VEDNIQ
Virtual Proctoring Document

CLIENT DOCUMENT

VEDNIQ Virtual Proctoring for Controlled Assessments

This document provides a professional overview of the VEDNIQ virtual proctoring model used in controlled assessment scenarios. It explains system coverage, violation logic, learner experience, evidence retained, and the practical security posture that clients can rely on for enterprise training environments.

3

Maximum allowed violations before the assessment is automatically submitted.

1

Continuous tab or app switch is counted as one violation for that uninterrupted absence.

4

Main control layers: entry control, browser monitoring, image evidence, and server validation.

Document purpose

Intended for client presentations, assessment governance discussions, and enterprise stakeholders who need a clear and accurate description of how VEDNIQ virtual

proctoring works in practice.

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1. INTRODUCTION

Purpose of the VEDNIQ virtual proctoring layer

VEDNIQ virtual proctoring is designed to create a controlled assessment environment for enterprise training programs where result credibility matters. The objective is not to create unnecessary friction for learners, but to ensure that assessments are attempted under clearly defined conditions and that instructors have meaningful evidence available during result review.

In a standard unsupervised online test, the system typically receives only the final submitted answers. In the VEDNIQ controlled assessment model, the system additionally records selected integrity-related actions and maintains a reviewable evidence trail so that the final score can be interpreted alongside behavioral context.

2. EXECUTIVE SUMMARY

Summary for client stakeholders

1

Controlled access

Assessments are entered via session-specific QR codes or assessment links issued from the VEDNIQ session-control flow.

2

Rule acknowledgment and camera requirement

Learners must consent to the assessment rules and grant camera access before starting the assessment.

3

Browser-event monitoring

The system monitors integrity-relevant client-side events such as tab switching, focus loss, fullscreen exit, clipboard attempts, blocked shortcuts, and right-click behavior.

4

Visual evidence

Image captures are retained at start, at periodic intervals, at violation moments, and at the end of the attempt.

5

Violation threshold

Three violations trigger automatic assessment submission, preserving the current attempt and preventing continued uncontrolled behavior.

6

Enterprise positioning

VEDNIQ provides a strong practical control model for training assessments, with evidence and audit value, while remaining transparent

about the limits of browser-based proctoring.

3. WHAT THE PROCTORING COVERS

Functional coverage of the assessment integrity model

Access and entry control

- Session-specific QR code or direct assessment link from session-control.
- Session-aware routing into the correct assessment context.
- Reduced risk of learners entering an incorrect or unrelated test flow.

Learner readiness controls

- Assessment rules are presented before start.
- Consent acknowledgment is required.
- Webcam permission is required before the attempt can begin.

Client-side monitoring

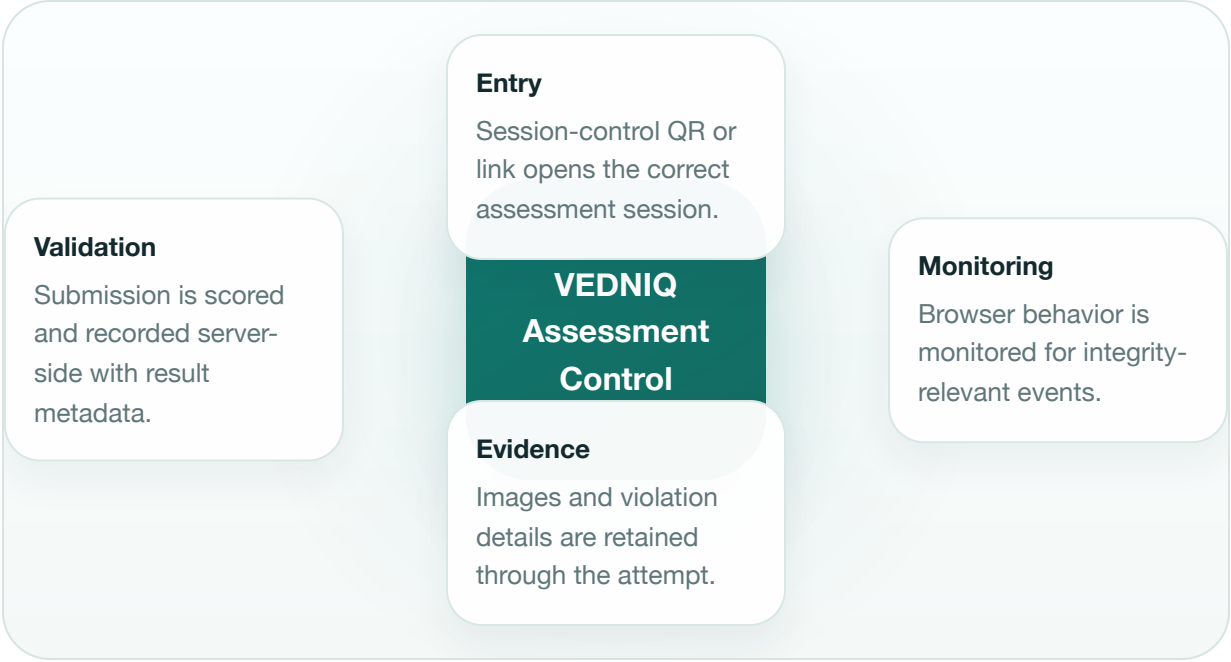
- Tab switching or app switching.
- Browser window focus loss.
- Fullscreen exit.
- Clipboard, shortcut, and context-menu attempts.

