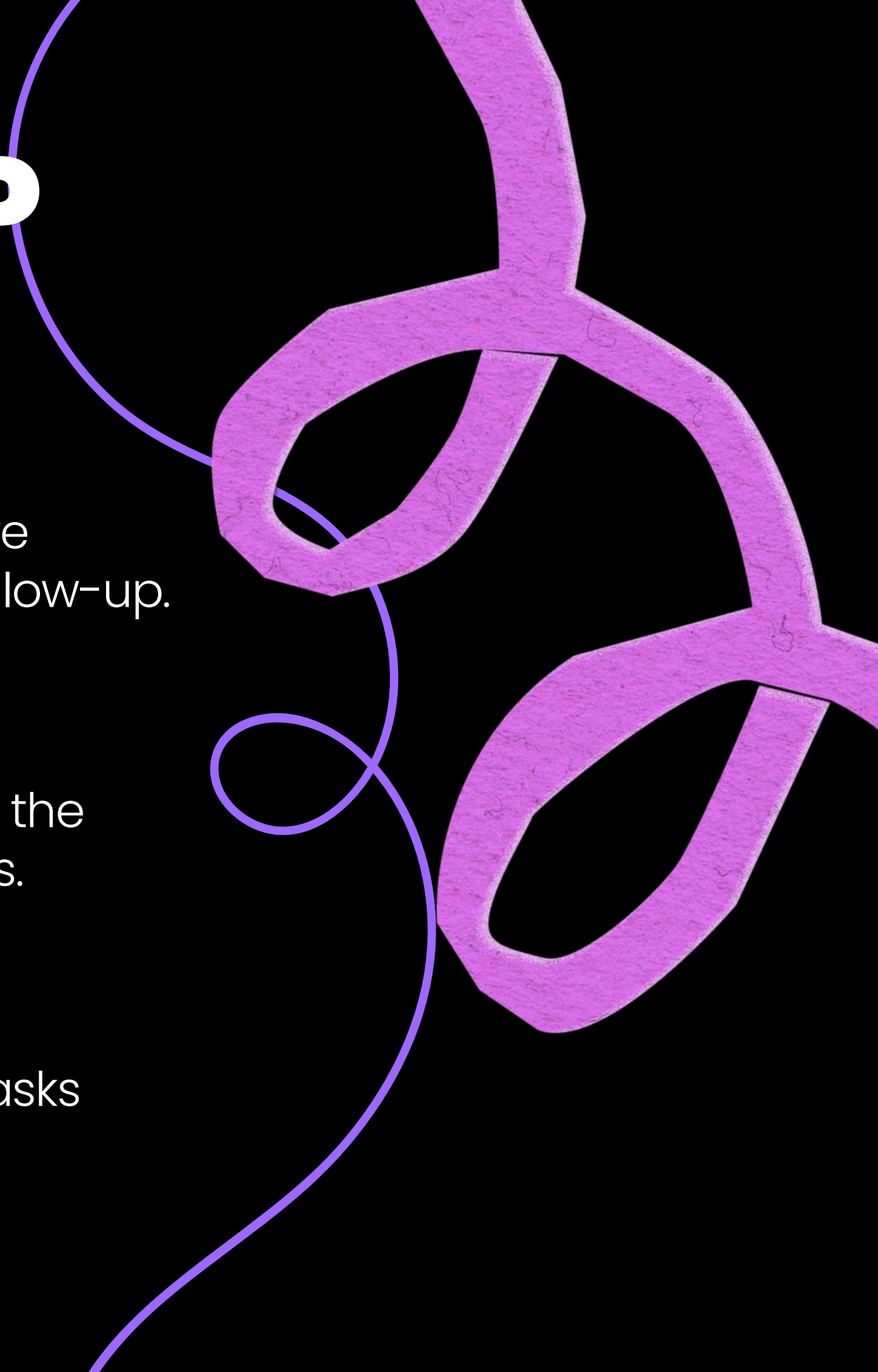
Traditional proctoring treats every test-taker as an equal threat, with invasive surveillance and lockdown systems.

Observer creates a more comfortable, frictionless testing experience for students.

- No downloads
- Faster start times
- Fewer interruptions



HUMAN IN THE LOOP



DECISION MAKING

Observer enhances human judgement, providing you with more detailed information and defensible evidence for actionable follow-up.

ALERT SENSITIVITY

Human decisionmakers set the sensitivity of the system, setting the RAMS threshold to deliver alerts according to their unique needs.

REVIEW PROCESSES

You control the number of human analysts on deck to review tasks in real time, taking appropriate action when necessary.

STUDENT POV

Examinee Settings

Webcam

Not Complete

Connect your webcam.

Enable Webcam

Screen-share

Not Complete

Choose 'Entire Screen' when setting up screen sharing.

Enable Screenshare

Use this QR code to connect a phone to your exam.

Complete the following once you have a phone connected:

Enable the Observer Phone Video

Not Complete

Enable live video in the Observer Phone app.

