



SMP

SYSTEM MANAGEMENT PORTFOLIO

DEPLOY, MONITOR, MANAGE AND SECURE

Thinklogical's System Management Portfolio (SMP) is an integrated software and operational platform for configuring, monitoring, and managing video distribution, KVM extension, and switching systems.

SMP combines centralized configuration, real-time control, and user-based access within an intuitive graphical workspace, enabling flexible operational workflows across environments of varying scale.

One Platform. Centralized Control and Visibility.

SMP is designed for rapid deployment and flexible integration across different infrastructure environments. It requires no custom programming, allowing administrators to configure and manage systems quickly through an intuitive interface.

It supports Appliance, Module, and ICT deployments, enabling consistent system management across installation types and allowing systems to expand or change without additional development effort.

SMP improves overall operational performance and value by reducing support effort, lowering total cost of ownership, enhancing productivity, and supporting system uptime.

SECURITY LEVELS

SMP supports configurable Security Levels that control which sources and destinations can connect.

Levels can be assigned by room or destination and enforced automatically, supporting authorized connection policies.

Ensures operators only see and access the sources relevant to their role, reducing unauthorized connection risks in multi-user or multi-classification environments.

DYNAMIC SYSTEM MANAGEMENT

Systems can be updated dynamically - sources and destinations can be added, removed, or reassigned without physical infrastructure changes.

Allows administrators to quickly adapt to changing operational needs - such as adding new sources.

RESOURCE POOLING & SECURE SHARING

SMP reduces hardware requirements by enabling shared access to shared resources.

Sources can be pooled, published, and assigned to users as needed through a controlled check-in/check-out workflow.

- Reserve sources for exclusive use
- Return resources to the pool after use
- System reminders for proper log-out
- Flag and isolate failed devices

Enables teams to share high-value system resources across users and locations, reducing the need for dedicated hardware while maintaining controlled access.

USER-BASED INTERFACE & ASSET VISIBILITY

SMP provides a personalized workspace tailored to each operator.

The On-Screen Display (OSD) and Touch Panels show only authorized sources, destinations, and displays—ensuring clarity, security, and ease of use.

Gives each operator a simplified, role-specific view of the system, making it easy to locate and manage only the resources they need.

INTERFACE, CONTROL & SYSTEM TOOLS

Intuitive tools for controlling, configuring, and interacting with system resources. These features are designed to simplify operation, improve efficiency, and give users flexible control over platform behavior.

DRAG & DROP CONTROL

The drag-and-drop interface allows users to visualize operational workflows and route sources to destinations intuitively. This graphical approach simplifies switching, reduces operator training, and provides a clear view of active routing activity. Ideal for live operations and troubleshooting, allowing rapid routing changes without navigating complex menus.

- Graphical and tabular views
- Infrastructure visualization
- Zoom controls and auto-fit views



CONFIGURATION & SYSTEM MANAGEMENT

A spreadsheet-based interface using station files simplifies setup and system updates, allowing administrators to define users, groups, stations, pools, macros, and port mappings from a single view.

This approach streamlines system configuration and ongoing changes, reducing administrative effort and minimizing configuration errors.

- Fast system configuration and updates
- Easy creation and modification of sources and destinations
- Redundant system management with automatic synchronization and failover
- Advanced tie-line management with bidirectional flexibility

COLLABORATION & CONTROL

Custom Hot Keys

Trigger routing changes directly from the desktop using user-defined keystrokes.

Collaboration

Multiple users can share and control sources across locations, improving workflow efficiency.

INTEGRATION & DISPLAY TOOLS

API Support

Enables integration with third-party AV control systems.

Text Overlay

Displays customizable on-screen labels for clear source identification.

Allows operators to quickly identify active sources or destinations on each display, reducing confusion and reducing switching errors. Can also be used to display additional context such as system roles or classification labels where needed.



DYNAMIC INTERFACE (TAGS & MACROS)

Operators can organize and control systems using tags, filters, and macros, allowing the workspace to adapt to specific workflows and operational needs.

- Tag and filter sources for faster navigation
- Create macros for repeatable actions
- Adjust views dynamically based on operational requirements

Helps operators organize systems around specific tasks, teams, or workflows, with tagging and macros enabling selective sharing of resources and more efficient control.

PLATFORM ADVANTAGES

- Centralized control across all system components
- Minimizes custom programming requirements
- Supports multiple hardware platforms (Appliance, Module, ICT)
- Scales easily to large and complex deployments
- Reduces hardware needs through resource pooling

OPERATIONAL BENEFITS

- Faster deployment and simplified maintenance
- Reduced training through an intuitive interface
- Improved productivity and workflow efficiency
- Enhanced system security and access control
- Seamless multi-system control using a single keyboard and mouse