

How to Upload Floor Plan and Layout Zone

Revision History

Date	Version	Description
August 2024	V1.0	First release

In real applications, some users will layout the zone in advance based on the floor plan which will save more time on site. So it is important for users to know how to upload the floor plan and layout the zone in Koolmesh web platform.

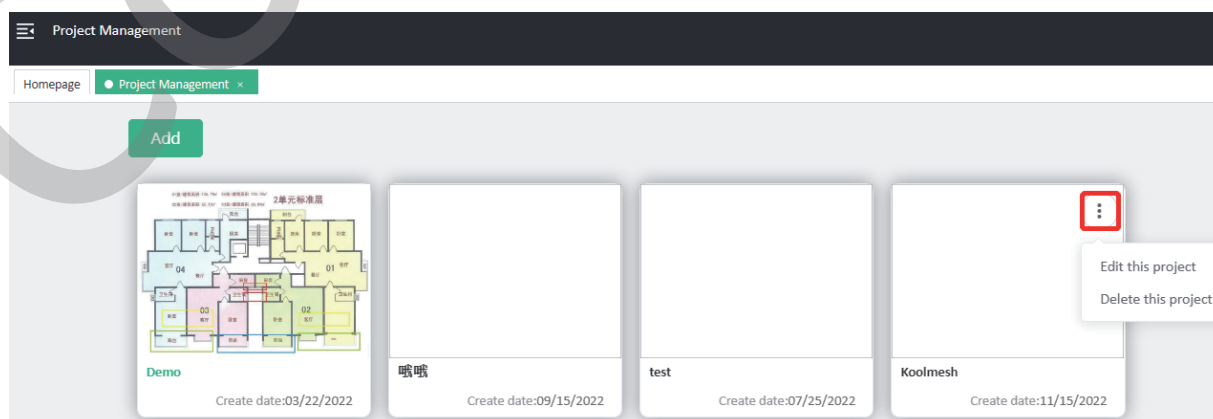
Create new project

Project Management → Add → name the project (example: Koolmesh)

- If users want to upload the picture for their project, then the picture format must be JPG,PNG,JPEG or BMP
Image file size must be less than 3 MB, recommended picture ratio 4:3 (length:width),length 216px, width 162px



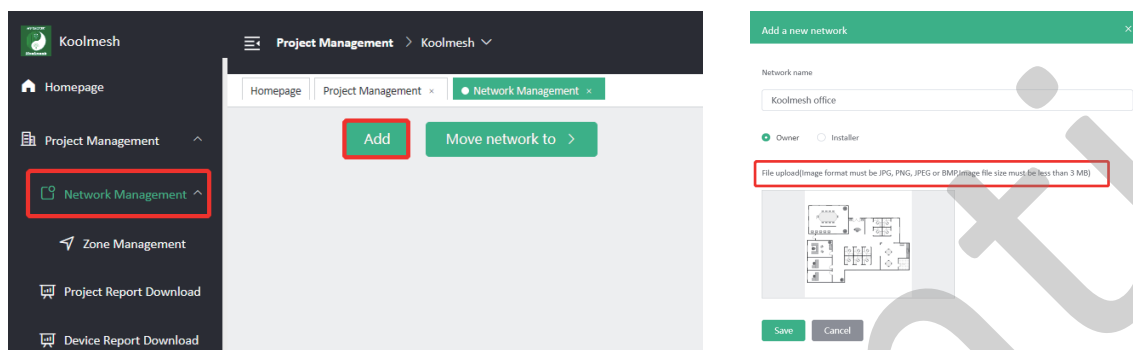
After creating, users can edit the project by clicking :



