

**DIGITAL SIGNAGE**



# I-Tech's Media Signage Plus Product Illustration

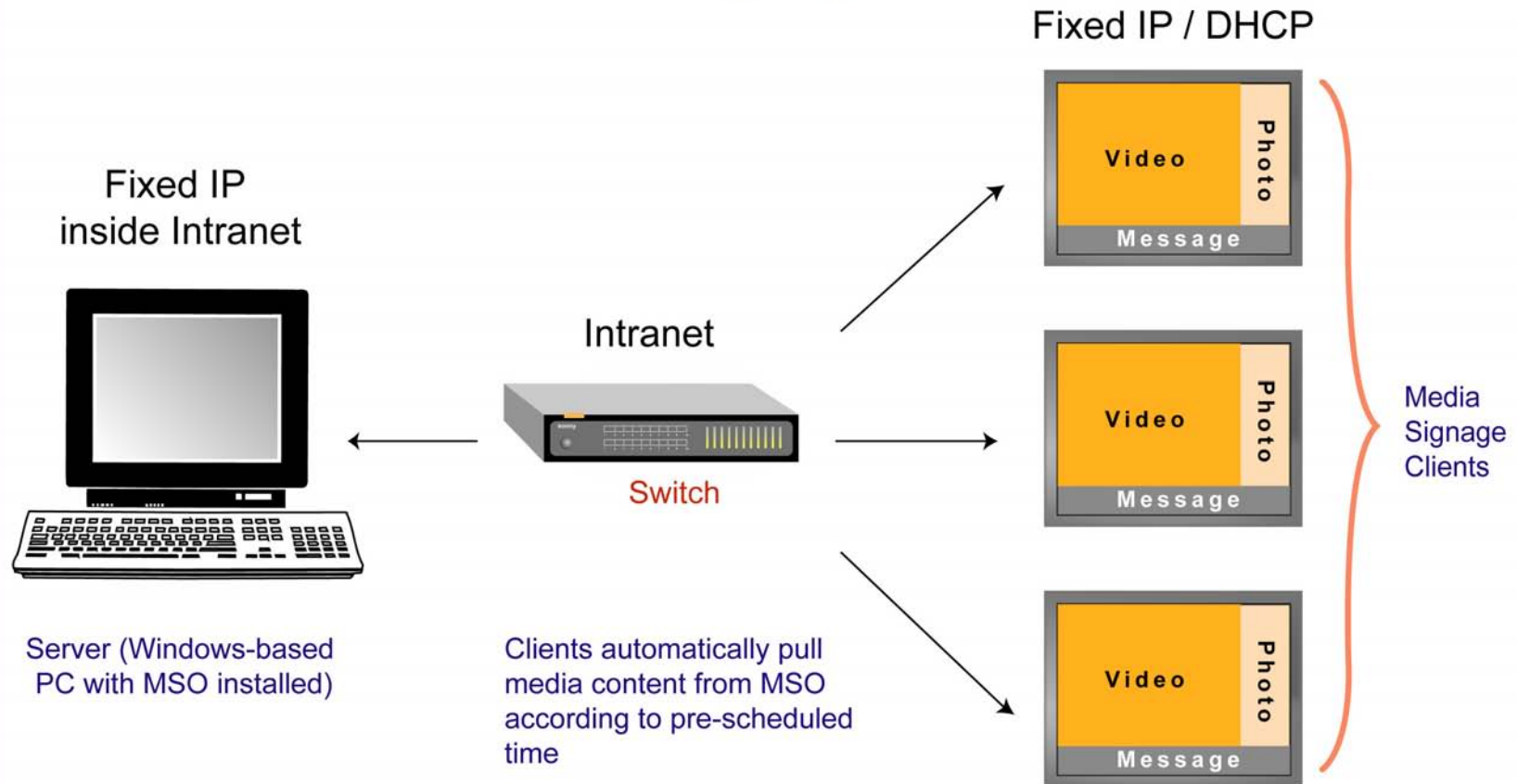
Nov 2006

[www.i-techcompany.com](http://www.i-techcompany.com)

