



# Setting Up Zoom Rooms on XMP-8550/XMP-8552



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# Hardware and Software

Hardware and software that needs to be prepared

Software download link

# Hardware and Software

1. Windows PC1: to update and export content on XMP locally or remotely

- SignApps Express: <https://support.iadea.com/hc/en-us/articles/900000827623--Software-Download-SignApp-Express-Version-3-2-3>
- AirDroid Cast (Web client): <https://webcast.airdroid.com/>

2. Windows PC2: to host Zoom Rooms

- Zoom Rooms for Conference Rooms and Touchscreen Displays: <https://zoom.us/download>
- AirDroid Personal (Desktop app): [https://www.airdroid.com/download/airdroid-personal/?gad\\_source=1&gclid=CjwKCAiA6KWvBhAREiwAFPZM7nUtHTyXreMach4dCNkE51gtLyjStxrVY1v8cE65J46purSRpZbc\\_BoCNrYQAvD\\_BwE](https://www.airdroid.com/download/airdroid-personal/?gad_source=1&gclid=CjwKCAiA6KWvBhAREiwAFPZM7nUtHTyXreMach4dCNkE51gtLyjStxrVY1v8cE65J46purSRpZbc_BoCNrYQAvD_BwE)

3. IAdea XMP-8550/XMP-8552

- Require internet connection

4. Zoom Controller

- Zoom Rooms Controllers: <https://room-controller.en.uptodown.com/android>

Windows PC1



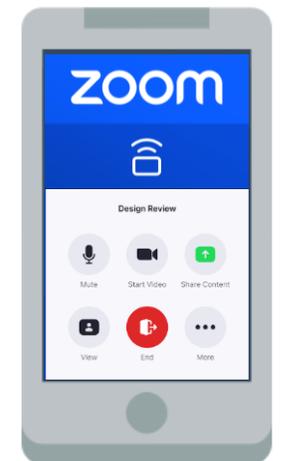
Windows PC 2



IAdea XMP-8552/XMP-8550



Mobile Device/Zoom Controller



# Hardware and Software

## Abstract:

1. To display a digital signage content on XMP, user will need to use SignApps Express (installed on PC1) to **design the playlist and export** to media player.
2. To mirror Zoom Rooms (installed on PC2) on XMP, user will need to **establish a VNC session** using AirDroid Cast.
3. To establish VNC session using AirDroid Cast, user will need to **input the pairing code** generated through AirDroid Cast client (displayed on XMP) into AirDroid Cast Desktop app (installed on PC2).
4. To display the AirDroid Cast pairing code on XMP, user will need to **assign the AirDroid Cast client URL to one of the zone** in SignApps playlist.
5. Zoom Rooms will be displayed on XMP once VNC session has been established and Zoom Rooms is launched on PC2.
6. To **start a Zoom meeting**, user will need to use a separate controller (could be a mobile device)

Windows PC1



Windows PC 2



IAdea XMP-8552/XMP-8550



Mobile Device/Zoom Controller



# Setup

Creating a personalized playlist with SignApps Express

Export content to media player

Setup PC for AirDroid and Zoom Rooms

Mirror PC to media player via AirDroid

Create a new meeting with Zoom Rooms

Windows PC2



IAdea XMP-8552/XMP-8550



D. Mirror PC2 on media player with **AirDroid Cast**

E. Launch **Zoom Rooms** and sign in

C. Setup Windows PC2 to host Zoom Rooms and AirDroid Personal app

B. Export playlist to media player

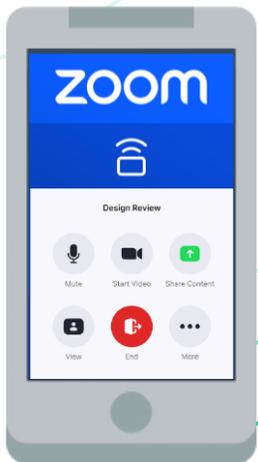
A. Design a playlist with **SignApps Express** and use HTML widget to display **AirDroid Cast URI**

Windows PC1



F. Use **Zoom Controller** to start a meeting

Zoom Controller



# A. Design SignApps Express Playlist

## ❖ Case 1: Zoom Rooms as default content

1. Install and launch SignApps Express on Windows PC1
  - <https://support.iadea.com/hc/en-us/articles/900000827623--Software-Download-SignApp-Express-Version-3-2-3>
2. Name and create a SignApps playlist
  - Type the name on the [New playlist name] field
  - Click [Create playlist] and select [All models / Legacy models]
  - Filter the selection by resolution, orientation, and number of zones
  - Select one layout by double clicking on it
3. Assign a zone for ZOOM ROOMS
  - Tap on one of the zone to display the [Looping playback] tab on the right side
  - Click [Downward arrow] button, select [Widget]>[Webpage]
  - Fill the URL with AirDroid web client: <https://webcast.airdroid.com/>

## Reference:

- SignApps Express user manual
  - [https://support.iadea.com/hc/en-us/articles/900001031326-SignApp-Express-3-2-1-User-ManualThen disable \[Zoom Rooms\]](https://support.iadea.com/hc/en-us/articles/900001031326-SignApp-Express-3-2-1-User-ManualThen%20disable%20Zoom%20Rooms)

