About Samsung

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions. For the latest news, please visit the Samsung Newsroom at http://news.samsung.com.

For more information

For more information about Samsung Interactive Display, SMART LED Signage, SMART Signage, and Business Monitor, visit www.samsung.com/business or www.samsung.com/displaysolutions

Samsung
Retail Display Solutions

Reinventing the shopping experience through state-of-the-art technology

SMART Signage | LED Signage | MagicINFO Solution

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Improving the Modern Shopping Experience

The shopping experience has evolved through the years, becoming mostly online transactions as opposed to in-store shopping. Although buying online is convenient, the instant satisfaction of purchasing something in the store is missing, as well as the face-to-face interactions with store associates. To make the most of this customer experience, Samsung has created digital signage to further the buying experience by engaging customers visually and providing additional information to the customer. This new technology will enhance the customer's satisfaction during their in-store shopping journey, bringing the customers back to the store for future shopping.

SMART Attraction

A store's external signage must be inviting, distinctive and interesting for shoppers to engage in a shopping experience at their store. Stores are assured of unique digital signage by utilizing Samsung's displays customization features. Digital signage also sets the tone of the store, allowing customers to understand the type of store they are entering before walking in.

SMART Promotion

Retailers are continually trying to find ways to provide customers with information while they are in-store as well as offering them promotions they can use while shopping. Samsung's outdoor or semi-outdoor display and QLED signage have the ability to deliver a wide-range of information to customers during a shopping experience.

SMART Information

Delivering product information to customers, increasing their knowledge of products and services while shopping, is something retailers struggle with often. Samsung's digital signage is a perfect way to increase shoppers' knowledge of products and provide helpful reviews to use during the buying process. Digital signage also helps shoppers navigate easily throughout the shopping mall.

SMART Management

Creating and updating content across an entire network or a single display are tasks that retail owners oversee. Samsung's MagicINFO Solution is a hardware content management platform that gives users the ability to connect to their signage at all times, regardless of their location. Users can also monitor displays remotely and adjust security settings based on the company's policy.

