



At a Glance

INTELLIGENT SUPERVISION FOR OT: Revolutionizing Remote Access with AI-Powered Supervision

Intelligent Supervision is a set of AI-powered capabilities designed to transform how access to critical environments is monitored and overseen. As a forthcoming enhancement to the **Cyolo PRO (Privileged Remote Operations)** secure access platform, Intelligent Supervision will significantly ease the burden of manual oversight by leveraging AI to analyze, summarize, and automate supervision of privileged and critical sessions. With Intelligent Supervision, Cyolo takes another step forward to provide organizations across industries with stronger security, better operational agility, and greater productivity.



Security Risk Score Analysis with Automated Reports

A risk score will be generated for each remote session based on the security risks that it poses. This score will allow supervisors to quickly identify and prioritize high-risk connections and activities, enabling security teams to focus their efforts on the sessions that present the greatest risk to the organization. Accompanying the risk score are detailed session reports to further improve prioritization and decision-making. Together, these features will enhance efficiency and reduce administrative burden, allowing for a more targeted and proactive approach to supervision. All data can be seamlessly integrated with other tools in the organization's security stack, supporting logging or automated actions.



AI Session Supervision

AI-driven monitoring will oversee ongoing sessions, continuously scanning for suspicious actions or potential errors. If a security threat is detected, the system can alert supervisors or pause a session (in accordance with the policy configuration), enabling immediate intervention. This proactive, context-aware supervision helps prevent security breaches and operational errors before they can escalate, ensuring that critical systems remain secure and operational.

BENEFITS



IMPROVE SECURITY

Proactive Intelligent Monitoring

Gain an extra set of eyes to help identify and raise the alarm about potential security and safety risks. Ensure that third-party connections and other cases of critical access are closely monitored and enable rapid intervention to prevent operational disruptions – all with no additional overhead.



ENHANCE OPERATIONAL AGILITY

Improve Efficiency and Productivity

Empower admins and supervisors to optimize their time, more effectively manage oversight responsibilities and session recordings, and focus on what matters most to the business.



MINIMIZE DOWNTIME

Ensure Business Continuity and Safety

Use valuable insights obtained from proactive monitoring and risk analysis to prevent operational downtime and safety issues. Stop incidents before they escalate and shorten time-to-recovery (TTR).



REDUCE COSTS

Lower Operational Overhead

Maximize time and resources by automating session supervision and reducing the need for extensive yet inefficient manual review processes. This proactive approach also saves on the costs of downtime and systems recovery.



MEET REGULATIONS

Simplify Compliance and Global Standards Management

Achieve regulatory compliance and standards management more easily with streamlined supervision capabilities and session recordings.

Simplify and Modernize Secure Remote Access with Cyolo PRO

Intelligent Supervision is part of the wider Cyolo PRO secure remote access solution. Purpose-built to meet the distinctive needs of OT environments, Cyolo PRO ensures safe, secure access to critical assets with features that include multi-factor authentication (MFA) to all systems, agentless third-party access, credentials vault, supervised access, session recording, and more. Cyolo PRO is a disruptive, infrastructure-agnostic solution with a fast and easy deployment process, allowing organizations to secure access for remote workers, third-party vendors, and critical operations at the lowest cost of change.

About Cyolo

Cyolo provides secure remote privileged access for cyber-physical systems (CPS), enabling industrial enterprises to simply connect employees and third-party vendors to critical assets. Cyolo offers stronger security and more control than traditional secure remote access and deploys in any environment without causing disruptions or requiring change management. Cyolo delivers improved security, productivity, and operational agility – without compromise. Visit cyolo.io to learn more.