The image shows three sequential screenshots of the SignApps Express software interface:

- Screenshot 1:** The main window shows a menu bar with 'File', 'Language', 'Tools', and 'Help'. Below the menu, a text field contains 'ZOOM ROOMS' and a 'Create playlist' button is to its right. A hand icon points to the 'Create playlist' button.
- Screenshot 2:** A 'Select player model' dialog box is open. It lists various media player and smart signboard models. The 'All models / Legacy models' checkbox is checked and highlighted with a red box. A hand icon points to this checkbox. To the right, a preview window shows a signboard layout with a 'LOGO' and two zones. A hand icon points to one of the zones.
- Screenshot 3:** The 'Looping playback' tab is active on the right side of the interface. A dropdown menu is open, showing options: 'Widget', 'Video streaming', and 'Media URL'. The 'Widget' option is selected. A hand icon points to the 'Widget' option. Below the dropdown, a 'url' field contains 'https://webcast.airdroid.com/' and is highlighted with a red box. A hand icon points to the 'url' field.

# A. Design SignApps Express Playlist

❖ Case 2: ZOOM ROOMS as scheduled playlist

4. Example for SignApps Express Scheduling:

Ex:

- Digital Signage: Default
- Zoom Room: Monday to Thursday from 9am to 12pm
- Screen Off: Weekend

How to add schedule?

- Open a playlist used for default digital signage content by double click on it.
- Click [Edit schedule] and [Add schedule].
- Enter [Event name], select [Presentation] for ZOOM ROOMS content or [Screen off] for inactive time period.
- Choose the preferred schedule and click [OK]
- Pick a layout by double clicking it and design your second presentation.

4.

The screenshot shows a playlist card for 'ZOOM ROOMS'. It features a thumbnail image of a clownfish, a green 'HTML 5' logo, and the following text: 'ZOOM ROOMS', '2778231f-1b98-4345-8f6f-c5dc5d65e61b / 1P5ZGF2778', 'Last modified: 3/8/2024 4:03:16 PM', and '0 players are using this playlist'. A hand icon with '2X' indicates a double-click action.

This screenshot shows the main interface with a 'Main menu' button and an 'Edit schedule' button. A hand icon points to the 'Add schedule' button. Below, the 'Default presentation' is set to 'Every Mon-Sun All day' with a checkmark icon.

Two side-by-side screenshots of the 'Add schedule' dialog box. The left window shows the 'Event name' as 'ZOOM ROOMS', 'Presentation' selected, 'Weekly' frequency, and days Mon, Tue, Wed, Thu selected. The time is set from 09:00 to 12:00. The right window shows the 'Event name' as 'Inactive', 'Screen off' selected, 'Weekly' frequency, and days Sat, Sun selected. The time is also set from 09:00 to 12:00. Both windows have 'OK' and 'Cancel' buttons.

This screenshot shows the updated playlist interface. It lists three items: 'Default presentation' (Every Mon-Sun All day), 'ZOOM ROOMS' (Every Mon-Thu 09:00 - 12:00), and 'Inactive' (Every Sat-Sun All day). A large 'HTML 5' logo is displayed on the right side of the screen.

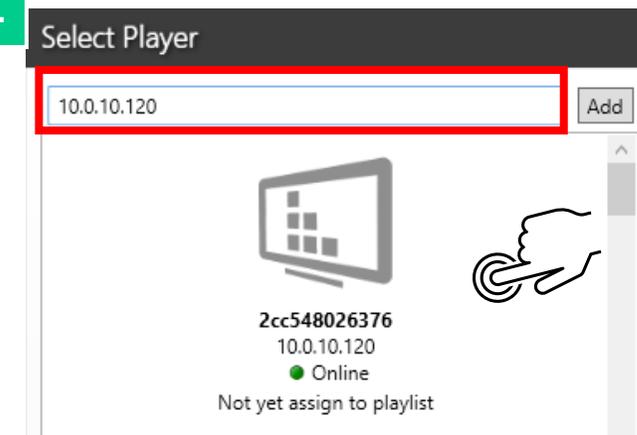
# B. Export Playlist to XMP-8550/XMP-8552

1. Power up the devices and connect it to the internet.
2. On SignApps Express, open up the playlist that you want to display on IAdea player.
3. Click [Downward button] next to the [Save/export to player] button.
  - Export to player: no license required, export through LAN (player and PC for SignApps Express needs to be within the same LAN)
  - Export to USB: no license required, export to USB drive root and plug the USB drive to the IAdea player
  - Export to cloud: IAdeaCare account and premium license required, export remotely through internet
4. Select media player through IP address search and press [OK]