SMART Attraction → SMART Promotion → SMART Information → SMART Management → Consumer Satisfaction
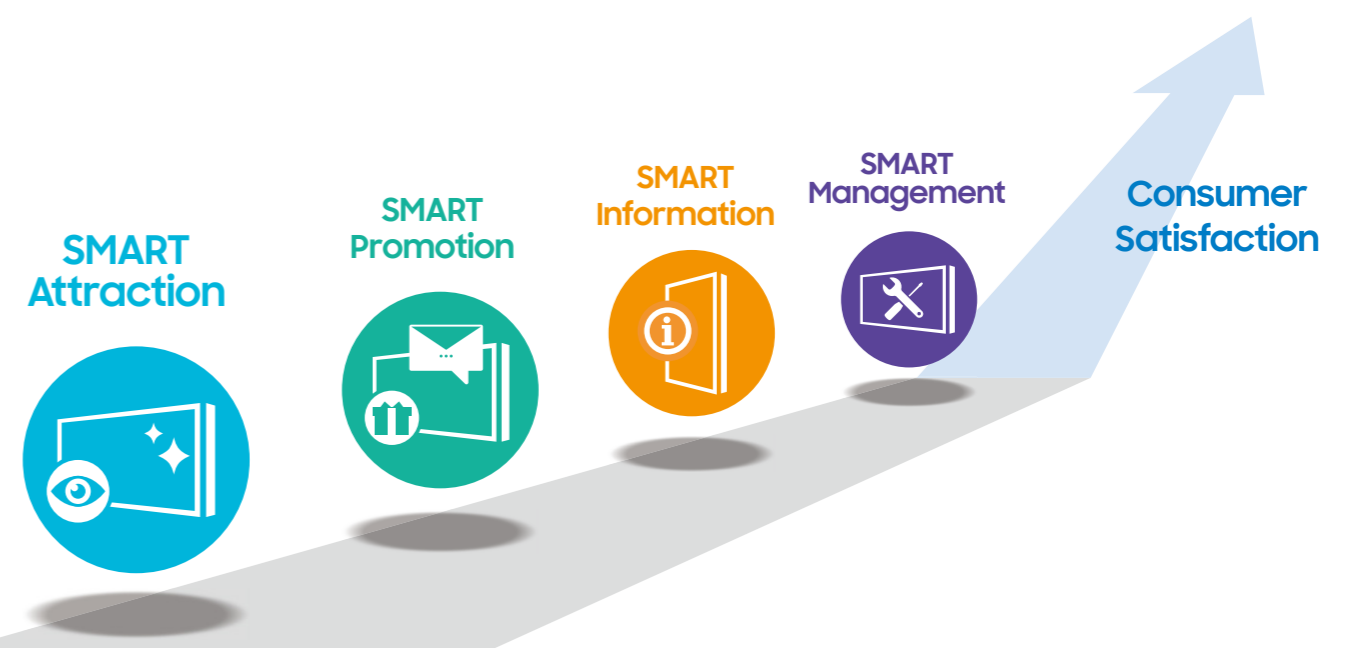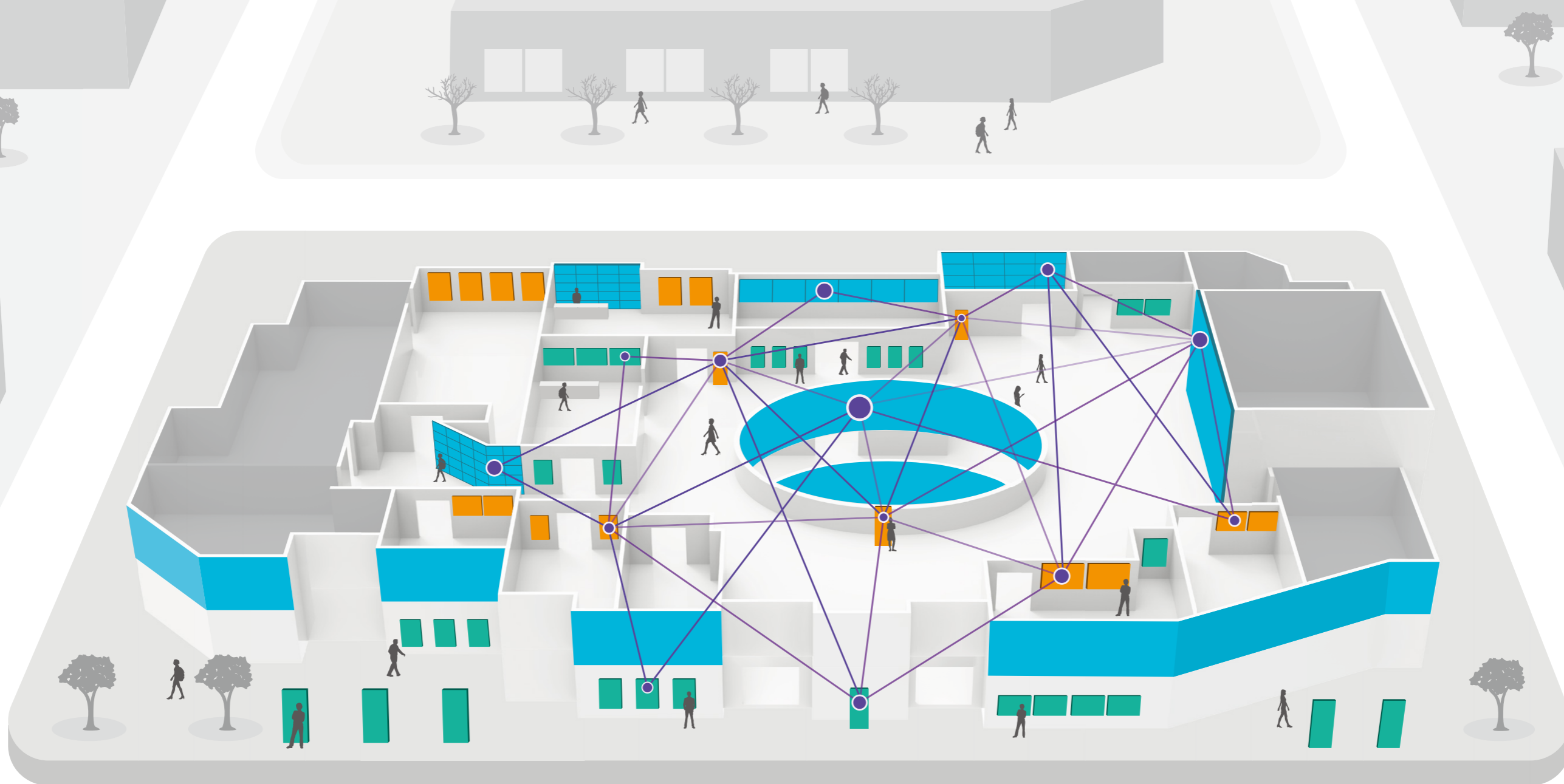
What samsung offers

Samsung used their expertise to create a way for businesses to display their content in an easy to use, state-of-the-art manner. Looking at lifestyle displays, Samsung identified four ways for identifying these needs with their SMART technology. Recognizing that consumers want to be visually stimulated as well as educated during a shopping experience, Samsung created SMART Attraction, SMART Promotion and SMART Information displays. To meet business's needs, Samsung created or SMART Management technology that allows a user to connect to a display at all times.

