

Cyolo PRO (Privileged Remote Operations) Session Intelligence

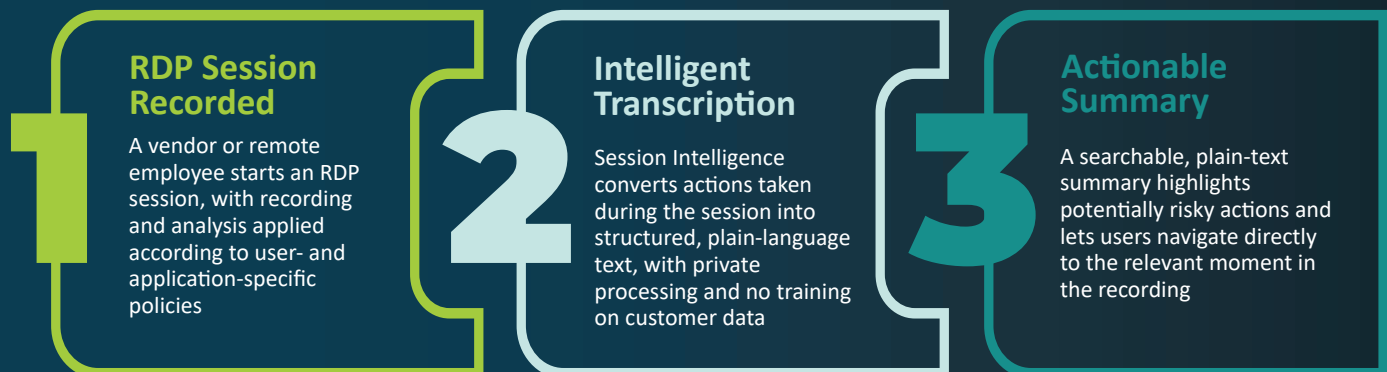
Turn session recordings into searchable insights

THE CHALLENGE

When an OT incident occurs, a third-party vendor accesses a critical asset, or an auditor requests proof of compliance, **teams need to know exactly what happened** inside the industrial environment. Traditional session recordings capture session activity, but pinpointing relevant actions still means reviewing hours of footage minute by minute. A faster way to investigate activity is crucial to closing security blind spots, dramatically reducing mean time to resolution (MTTR), and minimizing operational disruption.

Overview

Recording privileged remote sessions is a common security and compliance practice, but footage that goes unreviewed can create an **illusion of security**. As the number of remote and third-party sessions grows, security and operations teams rarely have the bandwidth to manually review hours of recordings to identify risky activity or diagnose an issue. **Cyolo PRO Session Intelligence bridges this gap** by automatically converting native and web-based RDP sessions into structured, plain-language summaries and searchable text, while highlighting actions that may indicate risk or require review. Teams can quickly understand what took place, jump directly to the relevant moment in the recording, and accelerate forensic investigations.



From Recordings to Answers

Status Quo

A PLC configuration changes during off-hours maintenance, requiring 4 hours of video review to determine why.

With Session Intelligence

Search for “PLC ladder logic” in the session transcript and go directly to the moment the contractor made the change.

Outcome

Dramatically faster MTTR during operational troubleshooting.

An OEM completes a remote session on a critical asset, but confirming exactly what was done requires reviewing the full recording.

Review a plain-language summary of the session and go directly to the relevant activity in the recording.

Fast, clear review of third-party access without watching the full recording.

A recorded OT session needs to be analyzed, but the footage contains sensitive operational data that cannot leave the environment.

Generate the session transcript and summary inside the Cyolo platform without training on customer data, then automatically purge the source video after processing.

Sensitive OT data stays protected in support of data-governance requirements and security best practices.

The Value

Actionable Summary

Turn on-screen actions, including keystrokes, into searchable, plain-language text for faster investigation and review.

Minimal Disruption to Plant Operations

Runs in the background with no added latency, no agents on legacy OT assets, and no change-management cycles.

Sensitive OT Data Stays Secure

Customer data never trains third-party or commercial AI models. Analysis runs privately and source data is purged after processing.

Instant Incident Forensics

Move from an alert to the relevant command or screen activity in seconds, without reviewing hours of video.

Flexible, Policy-Based Coverage

Apply Session Intelligence by identity, group, or asset, including high-risk vendors and sensitive systems.

Simplified Review and Sharing

Search the full session, then download or share the human-readable transcript with security teams, auditors, or other stakeholders.



About Cyolo

Cyolo secures every connection across critical infrastructure and operational technology (OT) with a full-stack Secure Connectivity Platform that unifies remote privileged access and zero trust microsegmentation. Leading manufacturers, utilities, and data centers rely on Cyolo for surprisingly simple secure connectivity.