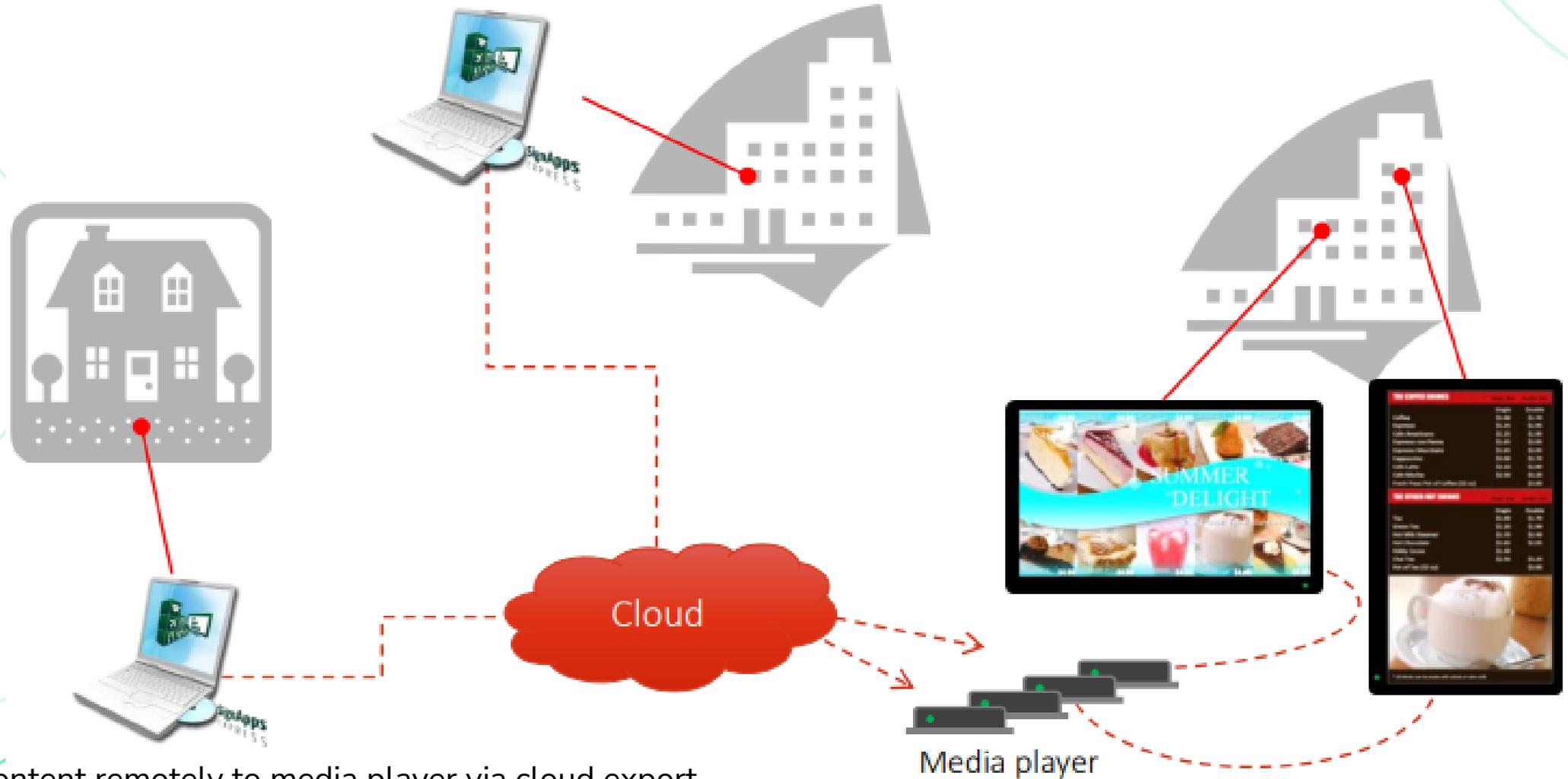
3.



4.



## B. Export Playlist to XMP-8550/XMP-8552



Reference:

- Export content remotely to media player via cloud export.
- [https://support.iadea.com/hc/en-us/article\\_attachments/900005223663](https://support.iadea.com/hc/en-us/article_attachments/900005223663)

# C. Setup Windows PC2 for Zoom Room



Used in our tutorial:

- HP Pavilion 3168NGW:  
<https://www.amazon.com/HP-Pavilion-Notebook-Computer-i7-8550U/dp/B077NF6NG4>

1. Install Windows 10 on the PC 2
2. Create an admin user “admin”
3. Create a local user “ZOOM ROOMS” as a standard user
  - No password
  - Select: [I don't have the person's sign in information] > [Add a user without a Microsoft account]
4. Login with the “ZOOM ROOMS” user

Reference:

- How to create additional user on Windows:
  - [Settings]>[Accounts]>[Family & other users]>[Add someone else to this PC]

# C. Setup Windows PC2 for Zoom Room



5. Install Zoom Rooms for Conference Rooms and Touchscreen Displays
  - <https://zoom.us/download>
6. Install AirDroid Personal (Desktop App)
  - [https://www.airdroid.com/download/airdroid-personal/?gad\\_source=1&qclid=CjwKCAiA6KWvBhAREiwAFPM7nUtHTyXreMach4dCNkE51gtLyjStxrVY1v8cE65J46purSRpZbc\\_BoCNRyQAvD\\_BwE](https://www.airdroid.com/download/airdroid-personal/?gad_source=1&qclid=CjwKCAiA6KWvBhAREiwAFPM7nUtHTyXreMach4dCNkE51gtLyjStxrVY1v8cE65J46purSRpZbc_BoCNRyQAvD_BwE)

