

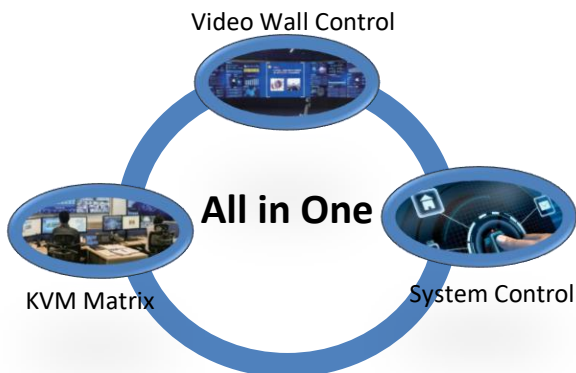
SWNet

IoT Management System



Overview

SWNet is an innovative management platform for configuring and operating multiple video walls, KVM matrix, RTSP IP streaming, encoders/decoders, and controlling 3rd party devices. SWNet simplifies the deployment of complex AV-over-IP projects, without the need for any pricy server to run it on.



Key Features

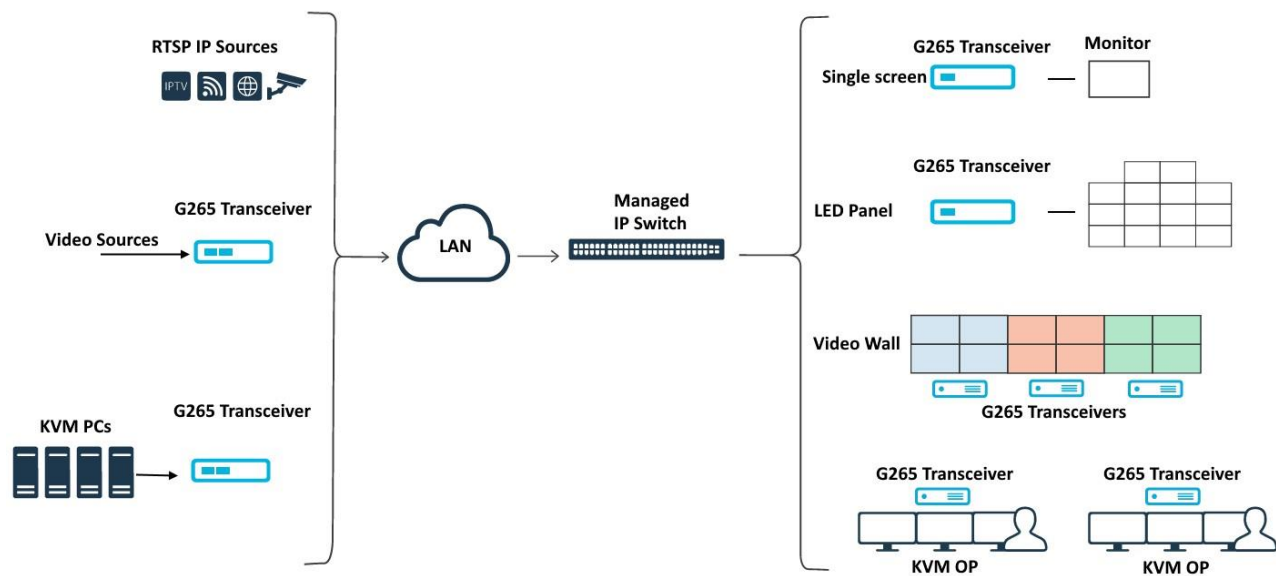
- No server needed
- A universal solution with simple installation and administration
- Supports unlimited number of endpoints
- Compatible with standard RTSP streaming
- Supports controlling 3rd party devices
- Supports multi video walls
- Supports multi-level users
- Supports move&switch between monitors on KVM
- Supports sources preview on KVM and video wall
- Supports drag & drop on KVM and video wall
- Supports push & pull between KVM stations
- Supports push & pull between KVM and video wall
- Supports marking on sources to highlight the important content
- Supports audio volume control with mouse button
- Supports KVM up to 2x4 per station
- Supports OSD
- Supports all SEADA Genesis 265 transceivers
- Supports scrolling text on video wall
- Supports customised pre-set layouts

Specifications

| | |
|-------------------------------------------|------------------------------|
| Endpoint Device Cooling | Fanless Passive Cooling |
| Power Supply | PoE or 12V DC |
| 3rd Party IP Streaming | Real Time Streaming Protocol |
| Decode Support | H.264/265 |
| API for 3rd Party Controller | Yes |
| 3rd Party Controller Protocol | UDP |
| KVM Station | Up to 2x4 |
| Minimum Network Switch Requirement | |
| Ethernet Port Speed | 1Gb/s |
| Uplink Port Speed | 10Gb/s |
| Management | Fully Managed, Layer 2 or 3 |
| IGMP Snooping | Enabled, V3 implemented |
| IGMP Snooping Querier | Enabled |
| Prompt-Leave | Enabled |
| CAT Cable | Category 6 or above |

Endpoint Models

| Models | Type | AV In | AV Out | USB Port | Audio In | Audio Out | Control |
|------------------|-------------|----------|----------|-----------|-------------|-------------|-------------|
| G265HDRT | Transceiver | 1 x HDMI | 1 x HDMI | 2 x USB A | 1 x Phoenix | 1 x Phoenix | 2 x Phoenix |
| G2654HRTF | Transceiver | 1 x HDMI | 1 x HDMI | 2 x USB A | 1 x Phoenix | 1 x Phoenix | 4 x Phoenix |



System Diagram