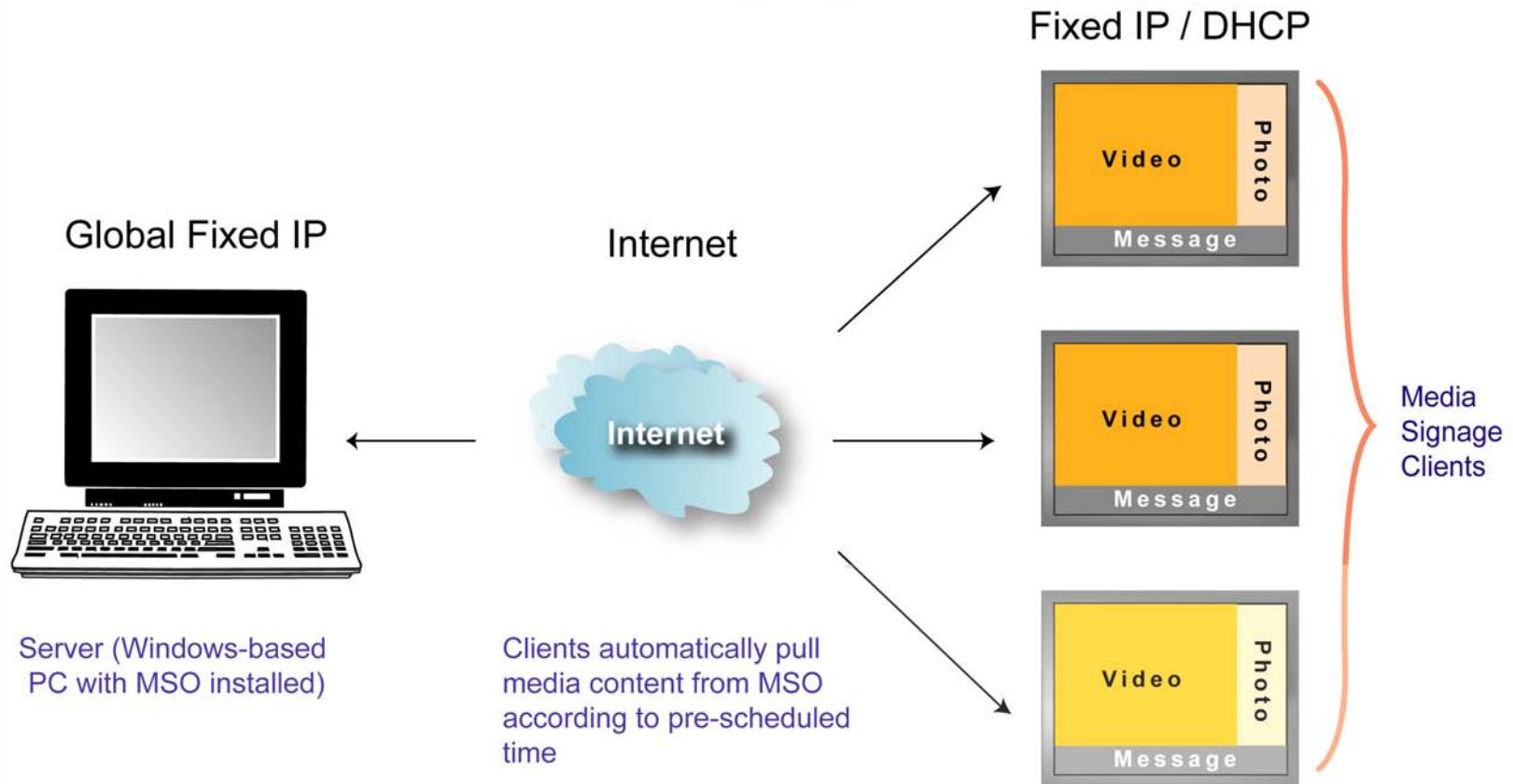
# Overview

- **Highlighted Features**
- **Applications**
- **Add-on Play Control**
- **Package/Accessories**

# File Transferring (Media Signage Plus)



# **File Transferring** *(Media Signage Plus)*

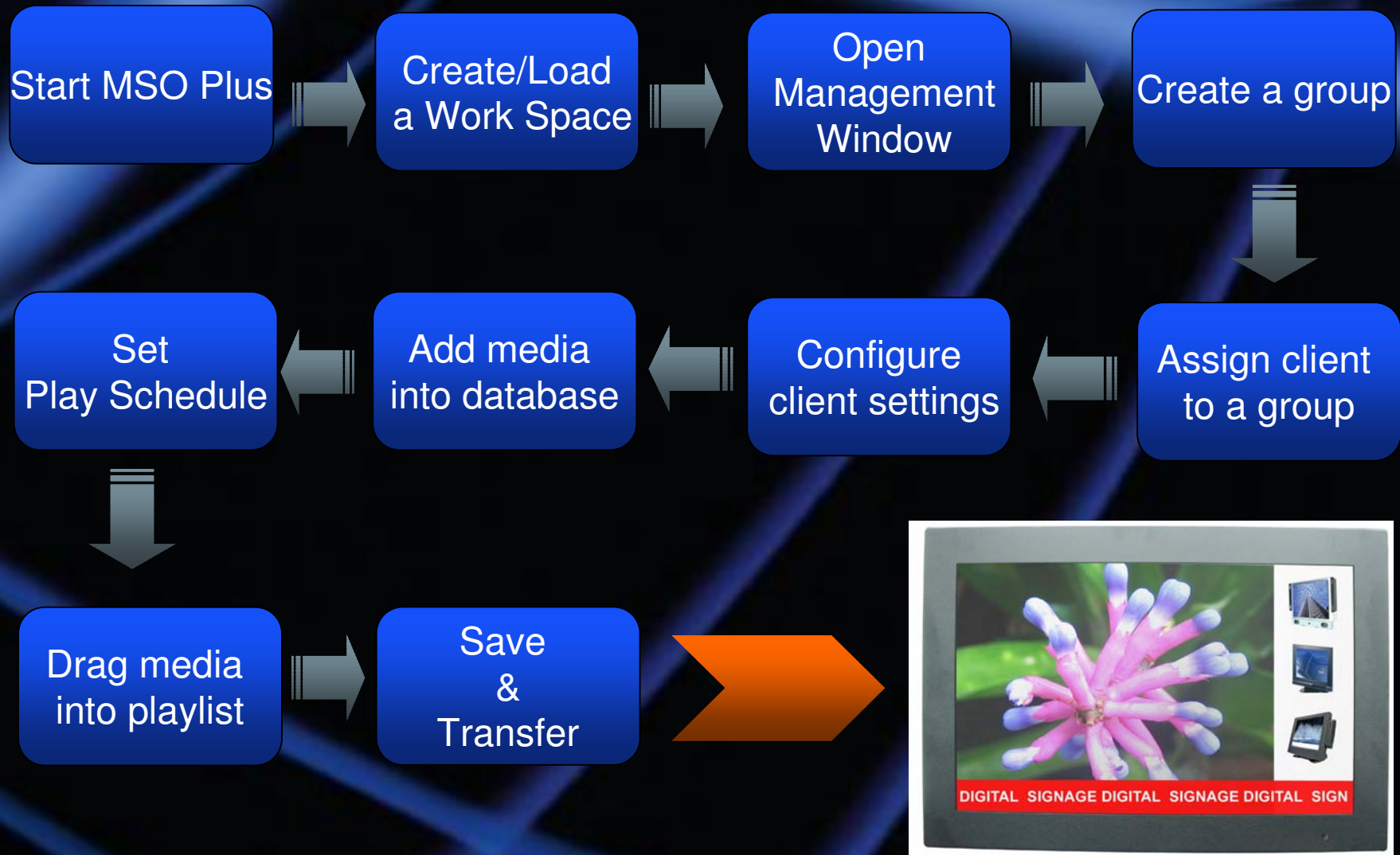


# MSO Plus Factory Setting

- MSO PLUS will automatically connect to SERVER , therefore, you should set the Server IP to be 192.168.0.188
- An alternative way is store IP settings in USB and apply it to clients