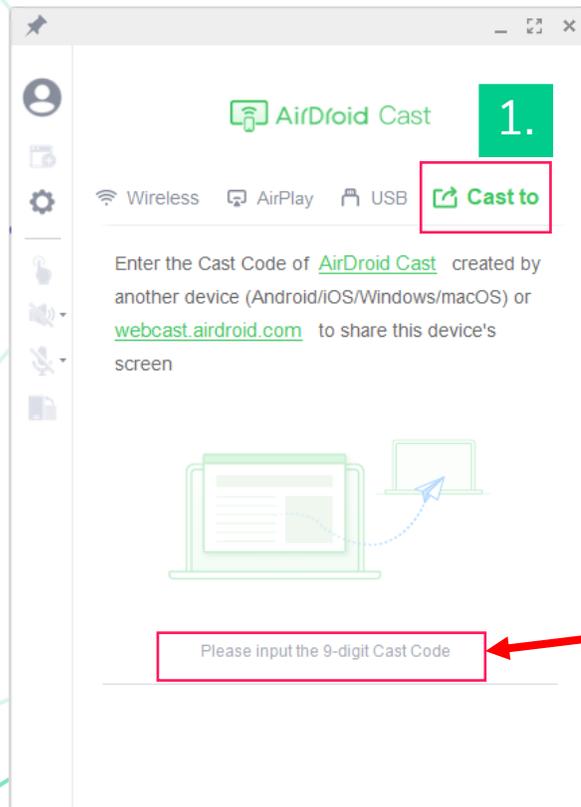


## Reference:

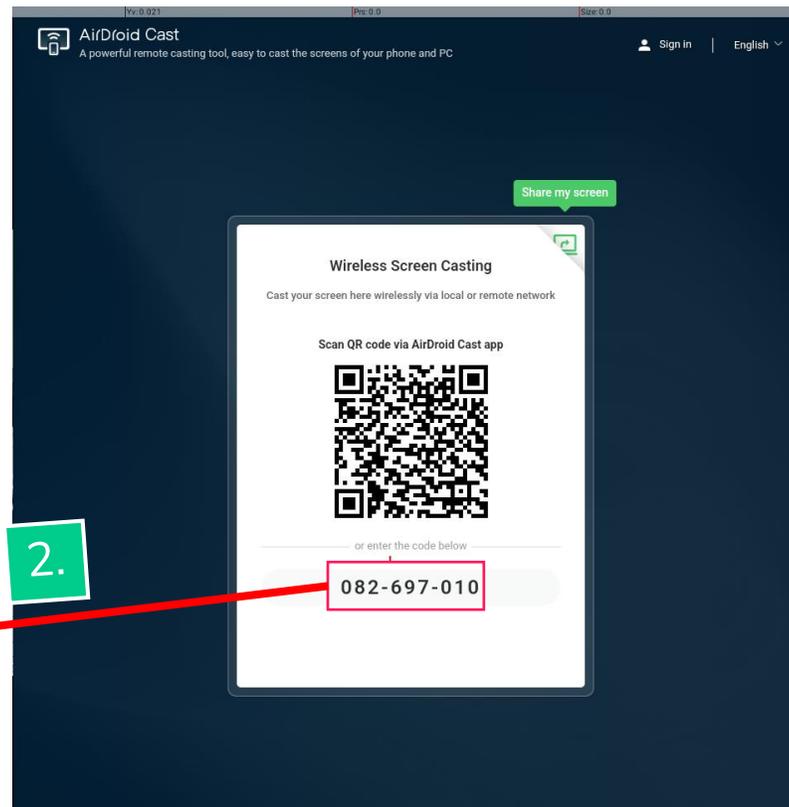
- If you prefer to disable ZOOMS ROOMS auto startup (enabled by default):
  - <https://support.microsoft.com/en-us/windows/set-apps-to-run-automatically-when-you-start-your-device-a5b64b3e-4483-4dad-abc7-027a863e1c2e>
  - Then disable [Zoom Rooms]

# D. Mirror PC2 on XMP-8550/XMP-8552

1. Launch [AirDroid Cast] on the PC2, then click [Cast to]
2. Input the pairing code being generated by the HTML widget on media player