SMART Attraction

Outdoor LED Signage

Indoor LED Signage

Video Wall Display

SMART Promotion

QLED Signage

Outdoor Signage

Semi-Outdoor Signage

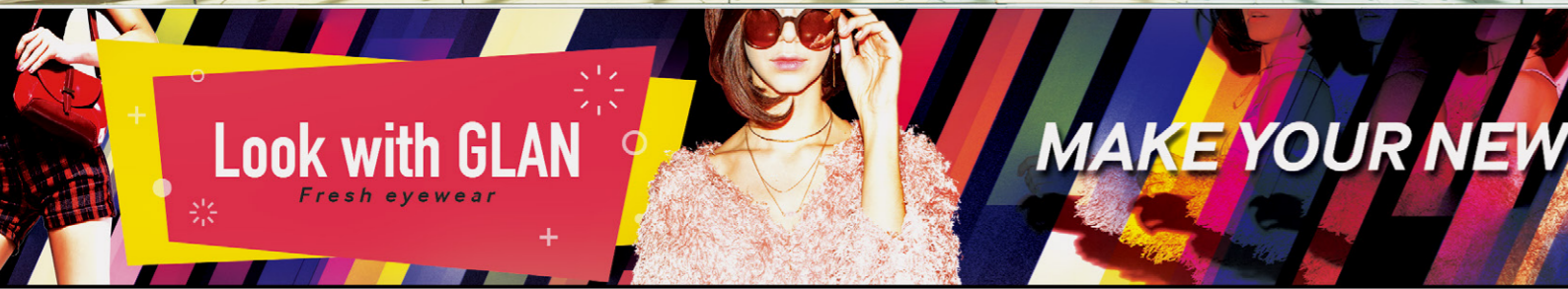## SMART Information

Interactive Display

UHD Signage

FHD Signage

SMART Management

MagicINFO Solution

SMART Attraction
Automatically captivating a shopper's attention with unforgettable messaging

Indoor LED signage: IF series

Showcase brilliant true-to-life imagery

Through in-depth color management, Samsung's IF series has the ability to preserve constant graduation of images, ensuring pictures are true-to-life. The display uses technology that is nearly twice as high as the standard LED, showcasing brand information and advertisement brilliantly. The IF series contains dynamic peaking technology that elevates images while removing interference from natural lighting.

| HDR | Dynamic Peaking | Color Management | Fine-tune Uniformity |

A clean, hassle-free installation

A hook-based design allows IF Series to be mount screens in a single, smooth motion. This seamless installation eliminates gaps while keeping all front and rear components visible and accessible for quick-turn maintenance. The IF Series' compact, durable design also can withstand damage from natural events as strong as a Level 4 earthquake, while also meeting Americans with Disabilities Act (ADA) protrusion regulations.

| Direct Mount Kit | Catwalk Space free | Advanced Design | Earthquake Durability |

Outdoor LED signage: XPE series

Superior image quality regardless of conditions

Samsung's XPE series LED signage delivers excellent image quality that captures audience eyes even in challenging environments. Through two-step in-depth calibration, enhanced image processing and an industry-best contrast ratio, the displays deliver accurate and consistent color quality content with a high rate. The XPE series also is equipped to deter light interference, and produce bright images regardless of conditions.

| High Refresh Rate | High Brightness | Superior Contrast | Two-step Calibration |

High reliability with proactive expert support

Each XPE series signage undergoes rigorous environmental testing to ensure uninterrupted performance. C3 Contamination and Ionograph testing deters circuit contamination. Complementary Climate and Humidity and Salt Fog Chamber exposure additionally ensures performance in variable weather conditions and wet and corrosive elements. Samsung makes the easy outdoor signage experience, providing round-the-clock service.

| IP65 | Corrosion Proof | Deformation Proof | End-to-end Project Management |

Video wall display: signage: UHF-E, VMR-U, UHF5 series

Deeper visual impact with thin bezel

Samsung created the extreme narrow bezel video wall to be a robust display that is impactful but not intrusive. The wall has a 1.7mm bezel-to-bezel width that yields a seamless picture across multiple screens, and is configured to the user's needs without being bulky. Samsung's video wall is a non-glare display that distributes light through the screen, while preserving the vivid pictures and original information.

| Narrow Bezel | Non Glare | Enhanced Uniformity | High Contrast Ratio |

Securely stabilized in any configuration

Building a visually appealing video wall that is customizable allows users freedom to design a distinctive display that is exclusive to them. The video wall attaches to a surface with wall mounts sized to dimensions of the video and hidden with no distractions. An easy to understand installation guide elevates steps during installation. User-friendly design and wall mounts allow for more precision video wall that performs.
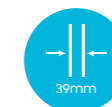
| Fine adjustment | Slim depth | Easy Installation | 24/7 |

SMART Promotion

Delivering exciting content consumers will remember

QLED 8K signage: QPR-8K series

Spectacular 33-million-pixel resolution

Samsung QLED 8K offers ground-breaking, super-high resolution, 4 times higher than 4K UHD content and 16 times higher than FHD. With more than 33 million pixels, QLED 8K provides exceptional depth and detail, resulting in a spectacularly immersive viewing experience in any business environment.