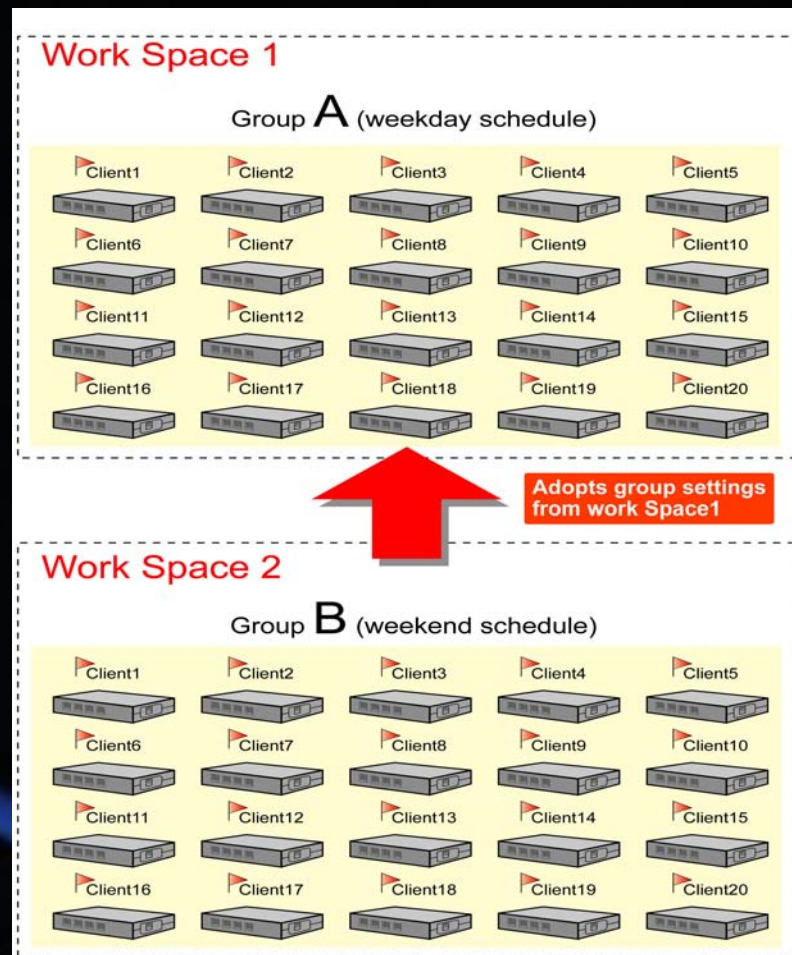
LAN IP	192.168.0.128
LAN Subnet Mask	255.255.255.0
Server IP	192.168.0.188
IP mode	Fixed
LAN Gateway	192.168.0.1
WLAN IP	192.168.252.249
WLAN Subnet Mask	255.255.0.0
IP port	8001,8002,8003 <a href="#">[1]</a>

# Playlist Creation Flow



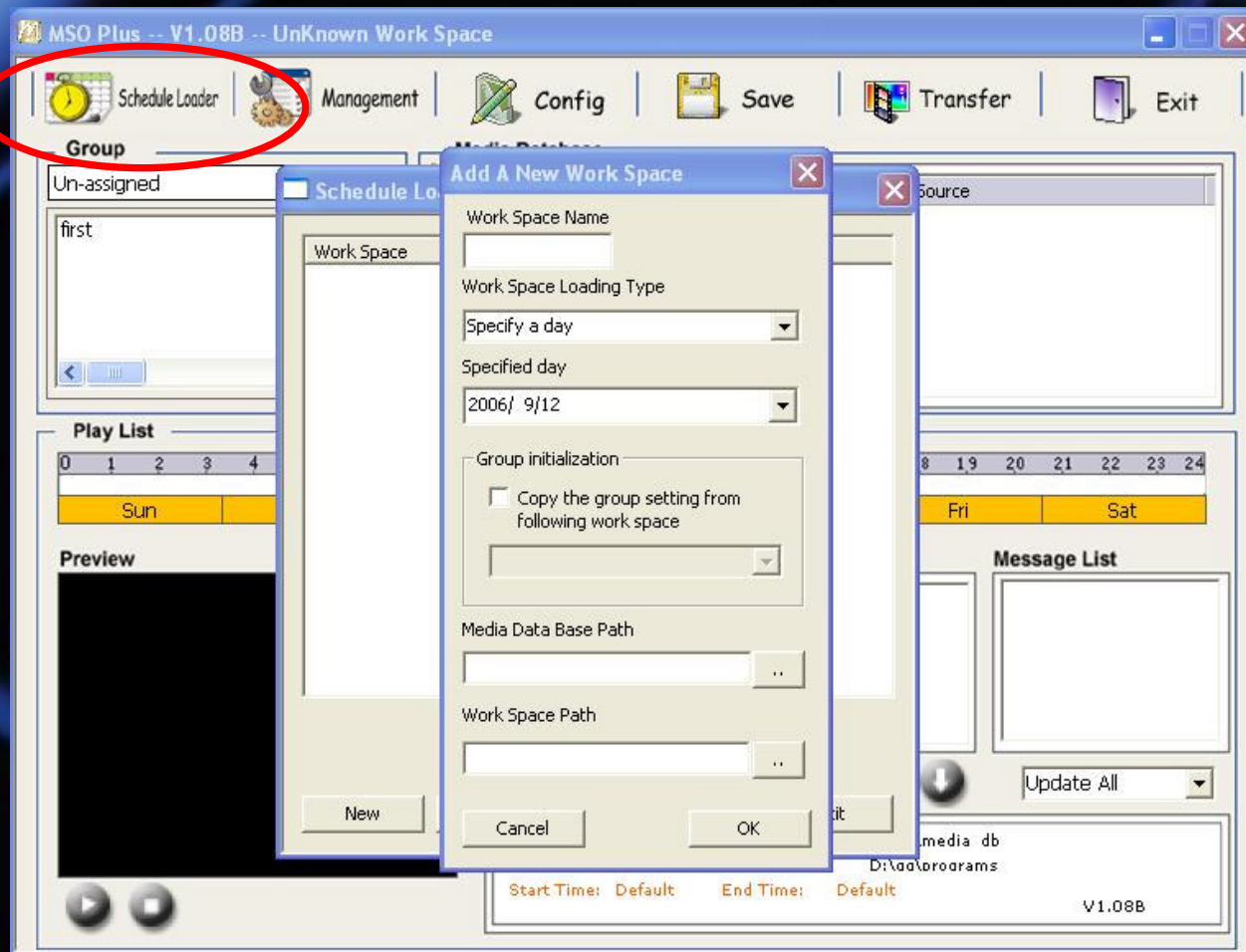
# Work Space

- Work Space can be treated as a place where you store all settings, including client IP, server IP, and group setting. The advantage of doing this is to inherit settings from another group easily.