On Zoom Room's PC

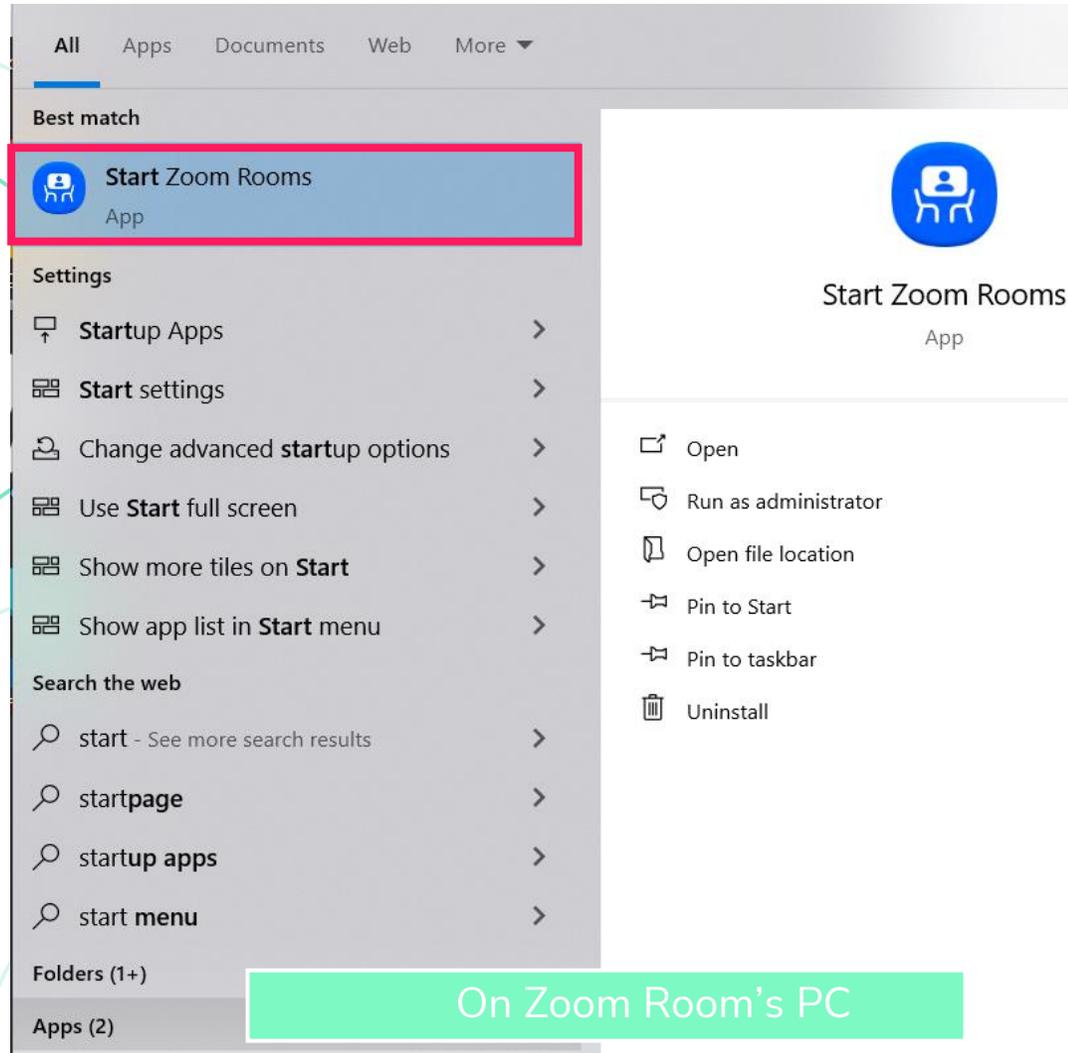


On XMP-8550/XMP-8552

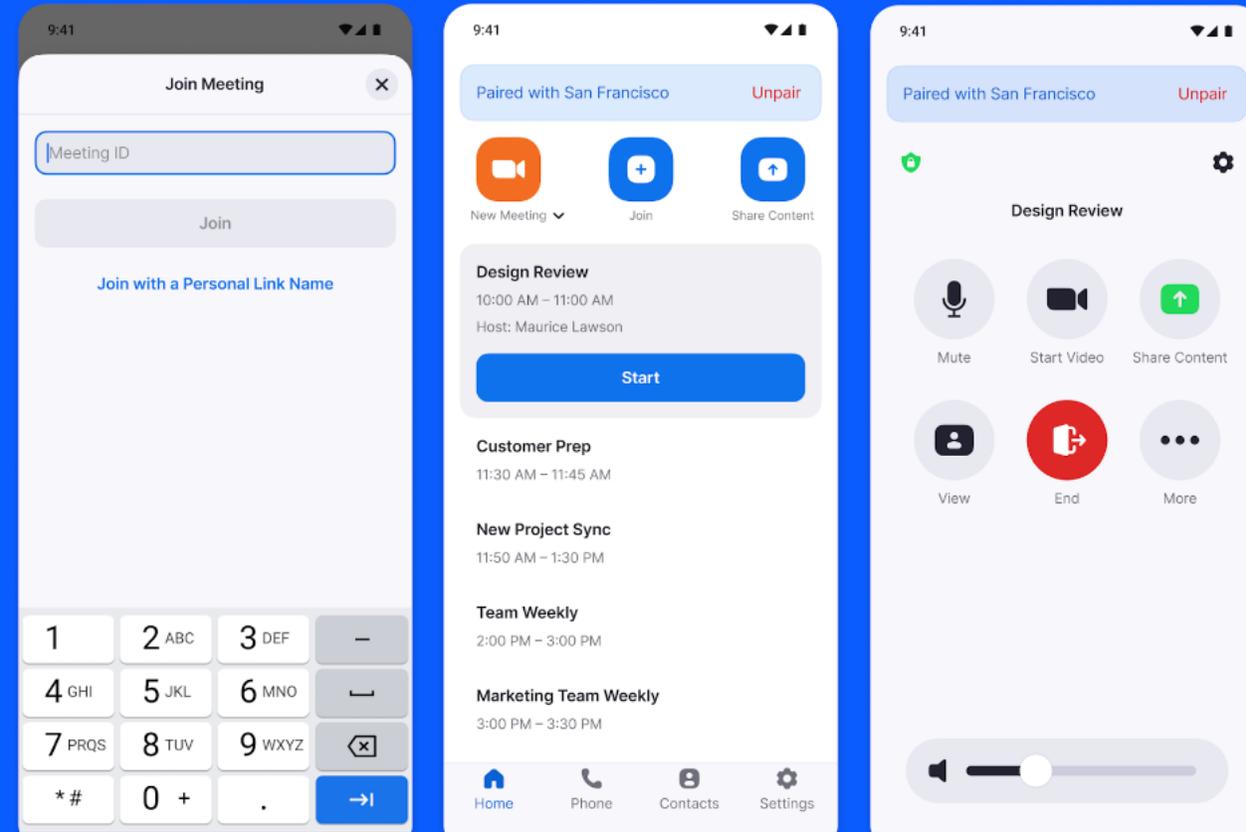
## Reference:

- How to switch between Zoom Rooms and Desktop page?
  - Shortcut key: Windows Key + D
  - Function: Zoom Rooms app will be launched upon startup and locked into the screen. You will need to a way to go to desktop and launch AirDroid

# E. Launch Zoom Rooms and Sign In



# F. Use Zoom Controller to Start a Meeting



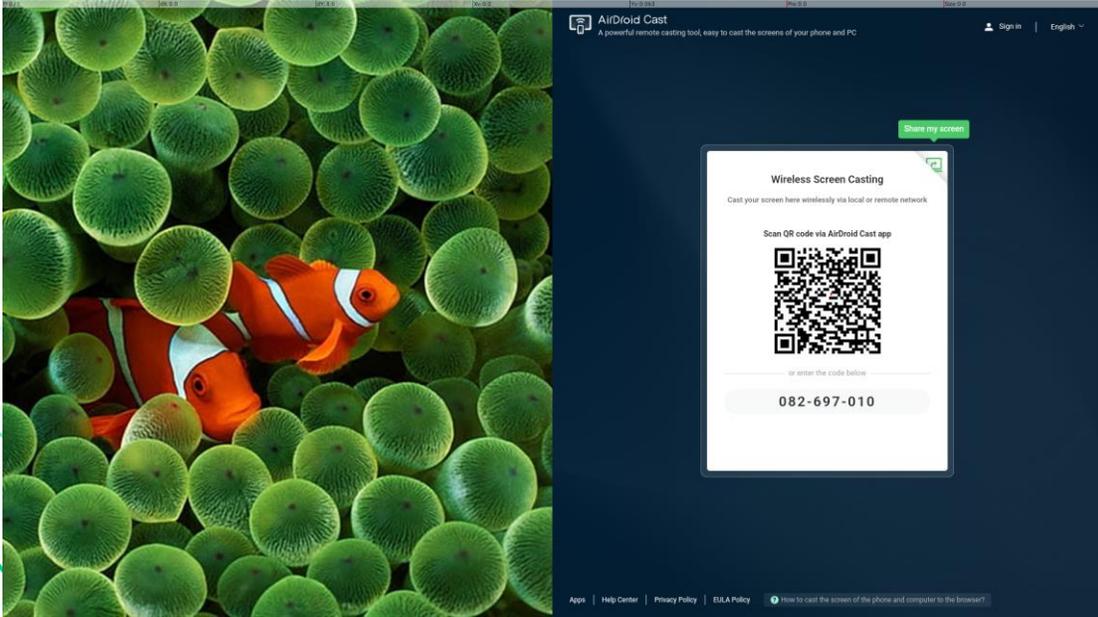
## Reference

- Configuring auto login for Windows:
  - [https://support.zoom.com/hc/en/article?id=zm\\_kb&sysparm\\_article=KB0065706](https://support.zoom.com/hc/en/article?id=zm_kb&sysparm_article=KB0065706)
  - Function: to bypass the Windows authentication process when system restart take places

