

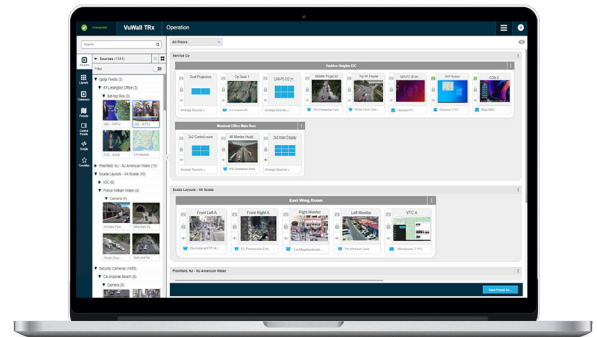


TRx v4 Centralized Management Software

Management Software for Video Walls, KVM, and AV-over-IP

TRx is VuWall's centralized management software solution for AV-over-IP distribution, multi-video wall control, and KVM operations. Designed for control rooms, security operations centers, and other professional environments, TRx enables operators and administrators to manage, route, and control a wide range of sources across video walls and operator workstations, with native support for VuWall and G&D systems.

Built to run on the VuCore platform, TRx is designed for reliability, security, and performance in mission-critical environments. Its intuitive centralized interface simplifies the configuration and management of complex AV and KVM systems. TRx supports seamless device integration, efficient workflows, and scalable deployments as operational needs evolve.



Centralized Management

Configure and control all video walls, displays, and KVM workstations from a single platform.



Secure & Reliable

Runs in a lightweight, containerized, closed environment for stable and controlled operations.



Ease of Use

Easy drag-and-drop interface for configuration and operations.



Flexible & Scalable

Unlimited number of sources & destinations. Modular design that adapts to evolving needs.



Interoperable

Support for major AV and KVM platforms including G&D.



Redundancy & Availability

Full availability & control of your visualization infrastructure.



Access from Anywhere

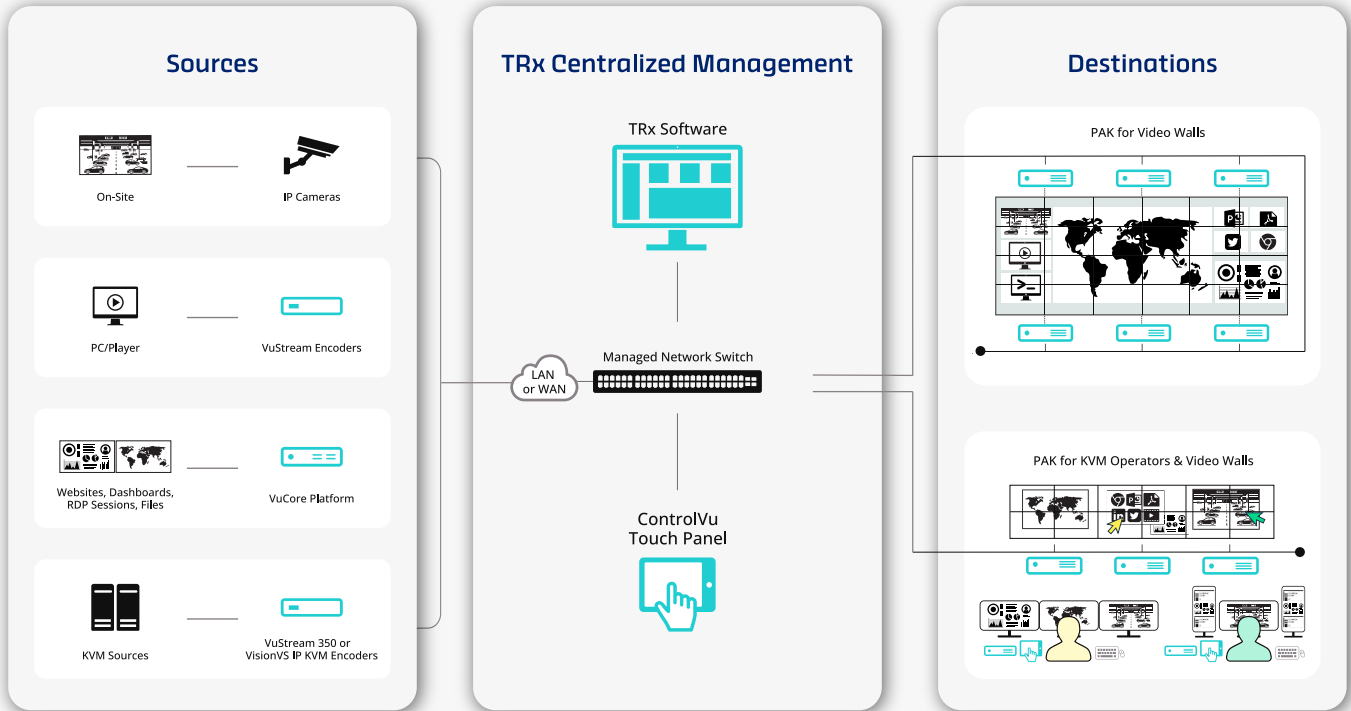
Web-based management.
No software installation required.