8K resolution	100% Color Volume	Peak Brightness	Quantum HDR

8K AI upscaling

QLED's Quantum processor 8K uses AI-powered machine learning to compare data from millions of images to reduce noise and refine details, delivering clearer picture, improved resolution and a memorable viewing experience in stunning detail, regardless of the original source quality or format.

AI upscaling	Quantum Processor 8K	8K-support SSSP	8K-support HDMI

Outdoor signage: OHF / OHN / OHN-D series

Conventional   OHF

Unsurpassable visibility

Samsung's outdoor signage allows for exceptional, consistent content delivery with maximum 3,300 nit brightness* and 24/7 performance for outdoor display at airport. With a built-in dimming sensor, the display automatically adjusts the brightness based on the external lighting environment, saving operating expenses and power consumption.

* Brightness varies by model.

High Visibility	Dimming Sensor	24/7 Operation	Embedded Media Player

Resistant to outdoor elements

Samsung outdoor signage is verified to perform in outdoor settings. IP56-rated protection** ensures the signage will withstand physical impact as well as dust***, humidity or other outdoor elements that could affect the display.

** Additional glass needed for kit type.
*** Ingress of dust is not entirely prevented, but will not accumulate in suffi cient quantities to interfere with the satisfactory operation of the equipment.

High Durability	Weather Proof	IP56 Certification	Magic Protection Glass

Semi-outdoor signage: OMN / OMN-D series

Conventional   Samsung OMN/OMN-D series

Brilliant presentation for all

Unlike conventional digital signage, the OMN Series delivers content that stands out, regardless of outdoor elements. Featuring 4,000 nit brightness and a high contrast ratio up to 5,000:1*, the OMN Series' display remains bright and clear, delivering an uncompromised picture that will capture the attention of potential customers - even in direct sunlight.

* Contrast ratio varies by model.

High Brightness	High Contrast Ratio	Polarized Sunglass Support	Resistant to direct sunlight

Modernize space with slim design

Through innovative design, the OMN Series delivers real-to-life pictures with a remarkably slim 54.5mm depth. Its compact size makes the display a natural extension of the store, as opposed to an addition that ties up valuable space. It also gives retailers greater flexibility in storefront design. Meanwhile, customers remain focused on rich, engaging content on a sleek, sophisticated display and won't be distracted by a bulky display.

* "Conventional" refers to Samsung's OMD-W series.

Slim Design	No Cord Clutter	Energy Efficiency	Dual Display

SMART Information
Customized, detailed content delivered clear and effectively

Interactive display : PMF-BC series

Comfortable, multi-point capacitive touch communication

Through capacitive touch technology and a user-friendly design, Samsung's PMF-BC displays foster a comfortable, easy-to-navigate digital writing experience. The interactive displays can accommodate 10 unique touch points* while maintaining the smooth, familiar feel of analog board or pen-and-paper writing.

*The number of available touch points varies depending on configuration. Connected external PCs provide the PMF-BC display with 10 touch points, while the integrated operating system supports two additional touch points.

| Seamless Touch | Multi Touch | Fast Response time | Intuitive UI |

High reliability & convenient management

Samsung's PMF-BC displays are resilient and require little maintenance, yet are dependable and deliver content effortlessly, allowing airport to inform travelers of terminal maps. This display withstood extensive testing to validate its durability against dust, dirt, vandalism and other factors. Airport staffs are able to control the display, no matter their location, using infrared receivers, for continuous content.

| Dust Resistant | Sunlight Resistant | High Reliability | Central IR |

UHD signage: QMR / QBR series

Intelligent UHD upscaling

Samsung's cutting-edge intelligent UHD upscaling technology performs edge restoration and noise reduction to deliver perfect UHD picture quality for retailers, even with lower resolution content. This "future-proof" solution ensures best-in-class picture quality regardless of the original content resolution.
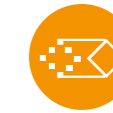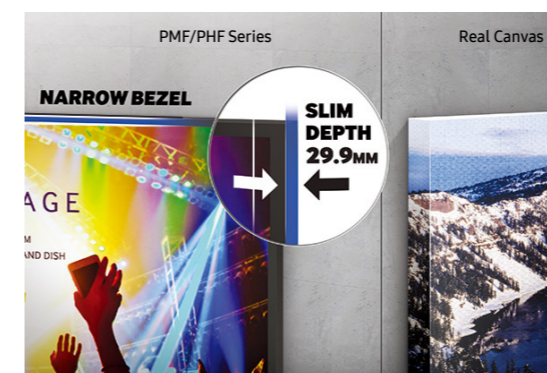
* "Conventional" refers to the models that do not adopt UHD upscaling function.