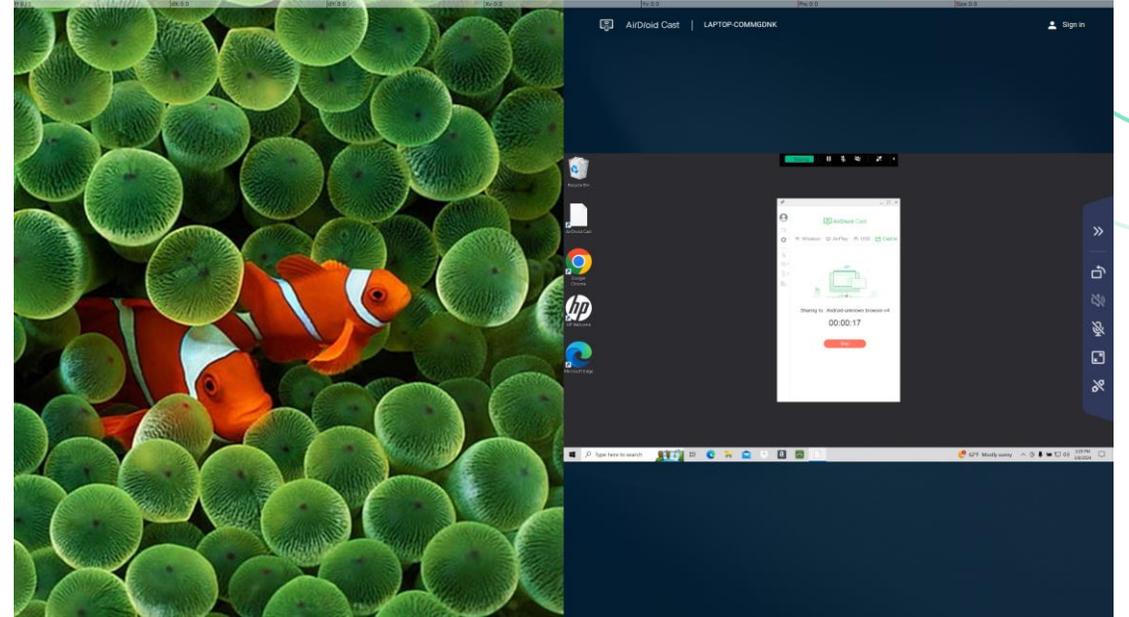
# Expected Results

What would you see on your media player?