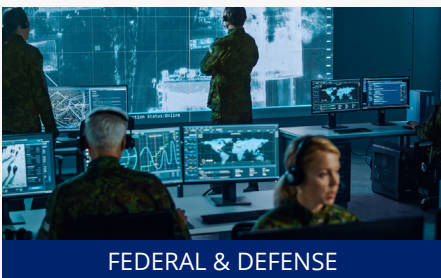
VMS Plugins

Integration with Genetec Security Center and Milestone XProtect.

TRx Workflow



Industries



TRx Centralized Management Software



Features

Web-Based Management Interface

- TRx UI accessible via standard web browser
- No need for client-side software installation

Flexible System Organization

- Single interface for organizing sources and destinations
- User-defined groups and subgroups without nesting limitations
- Drag-and-drop support for creating, restructuring, and moving items

User Rights Management

- Role-based access control for users and groups, with possible Active Directory integration
- Configurable access restrictions for sources, destinations, and organizational groups
- Granular permissions for system functions, including video, audio, and keyboard/mouse
- Permission management for presets, control panels, scripting and more (create, edit, delete)

Routing and Monitoring Interface

- Drag-and-drop interface for source-to-destination routing
- Filtering capabilities for sources and destinations
- Active preview mode for real-time video thumbnail visibility during operations

Video Wall and KVM Display Management

- Window-based interface for managing content on video walls and KVM workstations
- Sources represented as resizable and movable windows on destinations
- Freeform positioning and scaling of content on display surfaces

TRx Features

Layouts and Presets Management

- Define and save layouts with predefined source positions and sizes
- Capture and store complete routing states between sources and destinations
- Apply layouts and presets to restore display configurations and system states

Video Stream Transformation

- Cropping and zooming of video streams
- On-screen display (OSD) text overlays and configurable video borders
- Reusable templates for transformations (cropping, OSD, borders)
- Ability to apply templates to multiple sources

Carousel (Source Touring)

- Sequential display of sources within a defined window
- Configurable display duration per source
- Managed list of sources for automated cycling

Assets Configuration Workflow

- Batch configuration of multiple assets in a single process
- User-defined default settings for asset types and models
- Minimizes repetition during system setup and expansion

KVM Integration

- Integration with KVM devices for keyboard, video, mouse, and audio
- Support for private mode and USB device switching
- Using supported VuStream 350 encoders or G&D matrix systems, PCs on the network can be exposed as KVM-accessible sources