| Intelligent UHD engine | Noise Reduction | Edge Restoration | HDR+ |

Slim and symmetrical design

The QMR / QBR series features an all-new symmetric design simplifying wall mounting and ensuring installation is seamless. The flat back and slim depth ensures a display that will stand the test of time.

| Symmetric | Slim Depth | Narrow bezel | Long Life Cycle |

FHD signage: PHF-P series

Clear content delivery with slim design

Samsung's TIZEN-powered FHD standalone displays achieve peak performance all while maintaining a stylish and captivating design. The PHF and PMH series leverage elevated brightness and refined image sharpness to ensure a consistently clear presentation even in settings with variable lighting. Uninterrupted, reliable content delivery is always assured regardless of surrounding conditions.
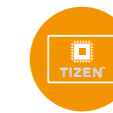
| FHD | Slim Depth | Tizen | Embedded Solution |
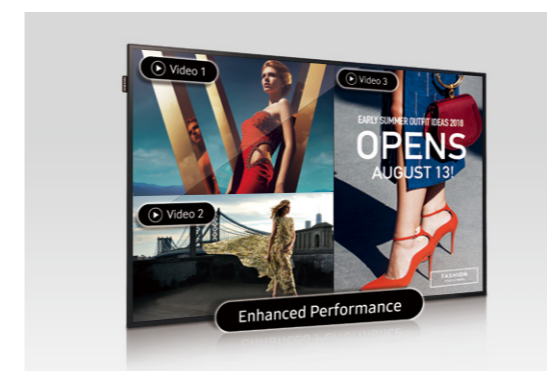
Powerful performance and simple usability

Samsung's PHF and PMH series are IP5x validated*, signifying their dust-resistant design and ability to withstand a range of environmental conditions. Equipped with a non-glare frontal panel, the PHF and PMH series discover heightened image visibility and information readability under light.

*IP5x validation ensures satisfactory operation even with a certain level of dust inside the product. However, product operation is not guaranteed when exposed to particular types of dust such as metal dust.

| IP5X | Anti Glare | Centralized Management | Central IR |

SMART Management
Consolidated management of content and devices

MagicINFO Author

MagicINFO Server

MagicINFO Player

MagicINFO solution
Three-step content & device management solution

Hardware

Contents

Standalone

Video Wall

Interactive Display

LED

Outdoor

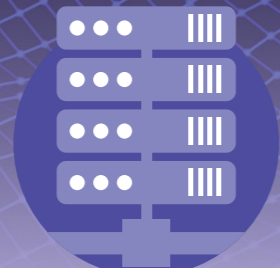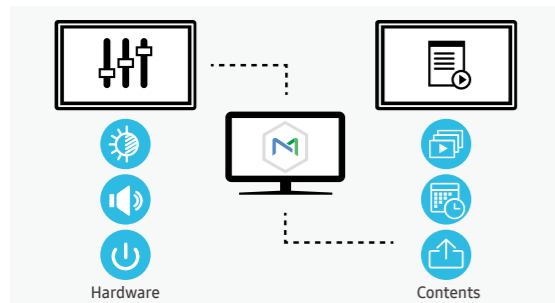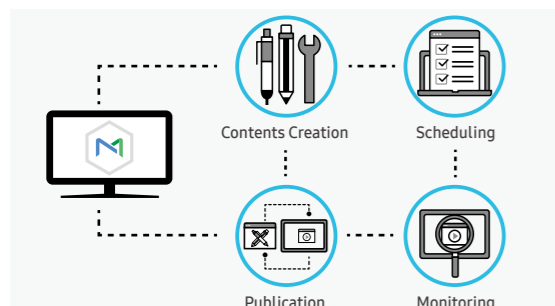Contents Creation

Scheduling

Publication

Monitoring

Single-point management

Samsung's MagicINFO is the industry leading platform to offer seamless remote hardware and software management, allowing teams to make changes to schedules and device settings, no matter the location or time of day. Regardless of the operational network, the MagicINFO solution is compatible with several display types, browsers and devices, ensuring the delivery of compelling, high-quality content regardless of the operational framework.
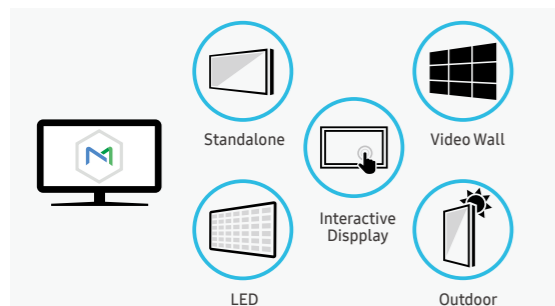
Versatile device compatibility

Samsung's MagicINFO solution controls and manages all types of displays such as indoor, outdoor signages and LED display. With its innovative technology, users are assured their content is managed with a state-of-the-art hardware solution.