Verify the Observer Phone Keyword

Not Complete

Verify

Take and Approve Observer Phone Selfie

Not Complete

Capture and approve an image of yourself in the Observer Phone app.

Position the Observer Phone

Not Complete

Prop the phone to the side so that you and your keyboard are in frame.

Mark as Complete

This session is being recorded.

Examinee Settings

Webcam

Verified

Connect your webcam.

Webcam is enabled:

Step complete.

Screen-share

Verified

Choose 'Entire Screen' when setting up screen sharing.

Screenshare enabled:

Step complete.

Use this QR code to connect a phone to your exam.

Complete the following once you have a phone connected:

Enable the Observer Phone Video

Verified

Enable live video in the Observer Phone app.

Verified!

Thank you.

Verify the Observer Phone Keyword

Verified

Take and Approve Observer Phone Selfie

Verified

Capture and approve an image of yourself in the Observer Phone app.

Phone is in position:

Step complete.

Position the Observer Phone

Verified

Prop the phone to the side so that you and your keyboard are in frame.

This session is being recorded.

TASK ANALYST POV

ID

PUB

A+

High risk candidate detected (79) (Observer Demo - Mike • Demo Secure Exam)

Logs

Live Feed

Clips

Exam Tools

Task History

Instructions

Support

Only available when the exam is active.

cloud.caveon.com/support

High risk test session detected (93) (Caveon-ATP-Demo • Trivia Night Showcase 2026 (2026-02-17T20:14:20.927624)) In queue: 21 minutes 29 seconds

Summary

RAMS Score92

32 Clips

Audio Volume

Gross Movement

Multiple Faces Detection

Warnings16

6 Please Do Not Press The Meta Key.

5 Please Do Not Navigate Away From The Exam.

3 Please Do Not Press The Alt Key.

2 Please Do Not Press The Ctrl Key.

Messages from Test Taker1

Help

Task Analyst Notes

Note	User	Timestamp
------	------	-----------

Examinee Info

Name

Michael O'Leary

Queues

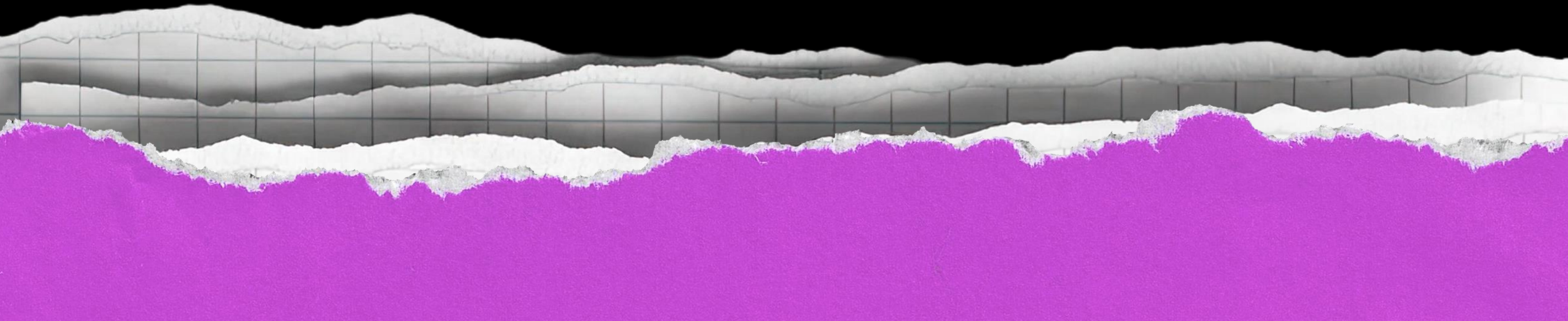
• ATP-Demo-Queue

Accept

Close

RAMS

Risk Analysis Management System



CURRENT RAMS DATA

Payload: RAMS receives from Observer every 30 sec.

- 30 seconds of audio
- 3 phone camera pictures
- 3 webcam pictures
- 3 screen captures
- Item responses and response times
- Keystroke Data
 - Mouse movements, clicks, and keys (with time stamps)
- Warnings given



RAMS ANALYSIS

Takes about 5 Seconds

If a clip exceeds the RAMs threshold, **a task is generated** with:

- **30 seconds of video** and **audio** (around the point at which the RAMs score exceeded the threshold)
- A **history of tasks** for this test instance
- Task analyst **notes** plus all **previous clips**
- A link to the **live exam** session



OBSERVER PLUS

OBSERVER

Patented, Secure Test
Administration Monitoring

+

SECURE TEST & ITEM DESIGN

Combine to Achieve:

- * Virtually impenetrable test security
- * Dramatically reduced costs of human resources + overhead
- * Greater efficiency
- * Improved intervention accuracy
- * Fortified test integrity

WHAT NOW?

- ✴ Let's answer some questions.
- ✴ What else would you like to learn about Observer?
- ✴ Want to book a demo?



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THE SMARTER WAY TO PROCTOR

visit caveon.com/observer to learn more.