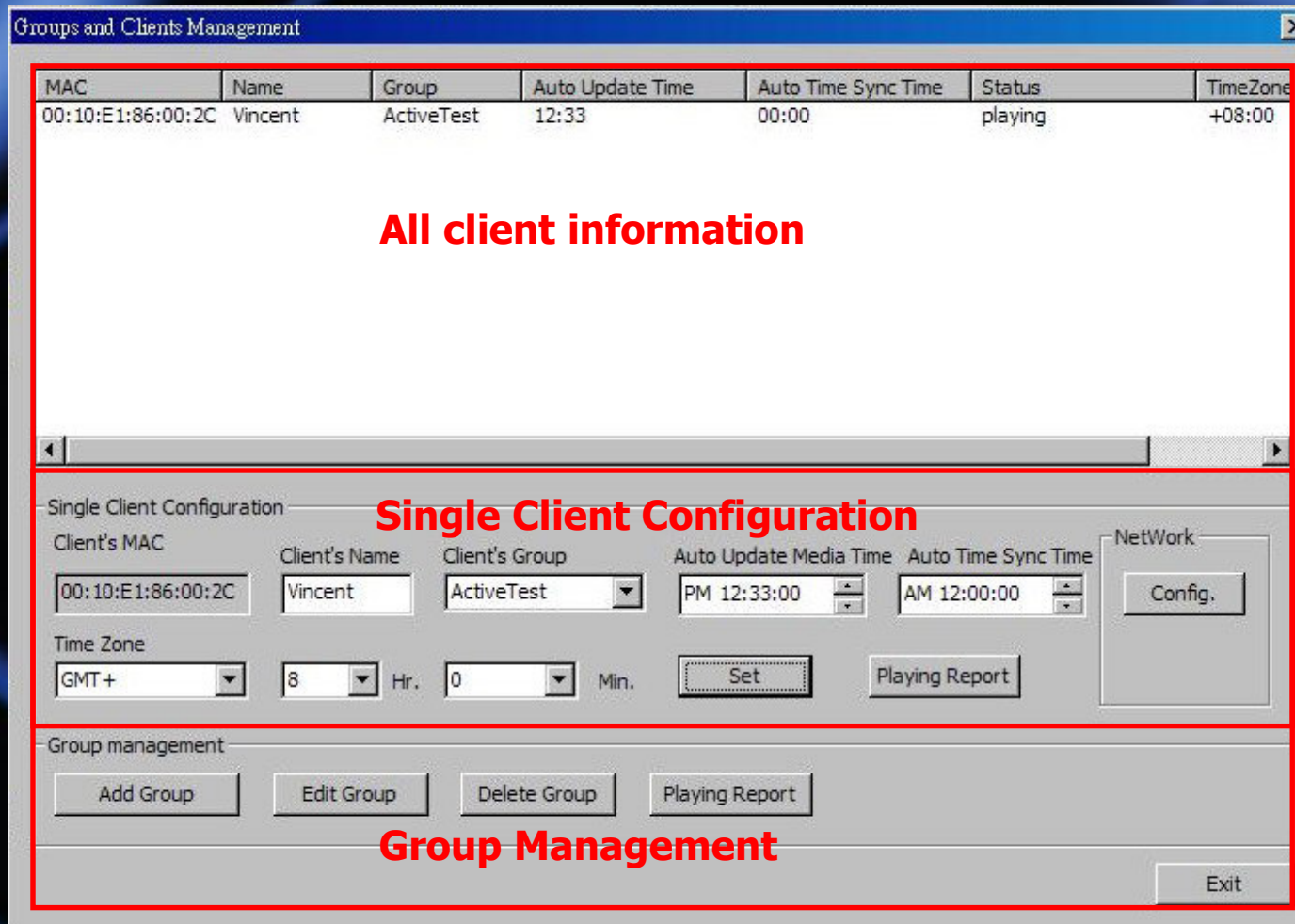
# Work Space Creation

*MSO Plus -> open Schedule Loader*



# Super Powerful Control Panel – Client Manager

*MSO Plus -> open Client Manger*



The screenshot displays the 'Groups and Clients Management' window. It features a table with the following data:

MAC	Name	Group	Auto Update Time	Auto Time Sync Time	Status	TimeZone
00:10:E1:86:00:2C	Vincent	ActiveTest	12:33	00:00	playing	+08:00

Below the table is a section for 'Single Client Configuration' with the following fields and buttons:

- Client's MAC: 00:10:E1:86:00:2C
- Client's Name: Vincent
- Client's Group: ActiveTest
- Auto Update Media Time: PM 12:33:00
- Auto Time Sync Time: AM 12:00:00
- Time Zone: GMT+
- 8 Hr. 0 Min.
- Buttons: Set, Playing Report, Config.

At the bottom, there is a 'Group management' section with buttons for Add Group, Edit Group, Delete Group, and Playing Report. An Exit button is located in the bottom right corner.

**All client information**

**Single Client Configuration**

**Group Management**

# Client Manager

- Client Manager is a powerful control panel where you can view client information, configure single client, and do group management.
- Client information including:
  - Client MAC address
  - Client Name
  - Group belong to
  - Auto Update Time
  - Auto Time Sync Time
  - Client Status
  - Client Time Zone
- Items in Single Client Configuration including:
  - Client Name Setup
  - Client's Group Assignment
  - Client Auto Update Time / Auto Time Sync Time Setup
  - Client Time Zone Setup
  - Client Network Configuration
  - Client Report Obtainment
- Items in Group Management including:
  - Group Addition
  - Group Edition
  - Group Deletion
  - Group Report Obtainment

# Auto Time Sync/Auto Media Update

*MSO Plus-> open Client Manger -> Set schedule of Auto Time Sync/Auto Media Update*

- Client will automatically synchronize its time with server according to time sync schedule, no matter which time zone it is in.



Server (Windows-based PC with MSO installed)

