







ITVDesk

Virtual IP Camera Software
for VMS & NVR Integration

ITVDesk is a professional software solution for desktop monitoring and IP video integration. It can stream desktop screens, application windows, webcams, RTSP/RTSPS streams, media files, and audio into professional VMS and NVR environments.

-  Transmit PC desktop as a virtual IP camera
-  Stream webcam, RTSP/RTSPS and media sources
-  PTZ desktop control & subtitle desktop overlay
-  Alarm trigger support & two-way audio
-  Software-only solution
-  Windows, Linux and macOS support



Monitor digital workstations

Bring desktop screens, application windows and webcams into your security workflow as live IP video sources.



Reduce deployment cost

Replace extra encoders and separate capture appliances with a flexible software-only approach.

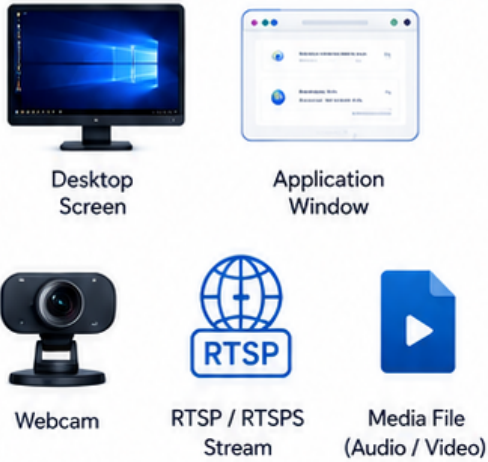


Integrate with existing systems

Use ITVDesk with professional VMS, NVR and security client environments for centralized monitoring and recording.

HOW IT WORKS?

1 CAPTURE SOURCES



2 ITVDESK VIRTUAL IP CAMERA SOFTWARE



ITVDesk transforms selected sources into live IP video streams and security-friendly feeds for monitoring, recording, and integration.

3 VMS / NVR / CLIENT



Use the computer's network address to connect ITVDesk to professional VMS, NVR, and security client environments.

DESKTOP STREAMING TECHNOLOGY

ITVDesk enables organizations to turn everyday desktop resources into powerful IP video streams for professional surveillance. Capture desktop screens, application windows, webcams, RTSP and RTSPS streams, and media files—including audio—and publish them as live video streams with ease.

Enhance your streams with PTZ desktop control, subtitle desktop overlay, and alarm trigger workflows to respond to events in real time. ITVDesk integrates seamlessly into professional surveillance environments for monitoring, recording, and system integration.

As a software-only solution, ITVDesk requires no additional hardware, reducing costs and complexity while delivering enterprise-grade reliability and performance.

Centralize monitoring and recording across multiple locations to improve operational visibility, streamline incident response, and strengthen security and compliance.



TASKS WHERE THE PROGRAM CAN BE USED



Record computer screens in VMS / NVR systems



Replace HDMI / VGA hardware encoders



Broadcast multiple computer displays on a single video wall or TV screen

BENEFITS AND GAINS

- ✓ No need to buy extra IP camera hardware for screen monitoring
- ✓ High quality video with efficient H.264 / H.265 streaming
- ✓ Monitor and broadcast multiple screens from one system
- ✓ Flexible software-only deployment that lowers infrastructure cost

BUSINESSES WHERE THE PROGRAM CAN BE USED

- + Retail & POS
- + Banking
- + Education
- + Production
- + Transport
- + Control rooms
- + Sales
- + Home & Family

FEATURES



Multiple desktops (monitors) supported
Captures and streams multiple computer desktops simultaneously.



Audio and two-way audio supported
Capture microphone audio and support interactive audio workflows where required.



Multiple webcams supported
Use built-in or USB webcams and stream multiple camera inputs from one machine.



Secure streaming protocols
RTSP, RTSPS, SRTP, HTTPS, and WebSockets for secure and flexible deployment.



Multiple Channels Mode
Create one virtual device with multiple video channels, one per source.



Multiple Cameras Mode
Create a separate virtual camera for each source when the target system prefers separate devices.



PTZ desktop control
Remotely navigate and control desktop views with PTZ-style workflow support.



Subtitle desktop overlay
Display keyboard or desktop subtitle information directly in the video stream.



Alarm trigger support
Support alarm/event trigger workflows and integration scenarios.



Advanced integration features
Event handling, overlays, recording integration, and enterprise-ready workflows.