All-in-one message optimization

MagicINFO's technology allows businesses in any environment to conveniently create, schedule and deploy content across an entire digital signage network. Furthermore, MagicINFO lets users to remotely monitor and troubleshoot single displays or an entire network for device control.

Enhanced interactivity and extended engagement
Event trigger & spot solution

Sensor

Trigger Input

Trigger

SALE ON SALE
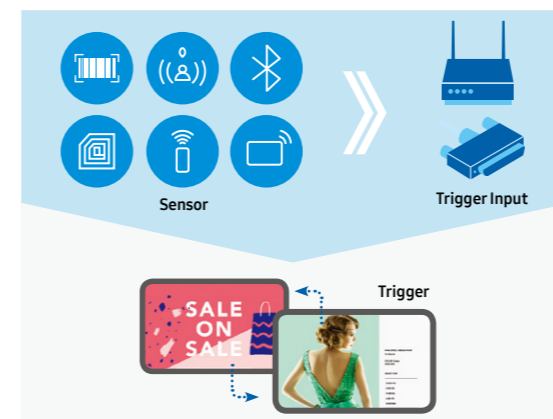
Tailored content delivery

Samsung's MagicINFO encourages audience interface with sensors that trigger customer centric content based on behaviors. This Event Trigger feature is compatible with IR, NFC, Barcode and RFID indicators and allows managers to program content that appears after a customer action, ranging from a personalized welcome message to sales or promotional content connected to a certain product or service. Through real-time engagement, MagicINFO helps businesses boost purchase intent and build stronger connections with new and recurring audiences.

MagicINFO Server

3D Camera (Intel D435)

MagicINFO I Player
Installed on PC

SMART Signage

Content Manager
Installed on
Android Tablet
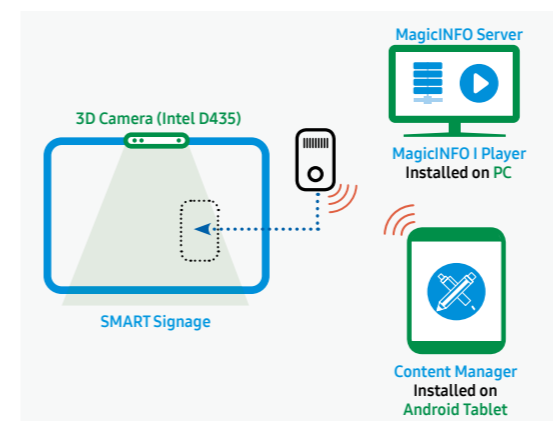
Respond to consumers' motions in 3D

Samsung's MagicINFO platform features Spot solution technology that offers real-time messaging that meets customers' needs. A 3D camera captures customers' motions and activities in order to place relevant content to customers in a visible location. This is done via a content manager app and MagicINFO I Player. This Spot solution intellect enables businesses to better create and deliver messages that will inspire customer activity.

