Advanced Digital Signage: Wallflower & HP Thin Clients

Digital information displays and signage in large public sites are becoming ubiquitous. These systems - more than looping simple "play-lists" - require special dynamic content schedulers, specific information formatting, integration to other data sources, and can provide user-interaction.

Advanced Wallflower Digital Signage Solutions

Wallflower software is used worldwide to deliver digital signage solutions for almost any requirement, from a simple easy-to-use single-screen installation to an international network of thousands of displays. Wallflower delivers a cost-effective, reliable and easy-to-use solution.

Flexible
Wallflower solutions can be configured using any type of networking and supports all popular content formats.

Scalable
Wallflower solution can grow from one display to a network of thousands of displays.

Easy to use
A template design approach lets you create any layout and combination of media.

Wallflower Scheduler

The Wallflower content manager, called The Scheduler, runs at the server. It can handle the most complex and demanding Scheduling requirements and manage from 1 to 1000s of displays. Using a 'Template' approach any size of display can be formatted to show an unlimited combination of media. Schedules can be built for delivery to groups or individual displays.

Content may be triggered by many external devices allowing Wallflower to go beyond a simple 'play list' system and play Schedules at any time. Content may be brought in from almost any data source. Users may develop their own Widgets using the latest standards such as HTML5

Wallflower Display

The Wallflower Scheduler sends the display content to HP Thin Client players running the Wallflower Display on Microsoft Windows.

The Wallflower Display software can drive multiple display screens from one unit. Depending upon the requirements of the media, Wallflower can display many completely independent Schedules of media simultaneously.

Advanced and robust solution for digital signage
The Wallflower Digital Signage Solution is advanced and robust for small to large scale implementations. It is much more than a simple "play-list" media player.

Flexible and scalable, it caters for complex content displays, information formatting and even wayfinder navigation.

Its comprehensive administrative management and analytic tools make the solution suitable for large sites and put it ahead of the competition.

Types of display

Wallflower delivers content onto a wide range of display types. These range from small monitors through large format LCD varieties to include some of the world's largest projection and LED Video walls.

Wallflower works seamlessly with interactive display technology to provide touch screen functionality for kiosks and similar requirements.

The Wallflower Display is extremely robust and works intelligently to continuously monitor display hardware for anomalies. The Wallflower Display Manager provides rapid intuitive installation and configuration.
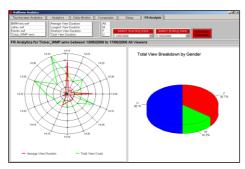
Wallflower Analytics and Site Manager

A complex signage and information display system is incomplete without powerful administrative and management systems.

The Wallflower Site Manager provides constant automatic monitoring of the status of your displays and routers. It can alert technicians to problem areas such as network disconnections or if a Thin Client is powered off.

It includes an asset management facility to allow you to record details of all signage hardware assets on the network and to record issue histories.

Included in the Site Manager is VNC viewing and remote management capability. Able to display thumbnails showing what is on screen in real-time and the ability to take control remotely makes this a valuable maintenance tool.

The Wallflower Analytics' approach is exception-based that goes beyond providing comprehensive 'proof of play' reports. The Analytics highlights areas of interest, such as anomalies between what was expected and actually played. For interactive displays, it can highlight infrequently used media. Using a 'drill down' approach, users can easily identify areas where performance is above or below expectations.

HP Thin Client

Different from traditional personal computers, the thin client is designed for task-oriented, specific use-cases such as a digital signage system or complex information display system.

Key attributes of the HP Thin Client make it a perfect match to drive the displays in a signage system.

Higher reliability
Reliability is a critically key attribute for a signage & information display system. The fan-less design and solid-state storage greatly improves the reliability of HP Thin Clients to operate 24x7 as required in many such systems.

Compact design
The slim, compact, design of HP Thin Clients makes it easy to mount behind the display screens.

Drive multiple screens
A single unit HP Thin Client can drive 2, 4 or 6 display screens, each up to 4k resolution.

Support for fiber-optic networks
HP Thin Clients support fiber-optic network interfaces (FNIC) that may be required for signage systems in large areas or buildings such as airports, convention-centers, or parks. FNIC l offers fast, secured, low latency and long-distance nodes.

Embedded operating system
HP Thin Clients run on Windows Embedded operating system, with enhanced security, added reliability and smaller OS footprint.

Device-level management
HP Thin Client is highly manageable on-line, a useful feature to manage the devices in installation in dispersed locations such as airports or shopping malls.

Warranty and worldwide support services
HP Thin Client carries 3-year warranty and HP provides peerless post-sales support and services worldwide.

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The reliable Thin Client is a perfect driver for digital information displays and signage systems
HP Thin Clients are suitable for such systems due to their higher reliability, security, device-level management and being backed up by a 3-year warranty and unmatched world class support services.