Evidence and result review

- Start, periodic, violation, and end image captures.
- Violation log retained with the attempt.
- Server-side scoring and integrity-linked submission record.

4. ASSESSMENT CONTROL FLOW

High-level assessment and proctoring flow



Interpretation of the flow

The VEDNIQ model is designed so that the final result is never interpreted in isolation. A submitted result can be reviewed in the context of how the learner behaved during the attempt and what visual evidence was retained throughout the session.

> This is especially useful for enterprise training programs where post-assessment conversations may involve instructors, client managers, delivery owners, or quality reviewers.

5. VIOLATION TYPES AND CONDITIONS

What constitutes a violation in the current VEDNIQ flow

VIOLATION TYPE	CONDITION	WHAT THE LEARNER EXPERIENCES
Tab Switch / App Switch	The assessment page is moved to the background beyond the allowed grace threshold.	A warning is shown, the event is logged, and a violation image is captured.
Window Focus Lost	The browser loses focus while the assessment remains active, beyond the noise-handling delay.	The event is recorded as a violation and presented in the review trail.
Fullscreen Exit	The learner exits fullscreen mode during the active assessment.	The event is logged and the learner is prompted back toward fullscreen mode.
Clipboard Attempt	The learner attempts copy, cut, or paste actions.	The action is blocked and the learner is warned that the behavior is not allowed.
Right-Click	The learner attempts to open the context menu during the assessment.	The action is blocked and monitored without unnecessary duplicate noise.
Blocked Shortcut	The learner attempts restricted keyboard shortcuts associated with inspection, saving, printing, or developer access.	The shortcut is blocked and the action is logged.

6. VIOLATION COUNTING LOGIC

How VEDNIQ counts violations and what happens next

First principle

A continuous uninterrupted absence from the assessment counts as one violation, not a rolling series of violations for the same event.

Grace handling

Short transient interruptions are allowed a grace threshold to reduce false positives, especially on mobile devices.

Threshold action

At the third violation, the assessment is automatically submitted and the attempt is preserved for instructor review.

Counting model

- Violation 1: warning is issued and recorded.
- Violation 2: warning is issued again and the reduced remaining tolerance is shown.
- Violation 3: assessment is automatically submitted.

System actions on violation

- Event is logged with type and timing.
- Violation count is incremented.
- Violation-tagged image capture is taken.
- Final result record carries the violation information forward for review.

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7. SECURITY POSTURE

How secure the VEDNIQ virtual proctoring system is

The correct enterprise description is that VEDNIQ provides a strong browser-based control and evidence model for controlled assessments. It substantially improves

integrity compared to a basic online quiz by combining monitored events, image capture, and server-side validation. At the same time, it is positioned honestly: it is not marketed as a hardware-enforced lockdown browser or a full replacement for live invigilation in extremely high-security exam settings.

Strengths

- Controlled session entry from the VEDNIQ delivery flow.
- Rule acknowledgment and mandatory webcam requirement.
- Multiple types of integrity-relevant events monitored.
- Full attempt photo series available for instructor review.
- Server-side scoring and result recording.

Enterprise-appropriate phrasing

VEDNIQ virtual proctoring should be presented as a professional, auditable, and practical assessment integrity layer suitable for enterprise learning environments where result trust matters and where reviewable evidence is valuable.

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8. CONCLUSION

Conclusion and recommended client message

VEDNIQ virtual proctoring creates a cleaner and more defensible assessment environment by combining session-level access control, browser-event monitoring, visual evidence, and server-side validation. It is designed for practical enterprise use: strong enough to materially improve integrity, simple enough to deploy in real training operations, and transparent enough to explain clearly to clients and learners.

> Recommended client message: **VEDNIQ provides a controlled virtual proctoring model that improves assessment credibility, reduces casual**

> **misuse, and gives instructors reviewable evidence around each attempt.**

Prepared for VEDNIQ client sharing and presentation use. This document is intended to be presented, exported, and circulated as a clean enterprise summary of the current virtual proctoring model.