Specification

LED signage

	Project	Pixel Pitch	Diode Type	Brightness (1) (※ Dynamic Peaking applied)	Contrast Ratio	Certification	Cabinet Size	Weight	Service (2)	IP Rating
Indoor	IFJ	P1.2	Surface Mount Device	1,200 nit	4,000:1	EMC Class B, Safety 60950-1	806.4x453.6x76.7mm (LxHxD, per cabinet)	11.8kg/cabinet	Front and Parts Rear	IP20
	IFJ-E	P1.2	Surface Mount Device	1,200 nit	4,000:1	EMC Class B, Safety 60950-1	806.4x453.6x76.7mm (LxHxD, per cabinet)	11.8kg/cabinet	Front and Parts Rear	IP20
	IFH	P1.5, 2.0, 2.5	Surface Mount Device	1,600 nit (P1.5) 2,400 nit (P2.0, 2.5)	5,000:1	EMC Class A, Safety 60950-1	480x540x65mm (LxHxD)	5.8kg/cabinet	Front and Rear	IP20
	IFH-E	P1.5, 2.5	Surface Mount Device	1,200 nit (P1.5) 2,000 nit (P2.5)	5,000:1	EMC Class A, Safety 60950-1	480x540x65mm (LxHxD)	5.8kg/cabinet	Front and Rear	IP20
	IFH-D	P2.5, 4.0, 6.0	Surface Mount Device	2,400 nit (P2.5) 1,700 nit (P4.0) 1,800 nit (P6.0)	5,000:1	EMC Class A, Safety 60950-1	480x720x65mm (LxHxD)	7.4kg/cabinet	Front and Parts Rear	IP20
Outdoor	XPE	P6, 8, 10	Surface Mount Device	7,500 nit	8,500:1 (P6) 10,000:1 (P8, 10)	EMC Class A, Safety 60950-1	203x203mm (LxH, per module) (P6) 264x297mm (LxH, per module) (P8) 330x165mm (LxH, per module) (P10)	0.54kg/module (P6) 1kg/module (P8) 0.69kg/module (P10)	Front Service and/or Rear Service	Silicone sealed (Module IP67, CabinetIP65) (P6, P8) Silicone sealed (IP65) (P10)
	XAF	P6, 8, 10, 16	SMD2727 (P6) SMD3535 (P8, 10) DIP346 (P16)	6,300 nit (P6, 8) 6,750 nit (P10) 7,700 nit (P16)	3,000:1	EMC Class A, Safety 60950-1	1152x864x142mm (LxH, per cabinet) (P6, 8) 960x960x142mm (LxH, per cabinet) (P10) 960x960x154mm (LxH, per cabinet) (P16)	56kg/cabinet (P6, 8) 52kg/cabinet (P10) 55kg/cabinet (P16)	Rear	Front IP65 Rear IP45

(1) Peak Value according to IDMS (Information Display Measurement Standard)
(2) Front Service : Front Service to Power Supply and Main Board on a cabinet level / Parts Rear Service : Power Supply and Main Board can be accessed from the rear

Outdoor signage

	Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	IP Rating	Connectivity	SoC	S/W
Outdoor	OHN	85"	3840 x 2160	3,300 nit	3,000:1	24/7	IP56	In: DP1.2, HDMI 2.0(2), HDCP 2.2, USB2.0 Out: Stereo Mini Jack Ext: RS232C(In), RJ45(In)	SSSP 6	MagicINFO Player S6
	OHN-D (Dual display)	85"	3840 x 2160	3,300 nit	3,000:1	24/7	IP56	In: DP1.2(2), HDMI 2.0(4), HDCP 2.2, USB2.0(2) Out: Stereo Mini Jack Ext: RS232C(In), RJ45(In)	SSSP 6	MagicINFO Player S6
	OHF	46", 55", 75"	1920 x 1080	3,000 nit(46") 2,500 nit(55",75")	5,000:1	24/7	IP56	In: HDMI 1.4(2), HDBaseT(LAN Common), HDCP 2.2, USB2.0 Out: Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In/Out), HDBaseT	SSSP 4	MagicINFO Player S4
Semi-Outdoor	OMN	46", 55"	1920 x 1080	4,000 nit	5,000:1(46") 4,000:1(55")	24/7	IP5X Validated	In: DP1.2, HDMI 2.0(2), HDCP 2.2, USB2.0 Out: HDMI 2.0, Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In/Out)	SSSP 6	MagicINFO Player S6
	OMN-D (Dual Display)	46", 55"	1920 x 1080	3,000 nit(front) 1,000 nit(back)	5,000:1(46") 4,000:1(55")	24/7	IP5X Validated	In: HDMI 2.0(2), HDCP 2.2, USB2.0(2) Out: Stereo Mini Jack Ext: RS232C(In), RJ45(In)	SSSP 6	MagicINFO Player S6
	OMD-W	75"	1920 x 1080	2,500 nit	5,000:1	24/7	-	In: Analog D-SUB, DVI-D, DP1.2, HDMI(2), Component(CVBS Common), HDCP1.4, Stereo Mini Jack, USB 2.0 Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45	SSSP 2	MagicINFO Player S2
	OMH	32"	1920 x 1080	1,000 nit	3,000:1	16/7	-	In: DP, HDMI(2), HDCP 2.2, USB(1) Out: DP1.2(Daisy Chain), Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In/Out), HDBaseT(In)	SSSP 4	MagicINFO Player S4

Video wall display

Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	B-to-B (mm)	Bezel Width	Connectivity
UHF-E/UHN-E	46"(UHN-E) 55"(UHF-E)	1920 x 1080	700 nit	4,000:1	24/7	1.7mm	1.15mm(U/L), 0.55mm(R/B)	In: Analog D-SUB, DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45
UMH-E/UMN-E	46"(UMN-E) 55"(UMH-E)	1920 x 1080	500 nit	4,000:1	24/7	1.7mm	1.15mm(U/L), 0.55mm(R/B)	In: Analog D-SUB, DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45
VMR-U	46"	1920 x 1080	500 nit	3,500:1	24/7	3.5mm	2.3mm(U/L) 1.2mm(R/B)	In: DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack Out: HDMI, Stereo Mini Jack Ext: RS232C(In/Out), RJ45
UHF5	46"	1920 x 1080	700 nit	4,000:1	24/7	5.5mm	3.4mm(U/L), 2.0mm(R/B)	In: DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In)

