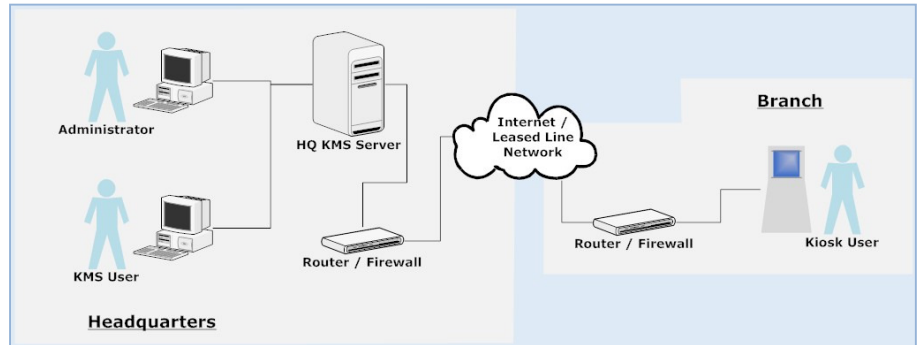


KIOSK MANAGEMENT SYSTEM

By their very nature, self-service kiosks tend to be left unattended to deliver information, services and transactions to customers. Thus it is vital for organizations to be able to remotely monitor and manage their kiosks.

KioskMedia Malaysia delivers this capability through its Kiosk Management System (KMS), which allows administrators from a central location to manage a distributed network of self-service kiosks.

The key features of our KMS are highlighted below. For more information, please do not hesitate to contact your account manager.



Kiosk Management System Physical Architecture

KMS Client Agent Features

Feature	Benefits
Uses outbound port 80 (HTTP) for kiosk-server communications.	No additional personal / enterprise / branch firewall reconfiguration necessary.
Configurable automated power-up, shutdown.	No manual kiosk power-up or shutdown necessary.
Peripherals and consumables monitoring and alerting (for selected devices, please contact us for details).	Proactive monitoring of consumables levels, and being able to replenish consumables precisely when they are needed.
Automatic application monitoring.	Monitors kiosk applications to ensure that they are continuously running. The Kiosk Client Agent will automatically attempt to restart any application that unexpectedly terminates.
Continuous operating system monitoring.	Monitors CPU, memory and hard disk usage and alerts the administrator if consumption exceeds preset thresholds.
Minimal system requirements.	Does not require excessive CPU or memory to run, and does not interfere with kiosk application. Does not require .NET or Java.

KMS Server Features

Feature	Benefits
Usage reports (customized according to kiosk application).	Allows administrators and business users to view transactions or usage. For content, usage reports can be customized to display number of times a particular content item has been viewed.
Exception reports.	Provides a record of exceptions occurring at the kiosk, including operating system parameter thresholds being exceeded, loss of connectivity to kiosk, and low consumable levels.
Administrator / user alerts.	Configurable e-mail alerts to administrators and users when specific events occur.
Flexible server OS choice.	Runs on either Windows or Linux. In certain instances, the KMS can also be configured to run on desktops.
Additional alerting channels (customization and optional components may be required).	KMS alerts can be customized and configured to send SMS alerts, provided a HTTP SMS gateway connection is available.
Uses outbound port 80 (HTTP) for kiosk-server communications.	No additional personal / enterprise / branch firewall reconfiguration necessary.

KMS User Client Features

Feature	Benefits
Web browser client.	No additional client software required for administrator or user access to the KMS.

System Requirements

Server

CPU	Intel Pentium 1GHz or higher.
Memory	512MB (1GB recommended, and more if running other server applications on the same hardware).
Hard Disk Storage	<500MB for initial installation, 5-10GB for operational data storage (estimate only).
Operating System	Windows XP Professional, Windows Server 2003 or Linux.

Administrator / User Client

CPU	Intel Pentium 1GHz or higher.
Memory	512MB (1GB recommended).
Hard Disk Storage	n/a
Operating System	Windows XP Professional
Browser	Internet Explorer 6.0 or higher, Mozilla Firefox 2.0 or higher.