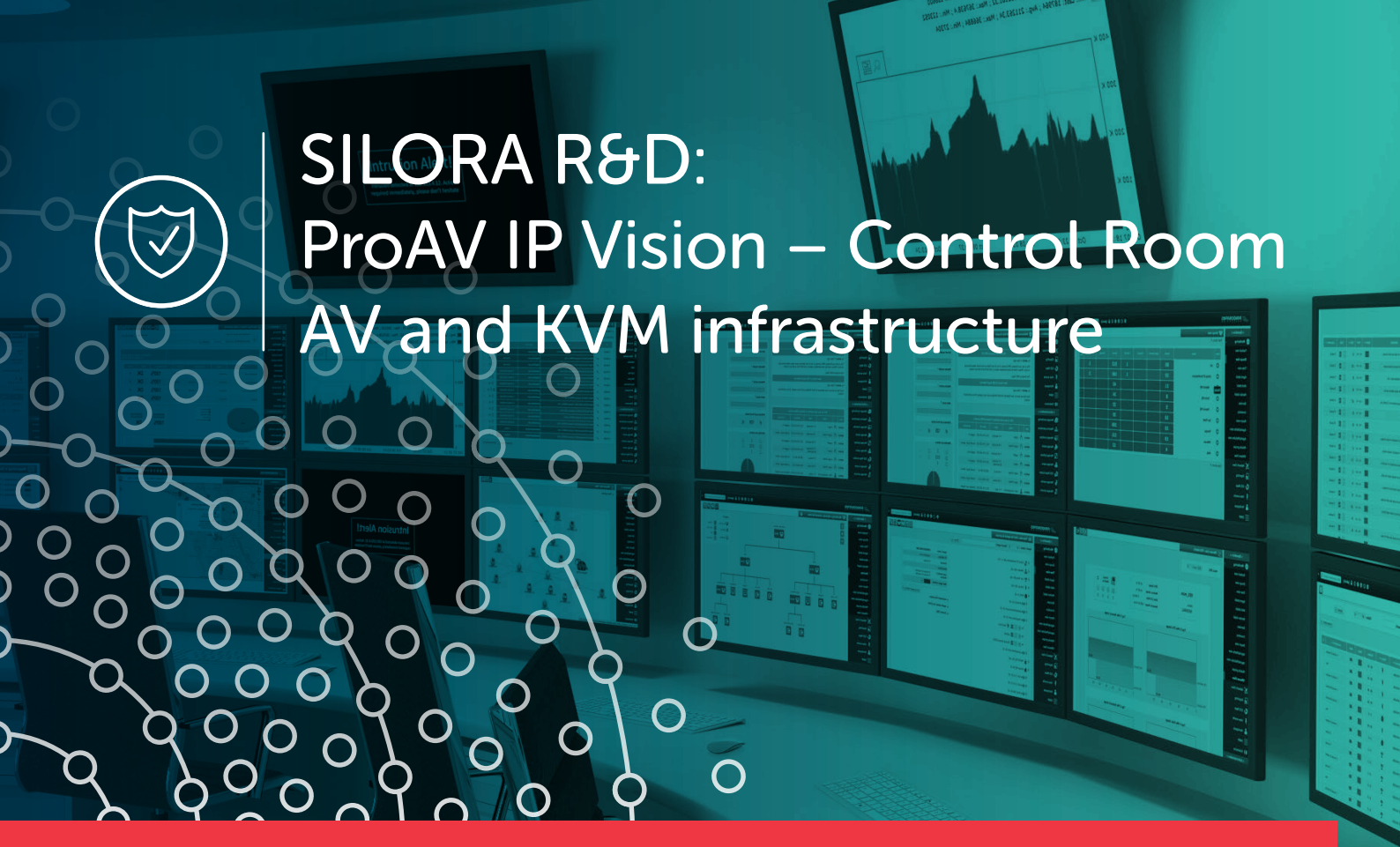




SILORA R&D: ProAV IP Vision – Control Room AV and KVM infrastructure



SILORA R&D – ProAV IP Vision Secured Solution

Control rooms with substantial numbers of display options for video sources and applications construct the reality of today's management requirements of enterprises and government organizations alike.

From small to massive control rooms, from First responders' emergency control rooms to Financial institutions call centers– all need to connect, display and manage the information they display.