KVM User Experience and Control

- Configurable cursor appearance and sensitivity for operator preference
- Idle behavior control, including screen blur and automatic user logout after a defined inactivity period
- Support for extended control surfaces by linking operator workstations with video walls for keyboard and mouse interaction
- Dynamic window switching mode, where the active source is automatically assigned to the primary control window based on user interaction

Audio Management

- Centralized control of audio inputs and outputs for supported encoders, decoders, and network streams

VMS Plugins

- Plugin support for Genetec Security Center and Milestone XProtect
- Direct control of TRx system from VMS interfaces
- Automatic import of cameras and their hierarchy based on user authentication



Automation and Scripting

- Built-in tools to create macros and automation workflows
- Execution of sequences involving layouts, triggers, and asset control
- Integration with control interfaces such as ControlVu Touch Panels

Supported Devices and Protocols

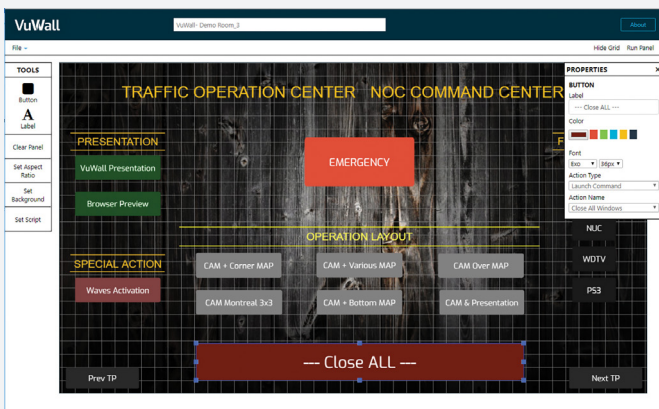
- VuWall PAK Video Wall & KVM Nodes
- VuWall VuStream AV-over-IP and IP KVM Encoders
- VuCore Services including RDP Sessions and Chromium (websites, dashboards, and PNG, JPEG, PDF files)
- G&D matrix switches: ControlCenter-Compact, ControlCenter-Digital, ControlCenter-IP & ControlCenter-IP-XS
- IP-based sources including cameras and VNC
- RTSP and MPEG-TS streams (H.264 and H.265 codecs)
- Streams coming from Genetec Security Center and Milestone XProtect ecosystems

OpenAPI

- REST API for external system integration
- Interactive documentation and sample code availability
- Compatibility with third-party control systems

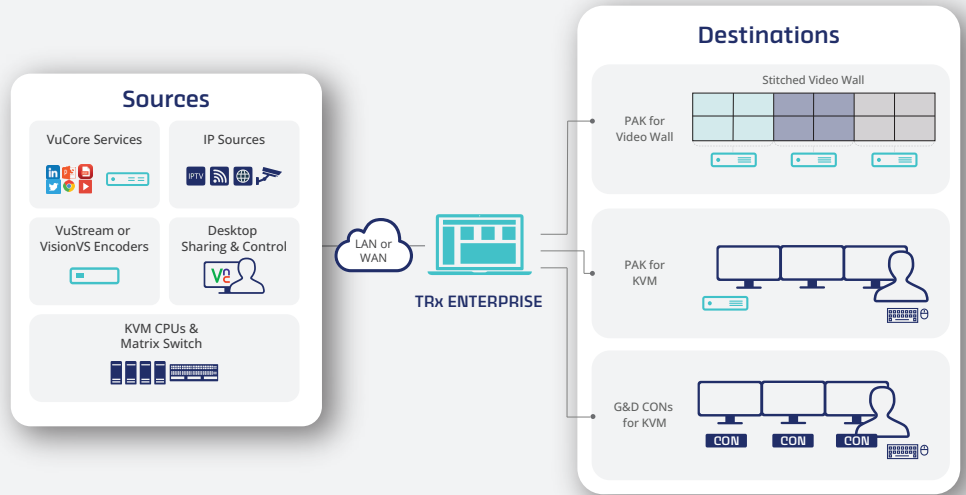
Control Panel Designer

Create a fully customized touch panel with the integrated Control Panel Designer without any programming. Each button can launch layouts, scripts, or even control external devices. Multiple panels can be created from the same interface, allowing a single administrator to design a custom panel for every operator station. Users can upload logos, images, backgrounds, and create custom buttons with a variety of shapes and colors.