02:36 PM



**Auto Time Sync  
Auto Media Update**

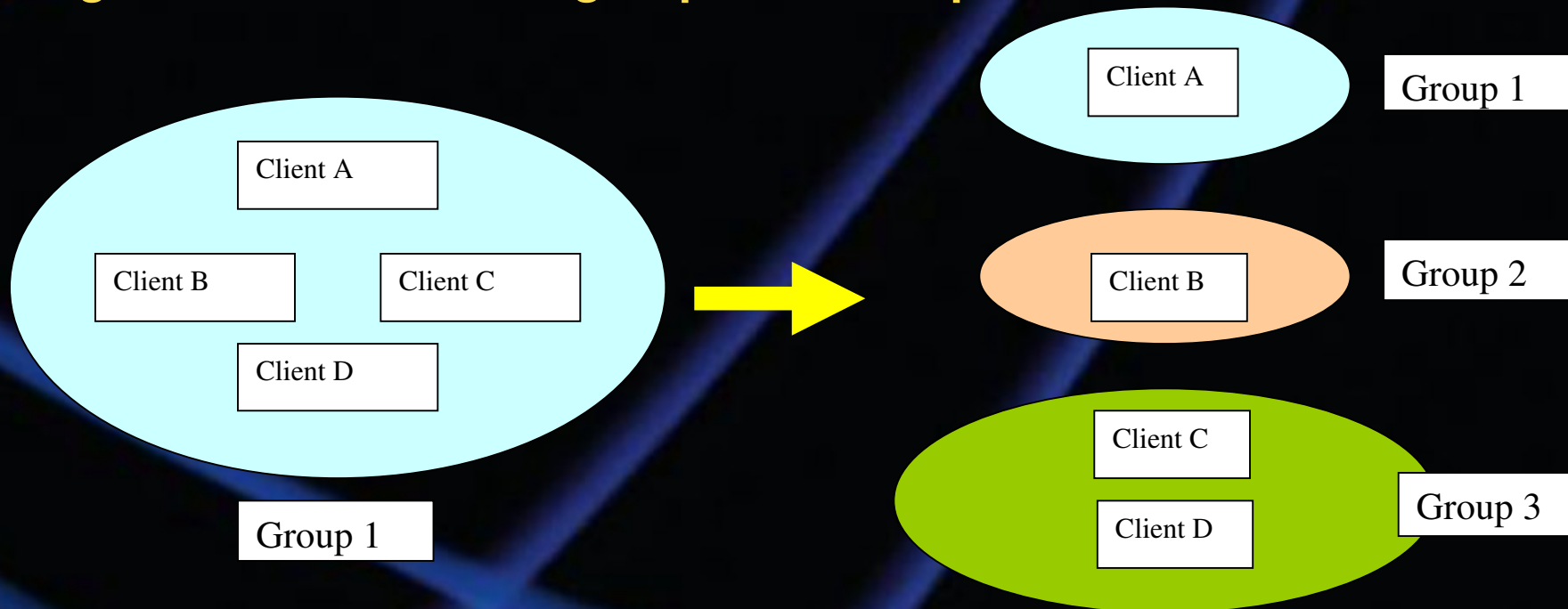


Media Signage Client

## Assign a client to different group with a click

*MSO Plus-> open Client Manger -> assign clients to different group from drop-down menu*

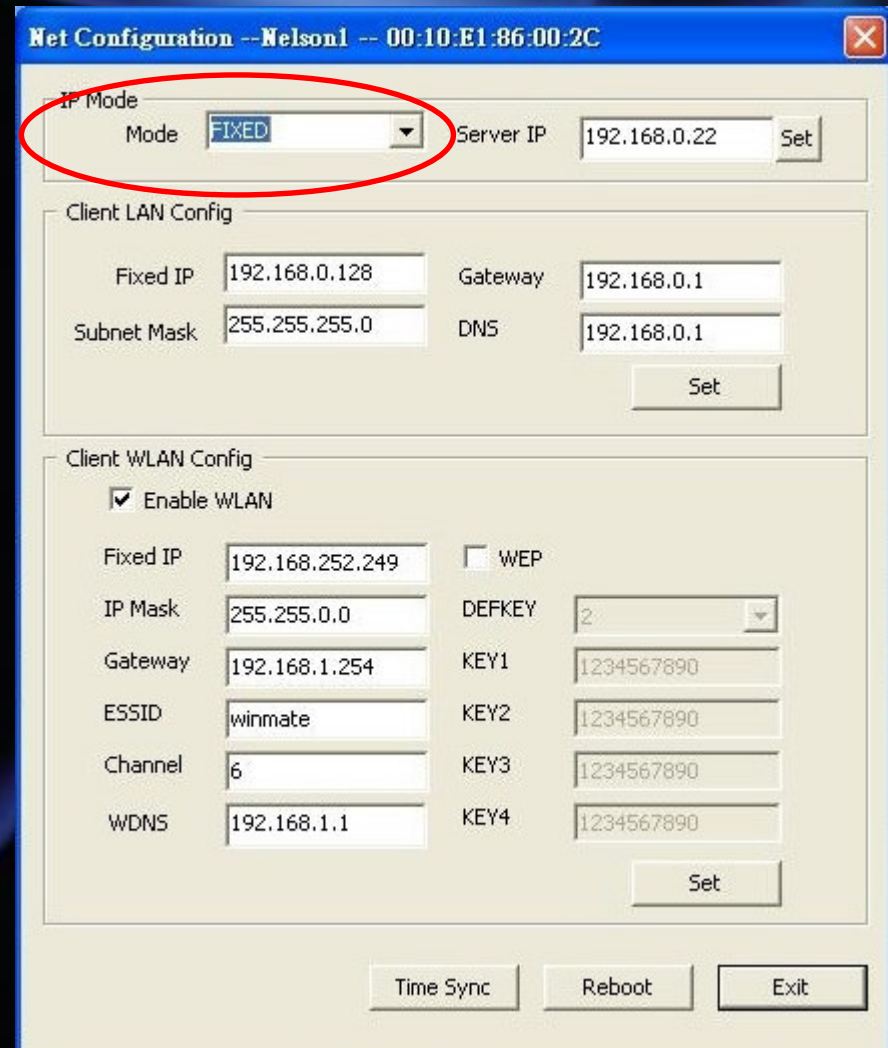
- Assume you have 100 clients within a group but you would like to assign half of them to different group, what are you going to do? Delete them then create new clients in a group? Media Signage Plus saves you the hassle. Now you can assign clients to different group with a simple click.



# Switch Client IP mode

**MSO Plus-> open/create a group  
-> highlight a client -> switch  
client IP mode**

- **In Media Signage Plus, you will be able to select different IP mode for clients.**
  - **Fixed mode is ideal for clients having fixed IP either inside Intranet or Internet.**
  - **DHCP mode is ideal for clients would like to obtain IP automatically through DHCP server.**



The screenshot shows a 'Net Configuration' window for a device named 'Nelson1' with MAC address '00:10:E1:86:00:2C'. The 'IP Mode' section is circled in red, showing the 'Mode' dropdown menu set to 'FIXED'. The 'Server IP' is set to '192.168.0.22'. Below this, the 'Client LAN Config' section includes fields for 'Fixed IP' (192.168.0.128), 'Subnet Mask' (255.255.255.0), 'Gateway' (192.168.0.1), and 'DNS' (192.168.0.1). The 'Client WLAN Config' section has 'Enable WLAN' checked, 'Fixed IP' (192.168.252.249), 'IP Mask' (255.255.0.0), 'Gateway' (192.168.1.254), 'ESSID' (winmate), 'Channel' (6), and 'WDNS' (192.168.1.1). It also includes a 'WEP' section with 'DEFKEY' (2) and four keys (KEY1-KEY4) all set to 1234567890. At the bottom, there are buttons for 'Time Sync', 'Reboot', and 'Exit'.

# AA Double Protection (Authentication)

## Authentication Protection

- MSO Plus will ask administrator password when users are trying to gain access to Media Signage management software.



A screenshot of a Windows-style dialog box titled "Password". The dialog box has a standard title bar with a close button (X) in the top right corner. The main content area contains the following elements:

- The text "Please input administrator password" is centered above a single-line text input field.
- The text "Please select language" is centered above a dropdown menu.
- The dropdown menu currently displays "English" and has a small downward-pointing arrow on its right side.
- An "Enter" button is located at the bottom right of the dialog box.


# AA Double Protection (Authorization)

## Authorization Protection

- MSO assigns a client to the Un-assigned group when a new connection is trying to fetch media content from MSO. Media Play list downloading will not happen until client authorization is done by system administrator.