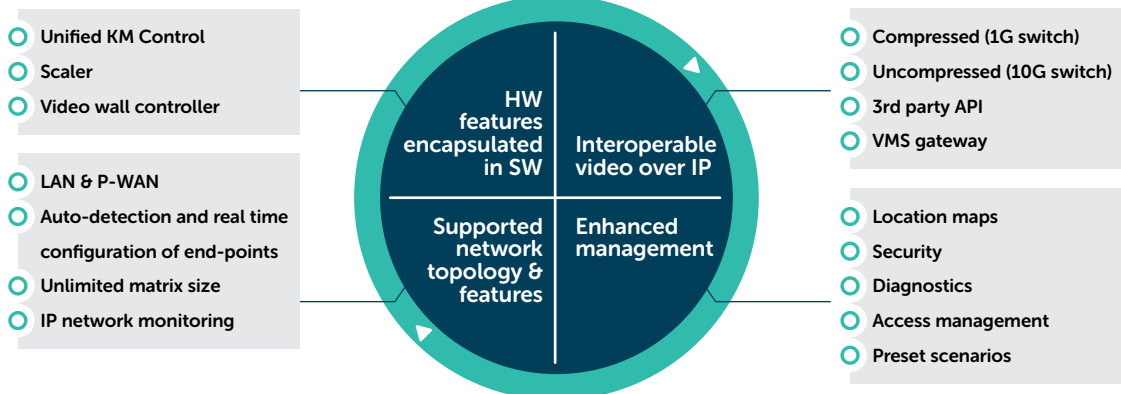
Operators need to monitor the information and act upon it in real time. To do this, control rooms' infrastructure needs to have the latest processing and display solutions. The AV and IT industries are converging, and customers are expecting open standards, clear protocols, scalability,

security, network management, centralized monitoring and maintenance capabilities.

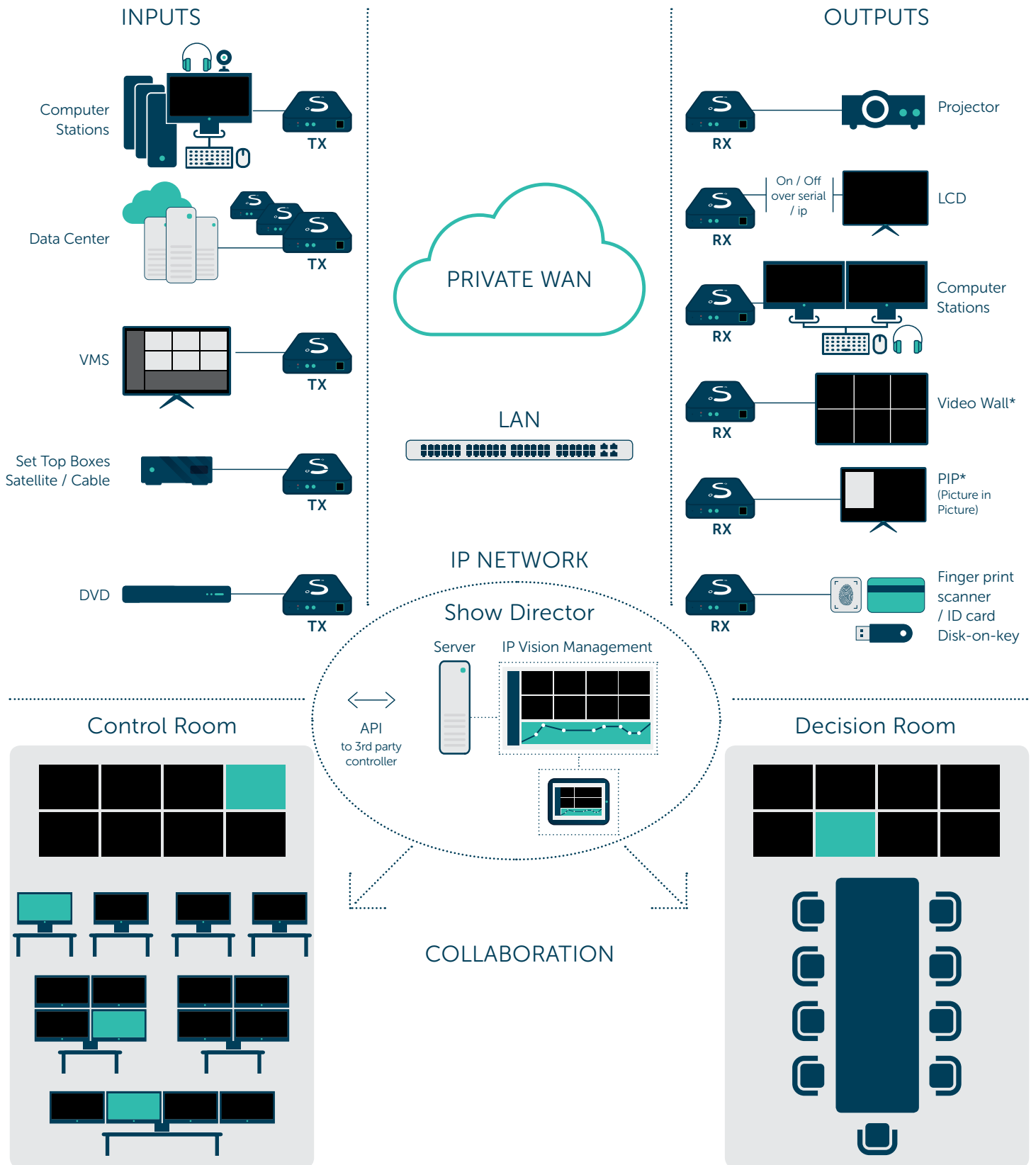
SILORA R&D introduces its innovative ProAV IP Vision secured system. The ProAV IP Matrix and Management system is designed to manage complex and changing video and data display scenarios.

