

## GENERAL INFORMATION

KIOSK ADMINISTRATOR is a kiosk resident component 'agent', which polls and monitors the application and devices. The component also has the functionality to take remedial action and provide log based reporting.

There are 2 distinct functional components associated with KIOSK ADMINISTRATOR

1. A distribution and communication element and
2. A monitoring element

While the monitoring element is always active, typically, there is only one distribution element activated within a group of Kiosks.

## Functionality

**KIOSK ADMINISTRATOR – (Monitoring) provides for:**

- Monitoring of the kiosk application.
- Application Shut Down / Start Up services.
- Monitoring of devices for operational status.
- Running a nightly shutdown schedule.
- Running an update function when requested to do so by the distribution component.

**KIOSK ADMINISTRATOR – (Distribution) provides:**

### Up-Stream transfers

Transfer all log and statistic files from kiosks to a centralized Operations Centre via POTS (Plain Old Telephone System – dial up), LAN (Local Area network), WAN (Wide Area Network), VPN (Virtual Private network) or FTP (File Transfer Protocol) communication mechanisms.

### Down-Stream transfers

Transfer all content, media, images, and data from the centralized operations centre to the Kiosk network.

Distribute downloaded content and data elements to the Kiosks within its domain. Usually via the Local Area network connection.

All transfer and distribution components are data driven according to Inbound and Outbound schedules.

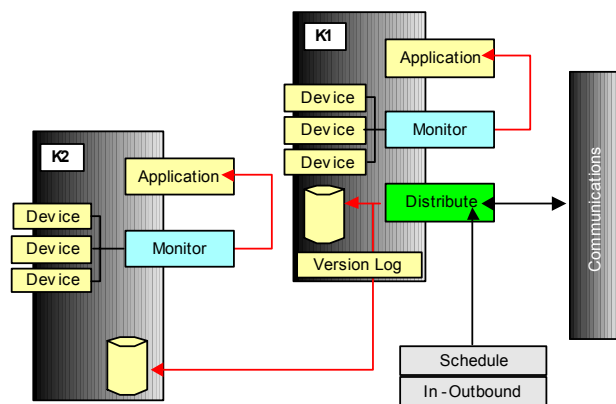


Figure 1.

## Component Management

St. Clair has developed a management component entitled "KIOSK ADMIN INT". This component is fully integrated with KIOSK ADMINISTRATOR and provides the following functionality:

- Determine if COMMAND & CONTROL has sent an update script.
- Act on the stated instructions in the update script
- Activate KIOSK ADMINISTRATOR

KIOSK ADMINISTRATOR INT is able to Move, Copy and Delete items to and from any location. The specifics are derived from the update script.

Additionally, the script allows for the un-registering and (re) registering of ActiveX, DLL and executable components.

This implies that a new executable version of KIOSK ADMINISTRATOR and the application may be deployed any time.

## Distribution

### *Version Control*

The distribution component of “MOM ADMIN” will keep a version control log of all received items (from CONTROL PANEL or COMMAND & CONTROL) and update the “Kids” according to this log.

All items will be updated in version sequence.

### *Monitoring & Alerts*

KIOSK ADMINISTRATOR is responsible for all device monitoring. The program interrogates the device and logs the return code and device status. Logging occurs to a shared data set, which in turn is accessed by the Kiosk application when it requires the use of the device. The application itself is therefore not ‘burdened’ with polling devices prior to use. Alerts are derived from the status associated with the application and/or device. Alerts may be forwarded in real time (email, SMS) or as part of the daily status log update.

## Technical Information

*Operating System Platform: W2K Client*

*Database platform: Access 2000*

*Communication Layers: LAN, WAN, VPN, Dial-Up,  
FTP, and I.P.*

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