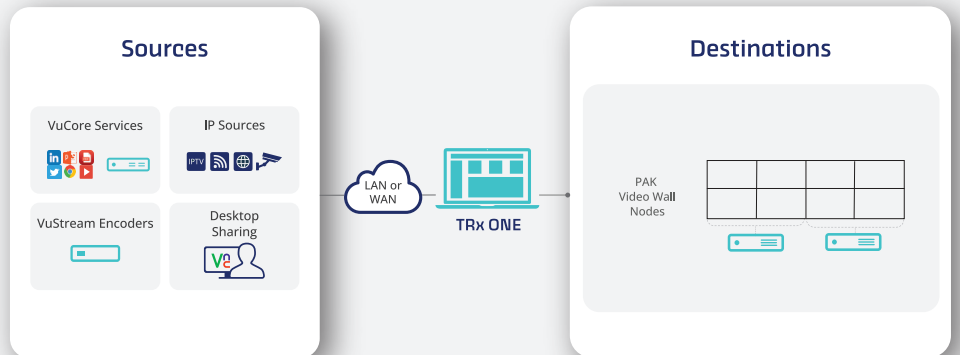
TRx ENTERPRISE

- ✓ Projects with AV distribution and one or multiple video walls
- ✓ Supports unlimited sources and destinations
- ✓ Support for KVM operations
- ✓ Support for G&D matrix switches including ControlCenter-Compact, Digital, IP and IP-XS
- ✓ Supports entire VuWall ecosystem of products



TRx ONE

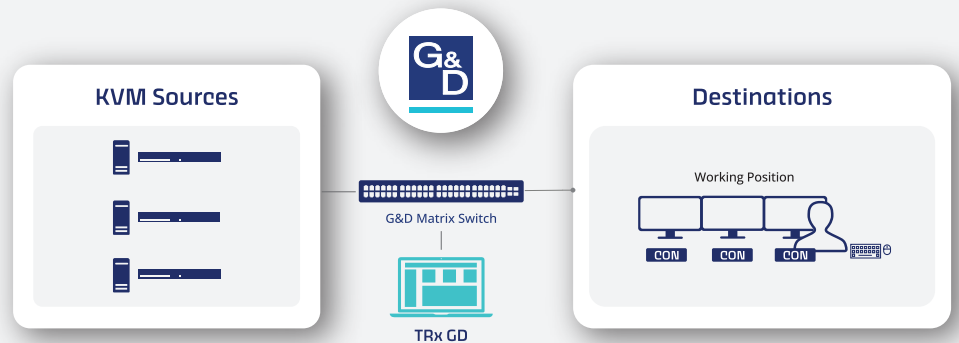
- ✓ Projects with a single video wall
- ✓ Supports single PAK video wall composed of one or multiple PAK nodes



TRx GD

Detect and route signals for the following G&D matrix switches:

- ✓ G&D ControlCenter-Compact
- ✓ G&D ControlCenter-Digital
- ✓ G&D ControlCenter-IP
- ✓ G&D ControlCenter-IP-XS