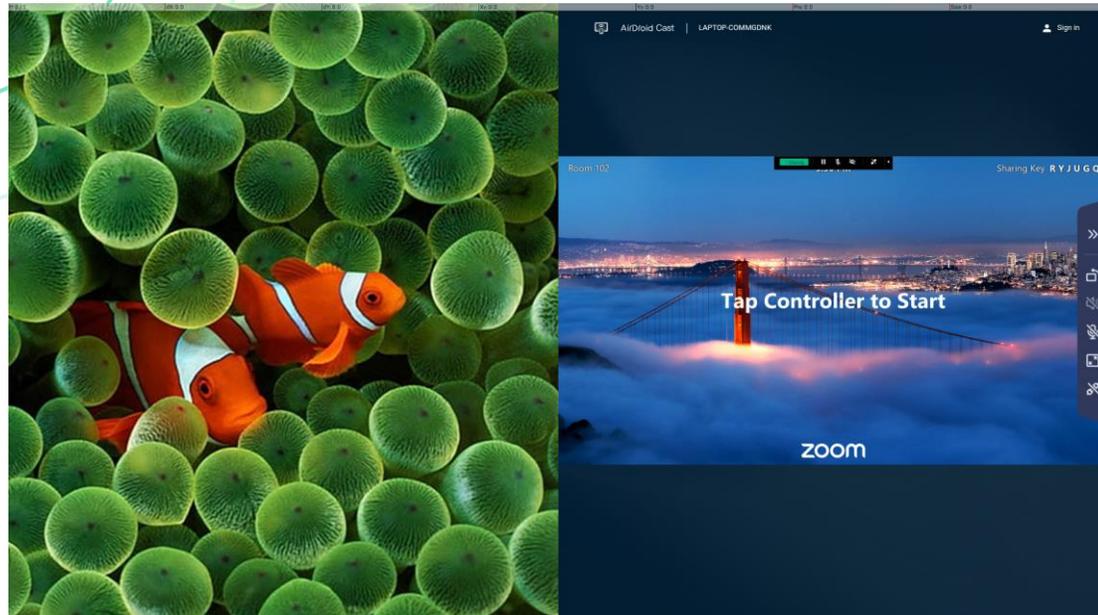
1. Before pairing with AirDroid



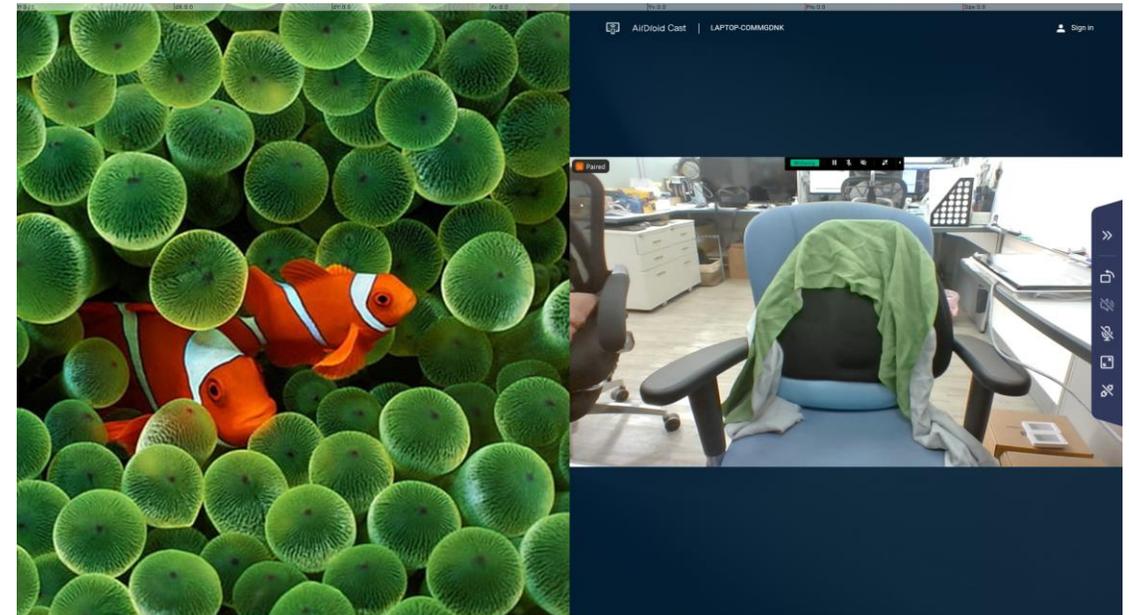
2. After pairing with AirDroid



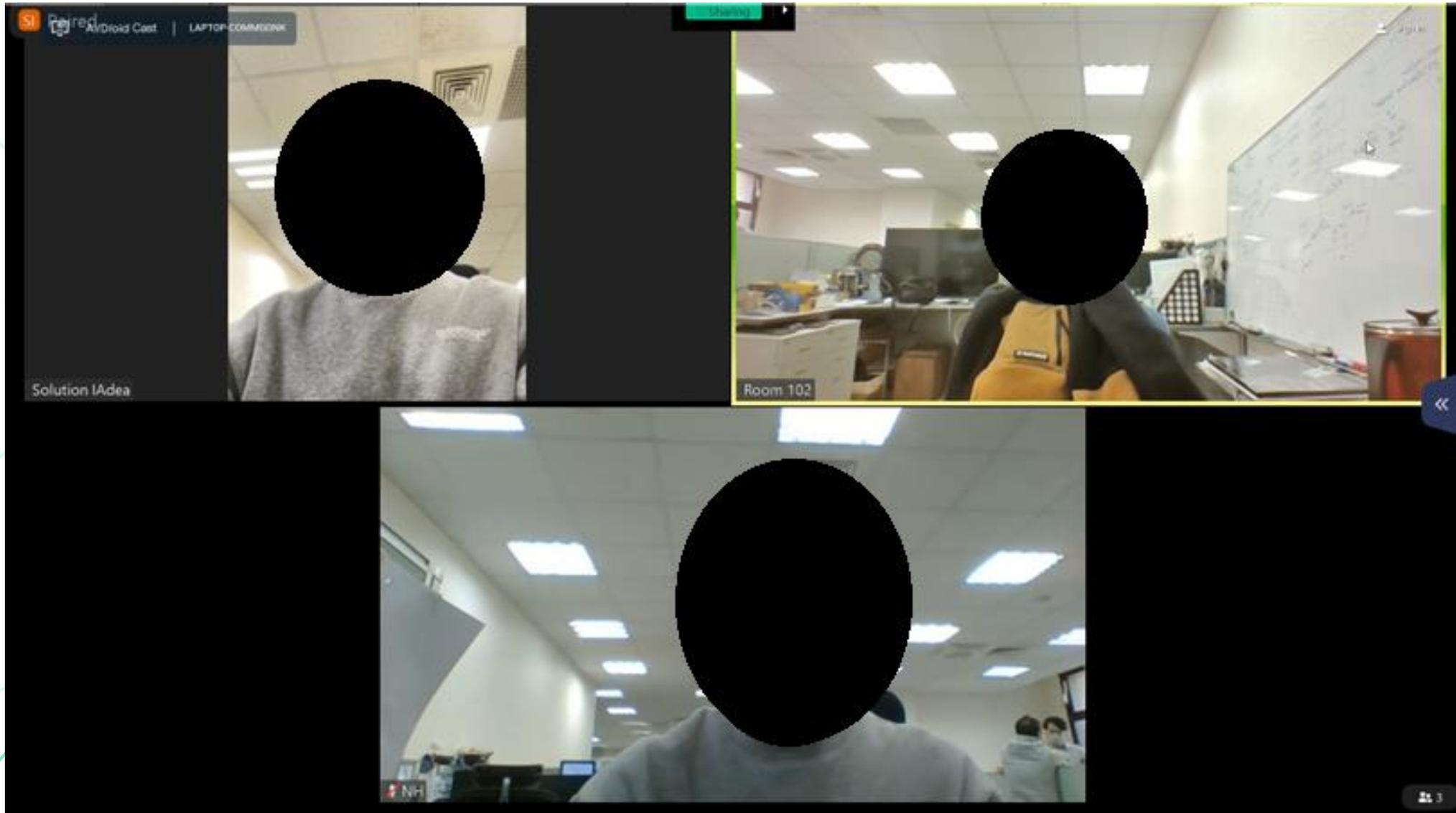
3. After launching Zoom Rooms



4. After creating new meeting with Zoom Rooms Controller



# Single Zone Layout-Zoom Rooms



# Limitations

Limitation of AirDroid

# AirDroid (Mirroring app)

- Average latency: about 0.8 minute
- Only could mirror 1 PC to 1 device

## Alternative:

- Screen Mirroring web client (Media Player): <https://screenmirroring.app/receiver?ref=tvee.app>
- Screen Mirroring desktop app (PC for Zoom Rooms): <https://screenmirroring.app/sender>



Thank you

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