

## CITRIX SESSION MONITORING SOLUTION

With its flexible clients, Ekran System provides effective solutions for tracking Citrix user activity. In addition to Citrix session recording, Ekran System delivers a comprehensive set of identity and access management features, real-time alerting, and incident response tool sets. As a universal insider threat protection platform, Ekran System supports virtual environments alongside physical ones, providing powerful solutions for as **employee monitoring**, subcontractor and **third-party security monitoring**, as well as assuring **compliance** with multiple security standards.

### Citrix Monitoring Software Functionality Overview

	Citrix XenDesktop	Citrix XenApp
<b>Overview of functionality</b>		
<b>Installation:</b>	One client per virtual desktop via automated license pool	One client per published app server
<b>Session details:</b>	Hostname, username	Full details on remote IP address, hostname, username
<b>Session recording:</b>	Video of user's screen accompanied by activity details, including keystrokes and connected devices	Video of user's screen accompanied by relevant activity details, including keystrokes
<b>Identity verification:</b>	Two-factor authentication Secondary authentication for shared logins	Two-factor authentication Secondary authentication for shared logins
<b>Access management:</b>	-	PASM One-time passwords Manual login approval Ticketing system integration
<b>Alerts and notifications:</b>	Predefined templates and customizable rules around activity details	Predefined templates and customizable rules around relevant activity parameters Session initiation
<b>Incident response:</b>	Live session view User blocking Session termination Warning messages	Live session view User blocking Session termination Warning messages

## Citrix XenDesktop monitoring and control

Ekran System workstation clients can be installed on any live Citrix XenDesktop and included in system images to be preinstalled on any new virtual desktop. The Ekran client allows you to verify user identity with tools for **two-factor authentication** and secondary authentication for shared logins. Once a session is allowed, the software records all **user activity** in a smart screen video format indexed with multilayer metadata:

- names of active applications
- opened URLs
- keystrokes
- connected USB devices (virtual and physical)
- and other details

When auditing or **investigating** an incident, you'll have access to in-session and cross-session search options, fast-forward replay, and various standard and customizable reports to flag potential incidents. To help you respond to incidents in a timely fashion, Ekran System Citrix employee monitoring software provides a broad set of **alert templates** along with the possibility to customize them and build your own rules.

When a user performs an abnormal or security-critical action, your team will be notified and provided with incident context so they can check what's going on and respond immediately. For the most critical cases, alerts can be augmented with automated incident response actions, such as blocking the user, killing the application, and/or displaying a warning message.

## Citrix XenApp monitoring and control

Ekran System is a well-thought-out solution for Citrix XenApp monitoring. Its Terminal Server client can be installed directly on a published application server, simultaneously recording all concurrent sessions and providing real-time incident detection and response.

The client can record Citrix sessions selectively, only recording for a range of users or host IP addresses or only recording those sessions outside of a white list. Each session recording includes a video recording of the user's screen (showing all or only selected activities) indexed with details on activities, such as keystrokes or active window title.

Ekran System's complex alerting system works not only for virtual desktops but for Citrix XenApp sessions as well. Besides alerting about potentially dangerous actions within a session, the system can notify your security team when a session is being established by specific users or from specific IPs. Critical alerts can trigger automated incident response actions such as terminating a session or blocking a user.

In addition to Citrix session monitoring, Ekran System provides powerful **access management** capabilities for Citrix XenApp published application servers. You can choose from a fully functional privileged account and session management (PASM) tool set for granting temporary access, one-time passwords for emergency access, and manual login approval for even more control. Additionally, you can integrate your access management scheme with a ticketing system. You can verify user identity with Ekran System using **two-factor authentication**.