TRx Software Comparison

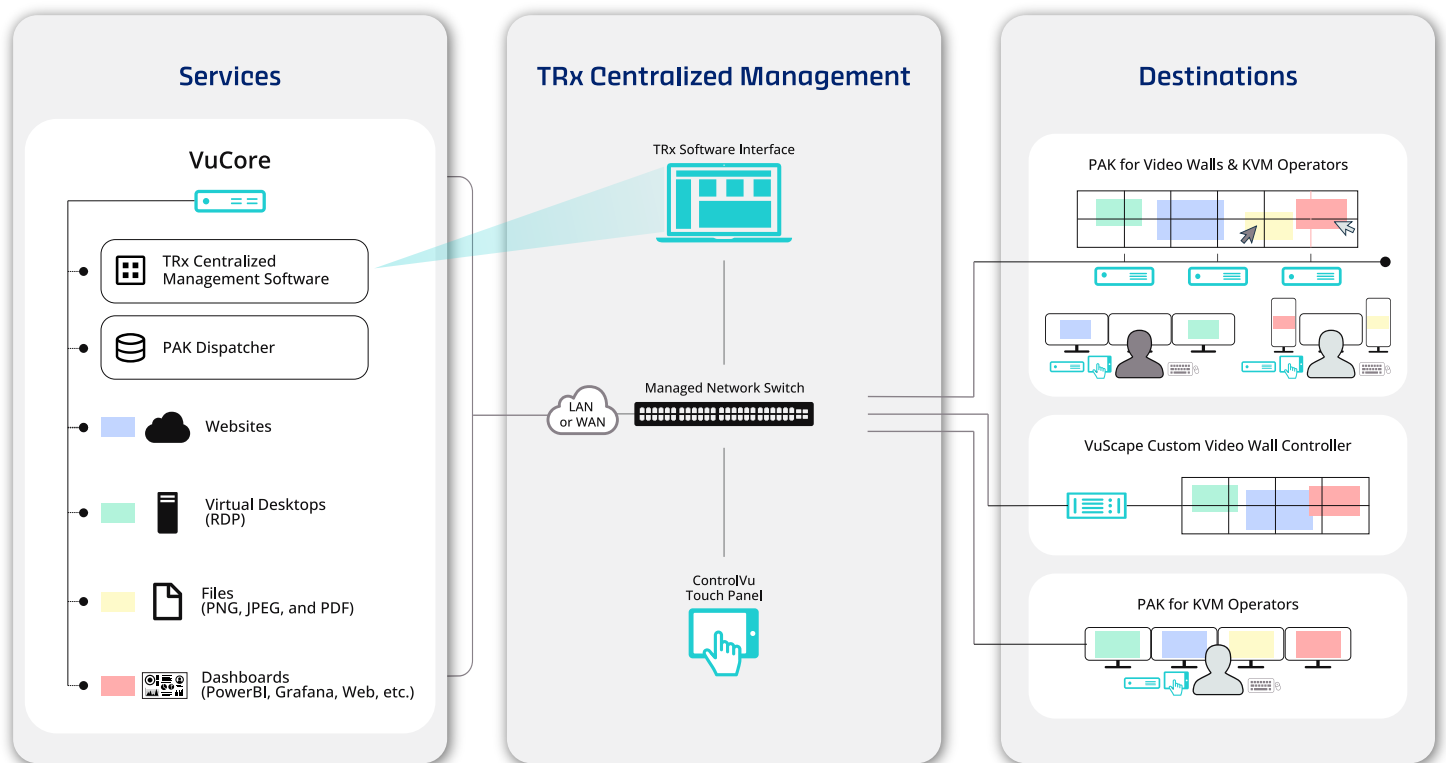
	TRx ENT	TRx ONE	TRx GD
Support			
ControlVu Touch Panels (Control Panel Designer to create custom interfaces)	○	○	○
VuStream encoders, IP cameras and 3rd party streaming devices	○	○	
G&D KVM matrix switches and VisionVS dual-encoder	○		○
PAK Video Wall & KVM Nodes	○	○	
Control and AV Management Features			
TLS 1.3 support for secured client/server communication	○	○	○
Automatic detection of encoder/decoder devices on the network	○	○	
Organize sources and destinations using a flexible group and subgroup structure	○	○	○
Filter sources and displays based on type or group	○	○	○
Layout and Preset management	○	○	○
Advanced User Profile Management with Active Directory	○	○	
Advanced Multi-Display/Multi-Resolution Management	○	○	
Sources Features			
Audio support	○	○	○
Active preview of IP sources	○	○	
Video stream transformations and templates	○	○	
Customizable carousel through different sources within a single window	○	○	
Screen & audio capture of computers, over network with 128-bit AES encryption and VNC sources (sold separately)	○	○	
Support for VuWall services (Chromium, RDP, image and file rendering) from VuCore	○	○	
Plugin to Genetec™ Security Center or Milestone XProtect® (sold separately)	○	○	
Scripting & API Features			
Control of 3 rd party devices (displays, matrix switches, alarm management, etc.) with powerful scripting module	○	○	○
REST API for 3 rd party devices (Crestron, AMX, etc.)	○	○	○
KVM Features			
Control and manage KVM devices and use them as a source	○		○
Private Mode preventing other users to access or view specified sources	○		○
Configurable cursor appearance and sensitivity	○		
Idle behavior control (screen blur and automatic user logout)	○		
Main Wall Control - Keyboard and mouse interaction across linked workstations and video walls (sold separately)	○		
Dynamic Switching Mode (automatic assignment of active source to primary control window based on user interaction)	○		