Our ProAV IP Vision solution includes an advanced management interface that monitors and controls end units in real-time, enables management of media, such as Audio, Video and USB and setting it up in a multicast / unicast IP Matrix that turns into the AV and KVM Computing infrastructure for control rooms.

ProAV IP Vision – Comprehensive Offering



SILORA R&D ProAV IP Vision Solution was developed for new leading control rooms with support for the latest ProAV technologies. Repeatedly customers affirm that system performance in real-time conditions is exemplary. In addition, the built-in operational features make the control room easy to monitor, scale up or down, change and update.



SILORA R&D ProAV IP Vision Solution is a market leader of advanced IP matrices. Our solution has been deployed to manage thousands of ports. Our customers testify that our technology offers the best latency, switching time and performance for compressed video.

Functional Features



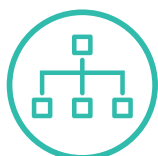
Intelligent Routing

Intelligent routing enables intuitive large-scale matrix management. The simple click to route feature facilitates setup of many to many ports and group management.



Access Management Module

A complete access management module supports the ability to grant different access levels to stakeholders such as operators, supervisors and senior decision makers. This enables them to manage specific scenarios, routing & locations facilitating fast decision making.



Show Director

Schematic diagrams of the actual site enable easy and intuitive control. Routing is simple and can create local operator scenarios and preset scenarios that enable quick incident control changes.



Quality of Service Control

QoS enables video quality level control (3 levels). In addition, upscaling and downscaling of video resolution is automatically attained.



Unified Keyboard Mouse Control

Control several sources with one set of keyboard mouse, configured by software (no additional hardware required).



Video wall

Intuitive and simple video wall control using the IP Vision management system.

Operational Features



Unit Monitoring Capabilities

Includes auto detection and real-time management. In a simple and quick approach, units are set up and configured once they are connected. Content flow is monitored automatically and software upgrades are centrally managed via VMSC-2000. Units can be monitored from initialization to replacement.



Network Capabilities

Switch simulations provide maximum flexibility and port visibility. IP Vision Director can quickly identify if an endpoint is not functioning. Radius server integration and DNS are supported. Both LAN and Private WAN network topologies are supported.



System Log Capabilities

The system includes complete log management. Everyday operational faults are identified by unique colors that make them easier to spot. A flexible log storage duration time can be set up through the management system.