Server (Windows-based PC with MSO installed)



Media Signage Client will not get any content until it is authorized by administrator



Media Signage Client

## Firmware Update via USB / LAN

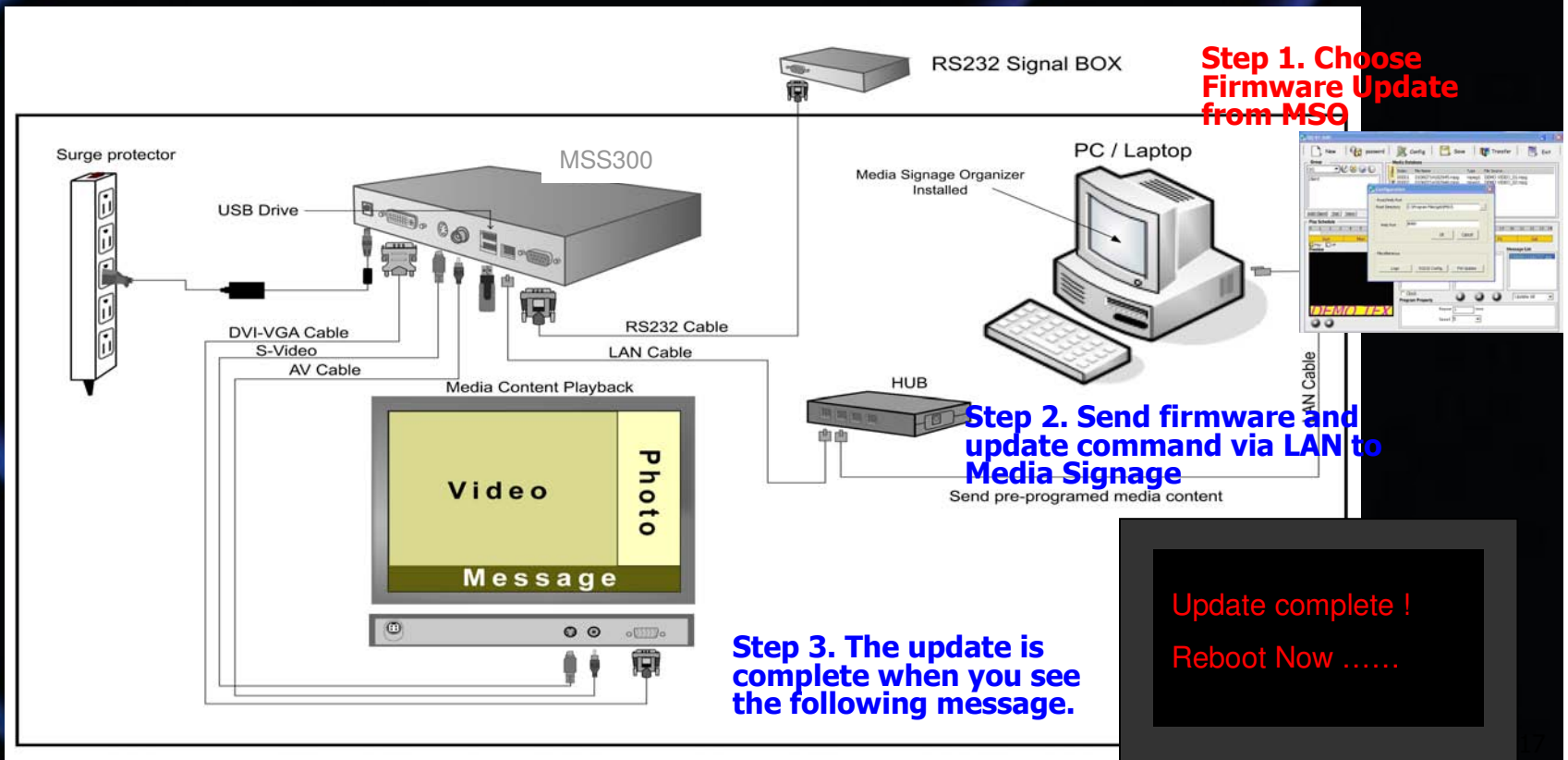
- Ever since a while, we add new features in MSO to meet customer's requirement. You can fully utilize those features by updating the latest firmware.
- You will be able to check the firmware version of Media Signage in the beginning of system boot up to decide if you need firmware update.



# Firmware Update via LAN

## MSO Plus -> Config -> FW Update

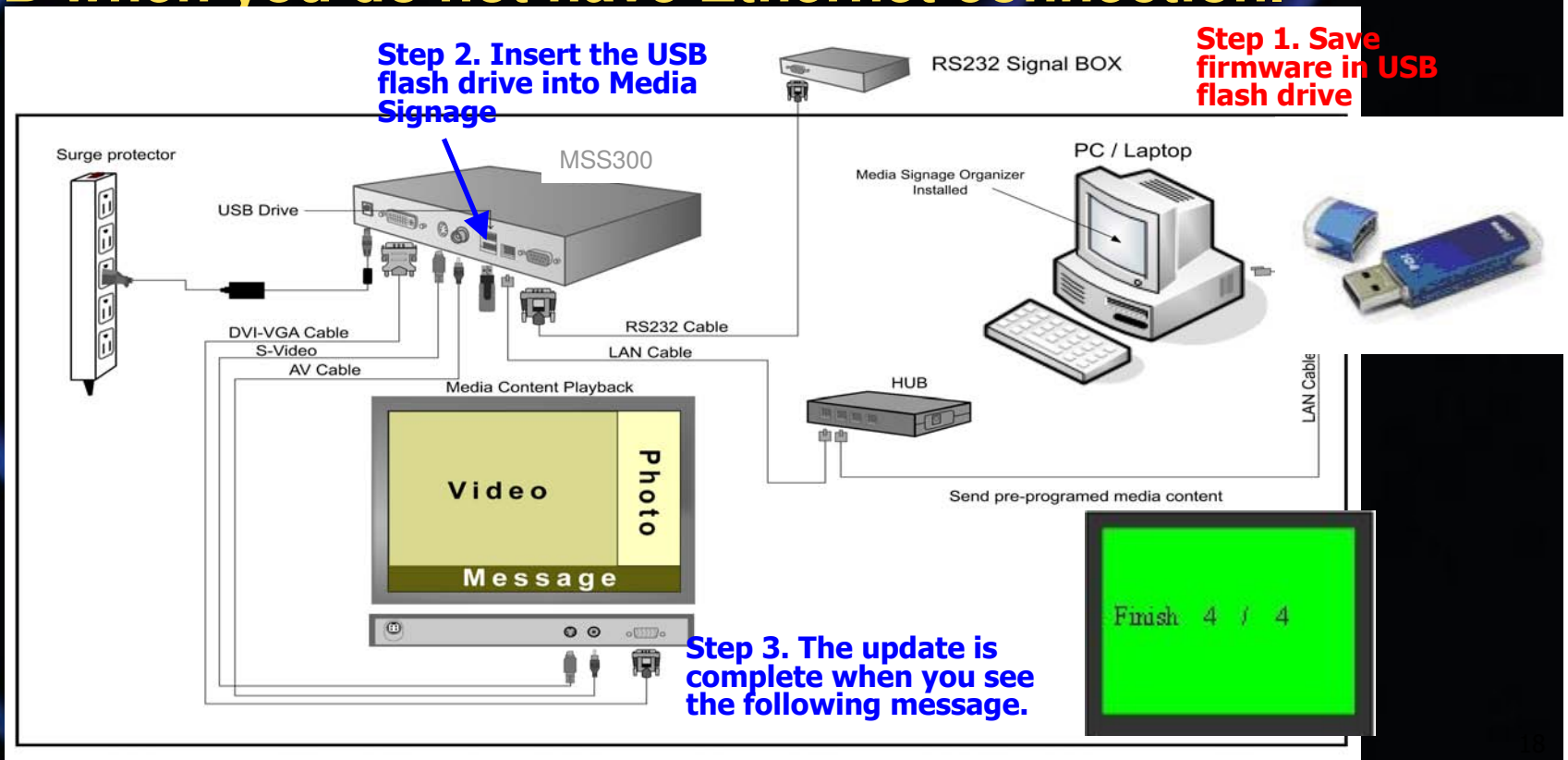
- This is the most convenient way to update client's firmware remotely or update all clients' firmware within a group.