QLED 8K signage

Project	Screen Size	Resolution	Brightness	Operation Hour	Connectivity	SoC	S/W
QPR - 8K	82"	7680 x 4320	500 nit	16/7	In: HDMI 2.0(4, Including 8K 60p input support 1), USB 2.0(3) Out : Optical(Digital Audio Out) Ext: RS232C(In), RJ45	SSSP 7	MagicInfo S7

UHD signage

Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	Panel Type	IP Rating	Connectivity	SoC	S/W
QHH	55", 65"	3840 x 2160	600 nit	6,000:1	16/7	-	-	In: DP1.2, HDMI 2.0(2), HDCP 2.2, USB2.0(2) Out: HDMI #1 ARC support Ext: RS232C(In), RJ45	SSSP 5	MagicINFO Player S5
QMR	43",49",55", 65",75"	3840 x 2160	500 nit	6,000:1(75") 4,000:1 (43",49",55",65")	24/7	Non-Glare	IP5X Validated	In: DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: HDMI 2.0(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45	SSSP 6	MagicINFO Player S6
QMN	85", 98"	3840 x 2160	500 nit	4,000:1(98") 3,000:1(85")	24/7	Non-Glare	-	In: DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: HDMI 2.0(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45	SSSP 6	MagicINFO Player S6
QBR	43",49",55", 65",75	3840 x 2160	350 nit	5,000:1(43") 4,700:1(49",55") 4,000:1(65",75")	16/7	-	IP5X Validated	In: DVI-D, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: Stereo Mini Jack Ext: RS232C(In/Out), RJ45	SSSP 6	MagicINFO Player S6
QEN	82"	3840 x 2160	300 nit	5,000:1	16/7	-	-	In: DVI-D, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: Stereo Mini Jack Ext: RS232C(In/Out), RJ45	SSSP 6	MagicINFO Player S6

FHD signage

Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	Panel Type	IP Rating	Connectivity	SoC	S/W
PHF-P	43", 49", 55"	1920 x 1080	700 nit	4,000:1(49",55") 3,000:1(43")	24/7	Non-Glare	IP5X Validated	In: DVI-I, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45	SSSP 4	MagicINFO Player S4
PMF	32"	1920 x 1080	400 nit	5,000:1	16/7	-	IP5X Validated	In: DVI-I, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45	SSSP 4	MagicINFO Player S4
DCE	32", 55"	1920 x 1080	350 nit	5,000:1	16/7	-	-	In: D-SUB, DVI-I, HDMI1.4(2), HDCP1.4, Stereo Mini Jack, USB2.0 Out: Stereo Mini Jack Ext: RS232C(In), RJ45	Simple SoC	MagicINFO Player Lite
DCJ	43", 49"	1920 x 1080	300 nit	3,000:1	16/7	-	-	In: DVI-I, HDMI 1.4(2), HDCP1.4, Stereo Mini Jack, USB2.0 Out: Stereo Mini Jack Ext: RS232C(In), RJ45	Simple SoC	MagicINFO Player Lite

Interactive display

Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	Touch Type	# of Touch	Connectivity	SoC	S/W
PMF-BC	32" 43" 55"	1920 x 1080	300 nit (32") 350 nit (43") 400 nit (55")	5,000:1(32") 3,000:1(43") 4,000:1(55")	24/7(43",55") 16/7(32")	Capacitive touch	Max. 10 Touch	In: DVI-I(D-SUB Common), DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB 2.0, (2, 1 used for touch) Out: DP1.2(Loop-out), Stereo Mini Jack, USB Type-B(2) Ext: RS232C(In/Out), RJ45	SSSP 4	Built-in MagicInfo S4

MagicINFO solution

	Number of displays connecting to MagicINFO Server			
	<200	<2000	<5000	>5000
OS	Windows Server® 2008 / 2012 / 2016			
CPU	Intel Xeon E3-1200 or better	Intel Xeon E5-2400 or better	Intel Xeon E5-2600 or better	Intel Xeon E5-4600 or better
RAM	4 GB or more	8 GB or more	16 GB or more	32 GB or more
HDD	At least 100 GB for basic setup (operating system and server application) *Heavily dependent on the amount of content data to be stored on the server			
Network Bandwidth	64 kbps or better			
Number of Servers	1	2	3	3 or more; dependent on scenario