VuCore Centralized Platform

Starting with TRx version 4.0, TRx is hosted and managed by VuCore, the centralized platform for VuWall's ecosystem of visualization, control, and operational services. VuCore hosts TRx centralized management software and PAK Dispatcher, while also providing secure access to websites, dashboards, RDP sessions, and files.

Available in a compact form factor or a rackmount unit, VuCore is designed to support current and future VuWall services as control room requirements evolve. By bringing key services and sources together on one secure, scalable platform, VuCore simplifies the deployment, management, and expansion of video wall and KVM projects.

VuCore Workflow

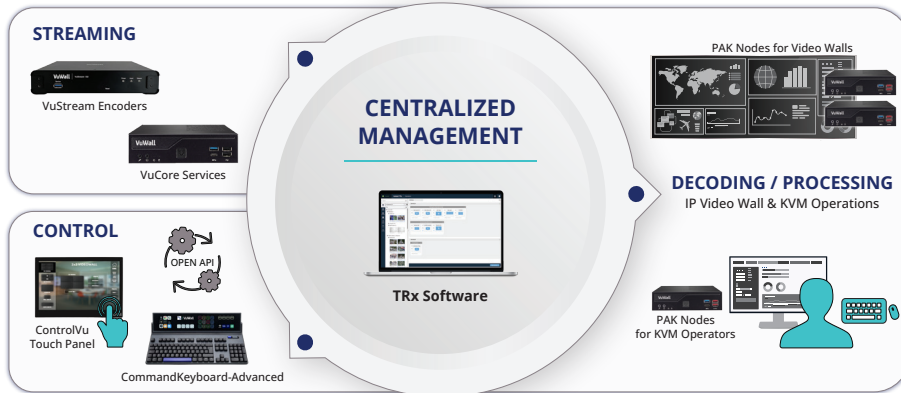


[Click here for more information about VuCore](#)

The VuWall Ecosystem

Unified Visualization for Video Wall & KVM Control

The VuWall ecosystem of interoperable products is built on a unique standards-based architecture that provides the most effective distribution of visual information, from any source to any display throughout organizations.



At the center of the ecosystem is TRx Centralized Management Software. TRx bridges AV, IT and IP systems ensuring interoperability and ease of use, simplifying AV-over-IP deployments and improving operational efficiency in control rooms.

Video Wall Management & KVM Operations Made Simple

Any Source. Any Display. One Platform.



TRx
Centralized Management



PAK
Video Wall & KVM Nodes



VuStream
Encoders



ControlVu
Touch Panels



VuScope
Custom Video Wall Controllers



VuCore
Platform for Virtual Services

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