# Firmware Update via USB

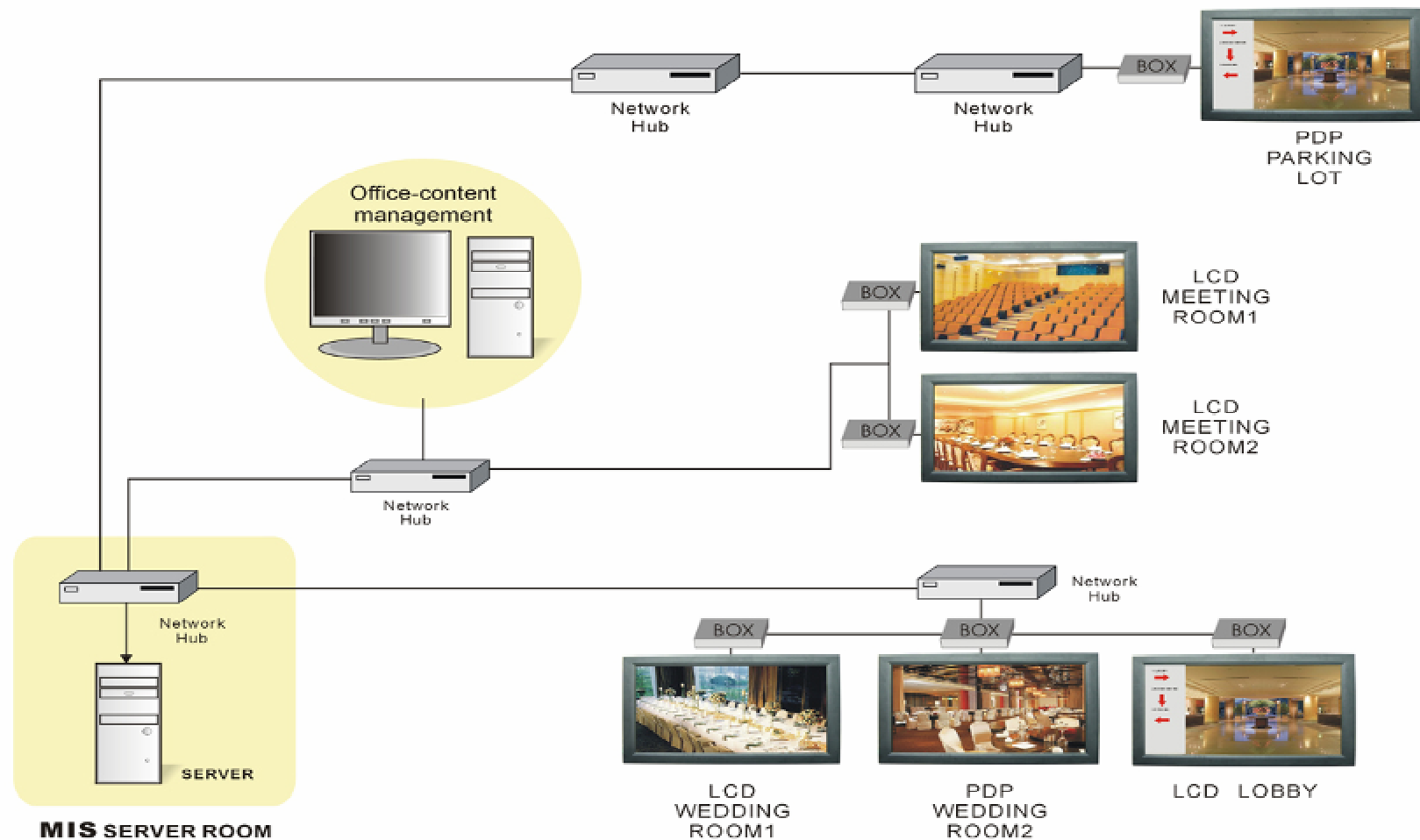
**Extract firmware file to a USB flash drive -> insert the USB drive into Media Signage -> power on Media Signage**

- You may choose to update client's firmware via USB when you do not have Ethernet connection.**



# Application Scene - Hotel

- Lobby, Wedding room, Meeting Room,...



