

## Network Control Software

SI.No.	Details
1	Web Based Solution (Hosted Manager Application) any where access on the Clients Network
2	Desirable Integration with Windows Server 2003 / 2008 based Active Directory System.
3	Screen Layout Desgner Module with Drag and Drop interface and supporting more that 2 Media Zones, 3 Scrolling Zones, Date and time zone along with Weather Module. Supports any screen resolution in both the screen Formats (Portrait and Landscape).
4	Alert Manager: Option to assign player or Group of players to an email id to receive the Player logs between set intervals.
5	Players can be placed in multiple Groups and schedules can be sent to a Group or a selection of Players in a Group or to the Whole Network.
6	Can add any number of media players in the Network.
7	Screen can be divided into 7 zones. 3 Media zones supporting all Media formats (Videos, Images, Flash, Web URLs), 3 Ticker, Date Zone & Clock Zone.
8	Media zone can play Videos, Flash, Images, Web pages, Office Files & PDF documents.
9	Customer can choose smooth seamless transitions between images.
10	Media zones can be synchronized.
11	Media can be organized in Tree View Folders.
12	All the zones in the Screen Layout can be scheduled independently.
13	Tickers should support UNI code (Multi Lingual Support). Should customize font name, font size, font type, Foreground color and Background color (Gradient & Solid).
14	Tickers should scroll in any direction (Right to Left, Left to Right, Top to Bottom and Bottom to Top)
15	Tickers should support feature where news can be downloaded from a RSS News Feed at a given interval.
16	Option to set Different text Scroll data for different days of the week
17	Should have the feature of Enabling and disabling players on the network.
18	Should have the feature for deleting / purging the files on the Content server.
19	Should have the feature to view History, Active and Future Schedules for all the zones.
20	Should have the feature to overwrite Future Schedules and files on the Remote players.
21	Ability to view the Current Files and the playlist of the Remote Players.
22	Ability to Overlay Image and text on the Main Video Zone ( Transparency Feature)

23	Feature to set the different shutdown time and reboot time for all days of a week for the Remote Players.
24	Logs for viewing the Status of the players (Start Up time, Shutdown Time and Server Connect Time).
25	Feature for creating project files for External Pen drive Updates for the players where there is no Internet connectivity.
26	Dashboard view of the Network connectivity Status between the Media Players and the Central Server, Players current IP Address & Free Space available on Players.
27	Drag and Drop feature to create a playlist, modify the position of the files in the playlist.
28	Each file in the Media Playlist to have Start and End time and option for looping.
29	Option to set the files in the playlist to play for a set number of Occurrence in a day
30	Option to set the files in the playlist to play in a set day of the Week or entire week
31	Option to mute Audio for each Media file in the playlist.
32	Option to play selected Media files in Full Screen Mode during payback
33	Option to set the start play time and end play time for Media file to playback only selected portion of the Media file.
34	Option to force download selected Media files in the playlist.
35	Option to set Screen shot with time stamp during Media Playback on Media player and upload back the screenshot to be viewed from the Manager.
36	Information about the Contents upload time form the Manager Application and Media files download time form the player.
37	Reports of Media Exposure between Date ranges. Should be able to export this data to Microsoft Excel & PDF.
38	User access & management - Multi Level user access, Administrator will have all the rights and he can create users and assign rights, User access can be provided for a Player, Group of Players or each module like Playlist creation, Layout Management, Reports etc...
39	Software Updates and Patches are to be remotely managed from the manager to the Media Players.
40	The Schedules, Playlists, Logs and other informations for the players are uploaded to a Content Server in an encrypted format.
41	Internet connectivity (Green and Red) Indicator at the Player to identify network connectivity.
42	Self Healing Watch Dog Module on the player to ensure sure that all the zones in the current Layout are up and running.
43	Media Expo to be uploaded to the server once every day.
44	Automatic Project update Flash Module on the player to update the content and the schedules from the project file in case of manual update.

45	Players should be programmed to download content from the XML feed automatically.
46	Encryption of Data to increase secure downloads on the player – Minimum 128-bit encryption is to be supported.
47	Intelligent Download Module on the player helping in content and schedules to be downloaded meant for the particular player.
48	Player should be programmed to play unattended 24 x 7
49	If there is no internet/ data connectivity on the player then the player should play the last updated content.
50	Reports should be Customizable based on the clients requirement with no additional Charges.
51	Log Viewer Module in the Manager application to give instant reports for Active Playlists on each player, Content upload and downloadtime, player start up and shutdown times.
52	Option to push Bluecasting Messages to the players at the locations.
53	Option to send Emergency messages to the players. Messages should over ride the current content on the Screen and Display FULL Screen. Also option to set the Start and End time for Emergency Messages and the frequency interval so that the player will alternate between the Emergency Messages and current content.
54	Scheduled Player downloads for better Bandwidth Management and also support Broken downloads and Intelligent downloads where only modified content downloads.
55	Support for preventing play back of content that is not authenticated in the Manager Application.
56	Should support Multiple File types in a Loop (Multiple file formats in a Playlist).