Samsung MagicInfo VideoWall Edition

A cost-effective solution for capturing and managing viewer attention

Highlights

- Schedule and play videos, images, live camera shots and more from a single interface
- Control large, impactful video walls with drag-and-drop content management
- Lower cost of ownership with consolidated digital signage asset control
- Display multimedia files with the MagicInfo® VideoWall S Player
- Play more complex multimedia by upgrading to the full controllability of MagicInfo VideoWall i Player

Figure 1. Samsung MagicInfo VideoWall Edition provides end-to-end content management for various business requirements.

Build innovative video walls with a simplified interface

Digital messages on LED large format displays (LFDs) can transform customer experience. With new advances in multimedia creation and delivery, organizations can extend messaging onto majestic video walls that engage audiences with high-definition (HD) picture quality.

Samsung MagicInfo VideoWall Edition is a software solution that provides all the tools necessary to publish appealing content on a Samsung LFD video wall. Images, movies, PC screens and Internet Protocol (IP) camera inputs can appear across as many as 250 LFD units per console without losing HD picture quality. Devices, applications and content are managed through one intuitive interface.
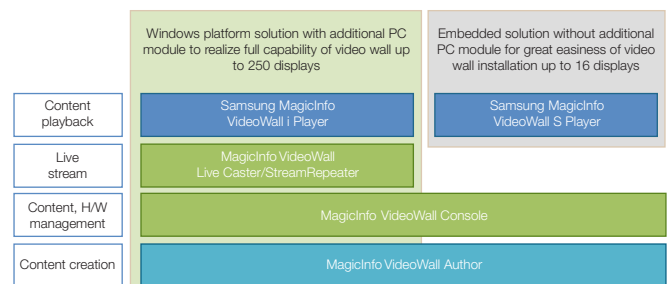
Manage content efficiently with seamless administration of software components

Advanced management and administration tools help organizations seamlessly manage large-scale digital signage infrastructures. The MagicInfo VideoWall Edition application consists of four major software components that reduce complexity and labor, including:

- MagicInfo VideoWall Author, for creating video wall content
- MagicInfo VideoWall Console, for managing schedules and playlists
- MagicInfo VideoWall Live Caster, for broadcasting up-to-the-minute action and live streams
- MagicInfo VideoWall Player, for synchronizing devices and playback.

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Customized solution for different business requirements

Project multimedia and live-camera images from multiple sources

MagicInfo VideoWall Edition technology can deliver traditional media, multimedia and PC content, including movies, pictures, video, live camera shots and more.

Information housed in the MagicInfo Premium Server or a LAN can be combined and displayed. Content can be scheduled, shuffled and played on programs timed down to a specific second, hour, day, week or year.

Figure 2. Various types of media, PC screen and live camera can be displayed on VideoWall.

Organizations can create dynamic video-wall designs with up to 250 Samsung LFD units per console arranged horizontally, vertically or in combination. Flexible display positioning enables businesses to project vibrant full high-definition (FHD) videos, live stream images and PC screens onto LFDs of various sizes. Included MagicInfo Live Caster technology enables broadcasting from live PC screens, and MagicInfo StreamRepeater enables Samsung IP cameras to broadcast at the rate of 20 frames per second (f/s).

Control how content is displayed on video walls

With MagicInfo VideoWall Edition, an organization can display content from multiple peripheral screens simultaneously in real time. Live images from PCs or Samsung IP cameras can be displayed alongside preloaded pictures and video clips, or combined together. The result is flexible content options that help delight viewers and hold their attention.

Figure 3. Content from multiple peripheral screens can be displayed simultaneously in real time.

Custom configuration enables businesses to create unique, striking video-wall shapes remotely. Content can be updated, positioned, edited and resized in real time. Different resolutions can be displayed at the same time, and the zoom feature provides even greater visual impact.
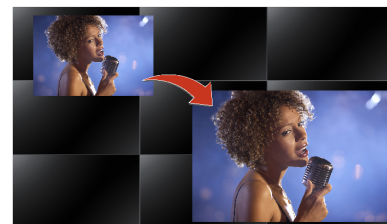

Figure 4. Content can be updated, positioned and resized in real time.

The application's centralized remote control enables administrators to customize video walls screen by screen. Individual LFDs can be turned, pivoted and moved to create unique designs. Any Samsung LFD, regardless of model, size, resolution or bezel width, can be included in video wall configurations.

Optimize displays based on company needs with an embedded solution

Businesses that adopt MagicInfo VideoWall Edition can choose one of two media players. MagicInfo VideoWall i Player offers high-definition content capability by connecting to LFDs through an additional Setback Box (SBB) or Plug-in Module (PIM). For businesses that regularly display less complex media files, MagicInfo VideoWall S Player can help reduce hardware costs with embedded System on Chip (SoC) technology. LFDs with SoC technology do not

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require an additional SBB or PIM to play content from the MagicInfo VideoWall Console. MagicInfo VideoWall S Player provides a cost-effective solution for businesses that do not need to display large multimedia files with complex content.

With MagicInfo VideoWall Edition, companies can customize content display with one of two media players.

Figure 6. Samsung MagicInfo VideoWall can present high-impact content across as many as 250 LFD units.

Functionality comparison

Model		MagicInfo VideoWall S Player	MagicInfo VideoWall i Player
Content	Video	Yes	
	Image	Yes	
	Art wall	Parallel, vertical	Parallel, vertical, diagonal
	Camera	Not available	IP camera, USB camera (capture card)
	Stream content	Not available	RTP (Mpeg2-Ts)
	Matrix switcher	Not available	Yes
	PC screen	Not available	Full or part of the screen
	Scroll text	Yes	
Layout	Content layout	Not available	Change and apply
	H-Scanning frequency		Zoom in and out, Fade in and out
	V-Scanning frequency		Edit and shift scene
	Display layout	Free type	
Control	Remote control	Power on and off, display control	
		Remote update, system monitoring	
		Job schedule (system control only)	Job schedule, virtual network computing (VNC)
	Content schedule	Schedule and reservation	
Network		Max 16 per console	Max 250 per console
Codec	Video	Mpeg1, 2	Supports pre-installed codecs and all the user-downloadable codecs. MagicInfo i Player shows the best performance with MPEG2 (MPEG-TS) and WMV codec.
		Mp4 SP, ASP	
		DIVX 3.11, 4.x, 5.x, 6.x	
		H.264 BP, MP, HP	
		MJPEG	
		WMV9	
		VP6	
		MVC	

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For more information

For more information about Samsung MagicInfo VideoWall Edition, visit www.samsunglfd.com.

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