# Application....

- Restaurant



- Corporate Front-Desk



- Airport Signage



- Office building/ Elevator



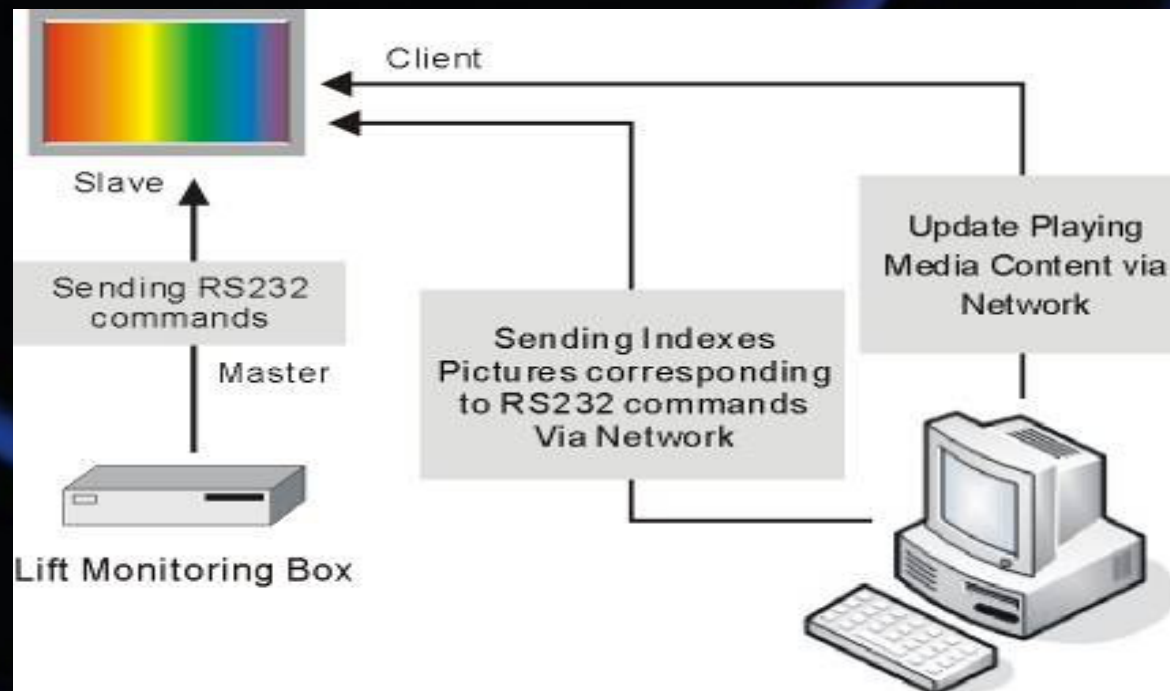
# Application...

- Night club



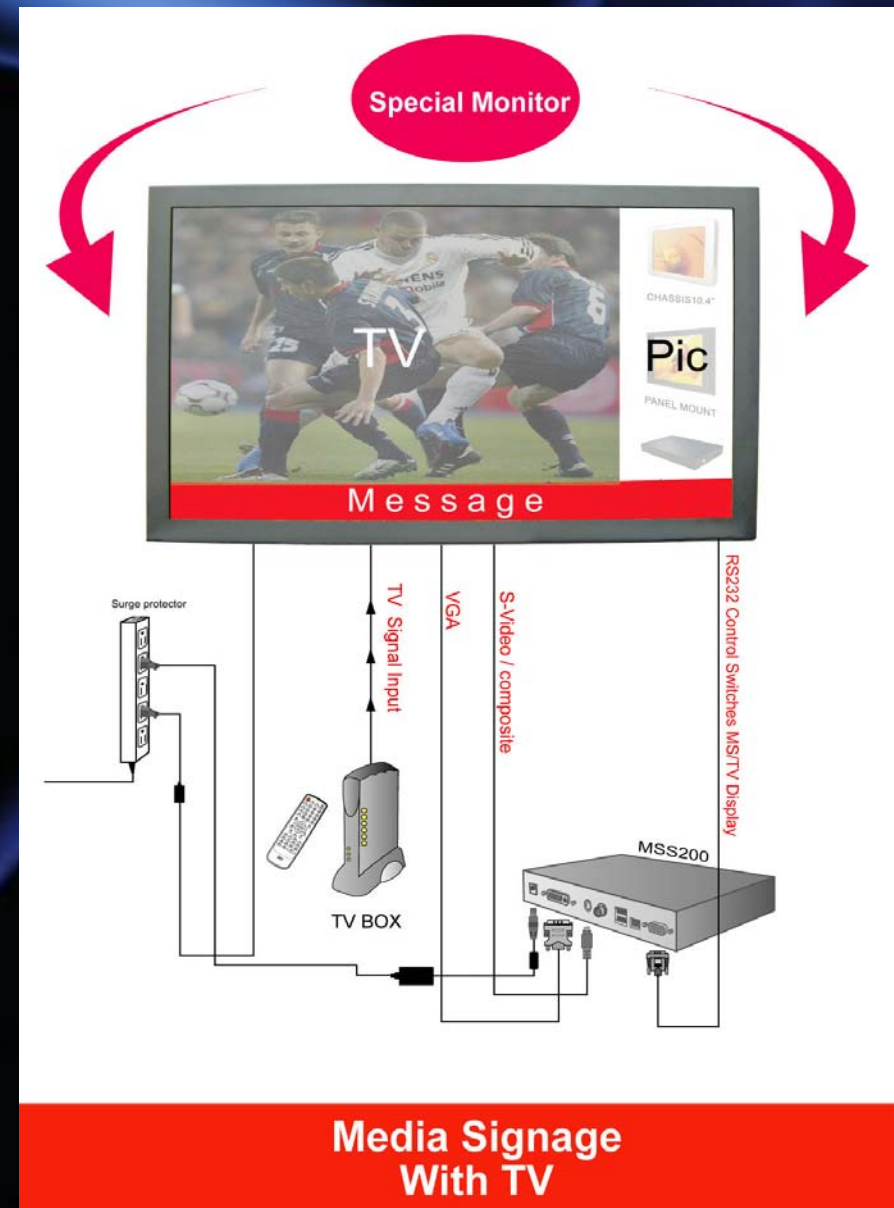
# Add-on Play Control

- **RS232 control in elevator**
  - Sending RS232 commands to MS, so that MS will react some pre-determined actions (paste picture, paste index, pause, fast forward,...)
  - RS232 connection channel is for sending command only.
  - Ethernet connection channel is for sending Media contents and pre-determined actions' data (pictures/ indexes want to paste)
  - The re-act of MS to the RS232 command is real-time.



# Add-on Play Control

- RS232 control for TV function
  - switch between Media Signage content and TV display through RS-232 port
  - Need extra TV box
  - Need special monitor to recognize RS232 command



# Product Outlook

- Box



- 15"



- 32"(16:9)



# Package /Accessories

- **Main System** x1
- **DC Adapter** x1
- **Power Cord** x1
- **User Manual CD** x1
- **DVI to VGA cable** x1 (Box only)
- **Remote Controller** x1 (LCD only)



# Order Information

Panel Size	Part Number		
	Open Frame	Chassis	
7"	WOPMS1500C3	WCHMS1500C3	
15"	WOPMS1500C3	WCHMS1500C3	
17"	WOPMS1700M1	WCHMS1700M1	
19"	WOPMS1900M1	WCHMS1900M1	
20.1"	WOPMS2010A3	WCHMS2010A3	
23"	WOPMS2300L1	WCHMS2300L1	
26"	WOPMS2600A2	WCHMS2600A2	
32"	WOPMS3200A1	WCHMS3200A1	
42"	WOPMS4200L1	WCHMS4200L1	

Optional: Wireless, 1G or 2G CF, VOB File ( Dobby ), RS232, Hard Disk 40GB

**Thank You**

**Please contact our Sales  
for more product details**

**1-888-483-2418**

**or visit our website at  
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