Built in Redundancy

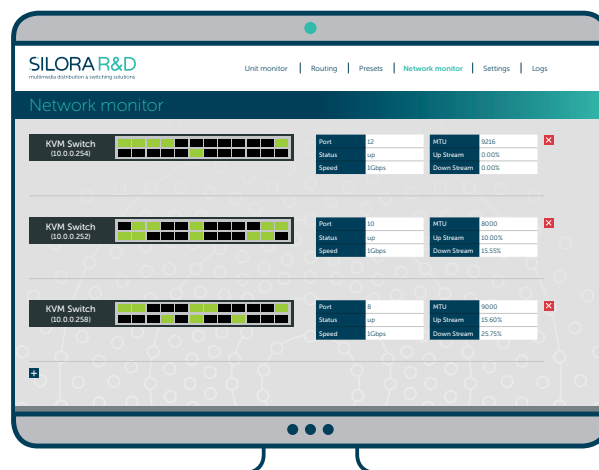
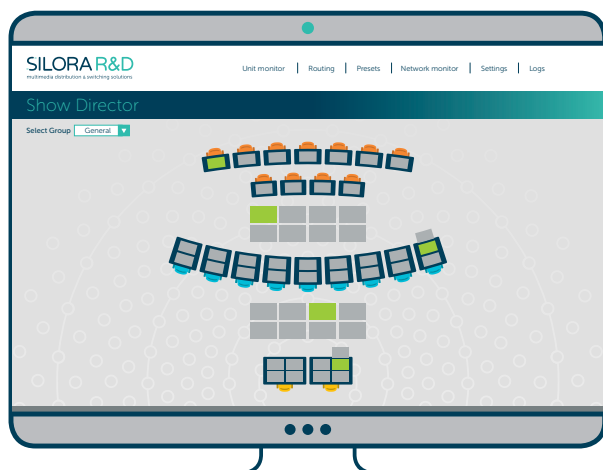
Redundancy was built to ensure failsafe video delivery. Video will stream regardless of unexpected failures in the management system. Configurations of server masters-slaves are supported. NIP, Network connections and power supply are dual.



Security

The IP Vision management security overlay includes VLANs support, event-based hierarchical alert modes, configurable access levels & permissions (admin, super-user, user, etc.), and group access levels. Support for restricted and secured locations, SSL, HTTPS, unit to management authentication, AAA/LDAP integration, USB control for HID and more.

SILORA R&D ProAV IP Vision Director user interface is easily viewed and monitored from any browser. The software clearly demonstrates the input and output of multimedia in the virtual matrix in context to the actual physical room\screen layout and allows for easy and intuitive changes in configuration, monitoring and troubleshooting. It provides analysis and full diagnostics of fault management reports. All features are also available through a rich API that enables connectivity to 3rd party controllers and video management systems.



model#	Type	Video Interface	Stereo Audio 3.5 Jack	NW Interface	USB Ports	RS-232	Scaler	Lite KM	Auto Discovery by VMSC	Local Loop	Power Supply	Dimensions
KL11V-S	KVM oIP Tx	1xVGA	1	Copper	1				✓		9VDC/2A	118mm(W) x 132mm(D)
KL11V-R	KVM oIP Rx	1xVGA	2	Copper	4				✓		9VDC/2A	118mm(W) x 132mm(D)
KL11D-S	KVM oIP Tx	1xDVI	1	Copper	1				✓		9VDC/2A	118mm(W) x 132mm(D)
KL11D-R	KVM oIP Rx	1xDVI	2	Copper	4	✓			✓		9VDC/2A	118mm(W) x 132mm(D)
KL11H-S	KVM oIP Tx	1xHDMI	1	Copper	1				✓		9VDC/2A	118mm(W) x 132mm(D)
KL11H-R	KVM oIP Rx	1xHDMI	2	Copper	4	✓			✓		9VDC/2A	118mm(W) x 132mm(D)
VL11H-FOS	AV oIP Tx	1xHDMI	1	Fiber	N/a			N/a	✓	✓	9VDC/2A	120mm(W) x 202mm(L)
VL11H-FOR(SC)	AV oIP Rx	1xHDMI	1	Fiber	N/a	✓	✓	N/a	✓		9VDC/2A	134mm(W) x 202mm(L)
SRD-IP2K-H11S	KVM oIP Tx	1xHDMI	1	Copper	2			✓	✓	✓	12VDC/5A	134mm(W) x 202mm(L)
SRD-IP2K-H11R	KVM oIP Rx	1xHDMI	1	Copper	4	✓		✓	✓		12VDC/6A	142mm(W) x 202mm(L)
SRD-IP2K-H11R(SC)	KVM oIP Rx	1xHDMI	1	Copper	4	✓	✓	✓	✓		12VDC/6A	142mm(W) x 202mm(L)
SRD-IP4K-H11S*	KVM oIP Tx	2xHDMI, 1xDVI	1	Copper/Fiber	2			✓	✓	✓	12VDC/5A	142mm(W) x 202mm(L)
SRD-IP4K-H11R*	KVM oIP Rx	2xHDMI, 1xDVI	1	Copper/Fiber	4	✓		✓	✓		12VDC/6A	142mm(W) x 202mm(L)
VMCS2000	Management system limited to up to 40 matrix feeds.											
VMCS2000S	Management system with unlimited matrix feeds											
SRD-2K-Shelf	A shelf to mount Tx in 19inch rack											

*Coming soon