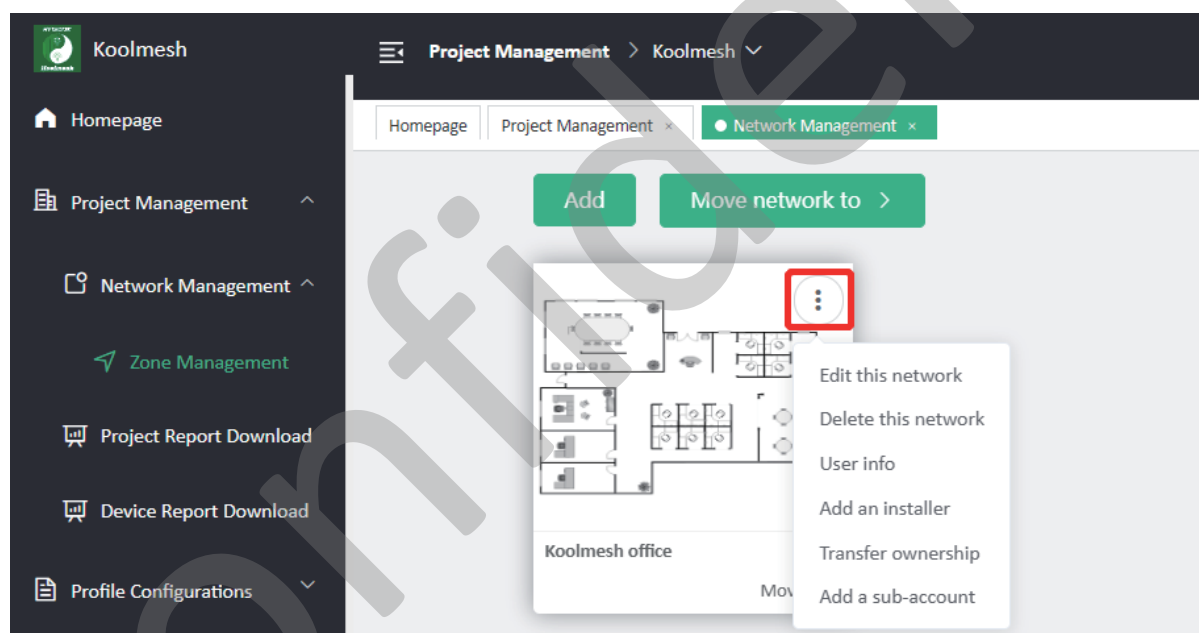
Create new network

Network Management → Add → name the network and choose the identity → upload floorplan(example: Koolmesh office)

The format of floorplan must be JPG,PNG,JPEG or BMP, image file size must be less than 3 MB



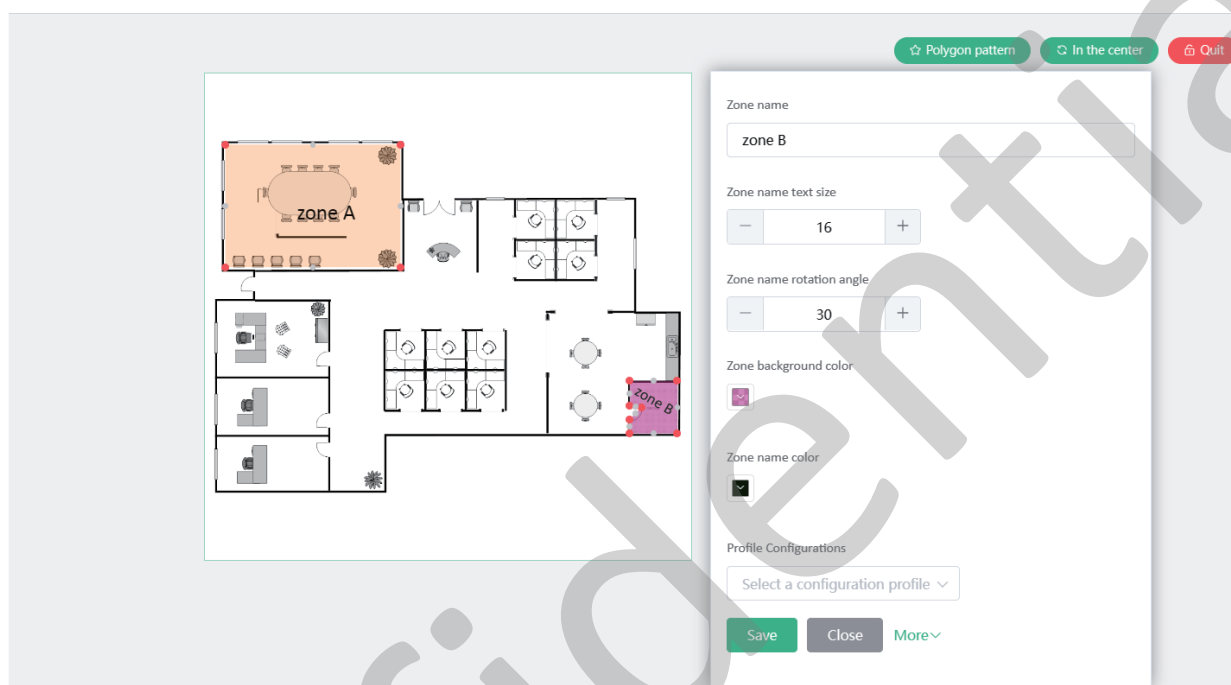
After creating, users can edit the project by clicking ⋮



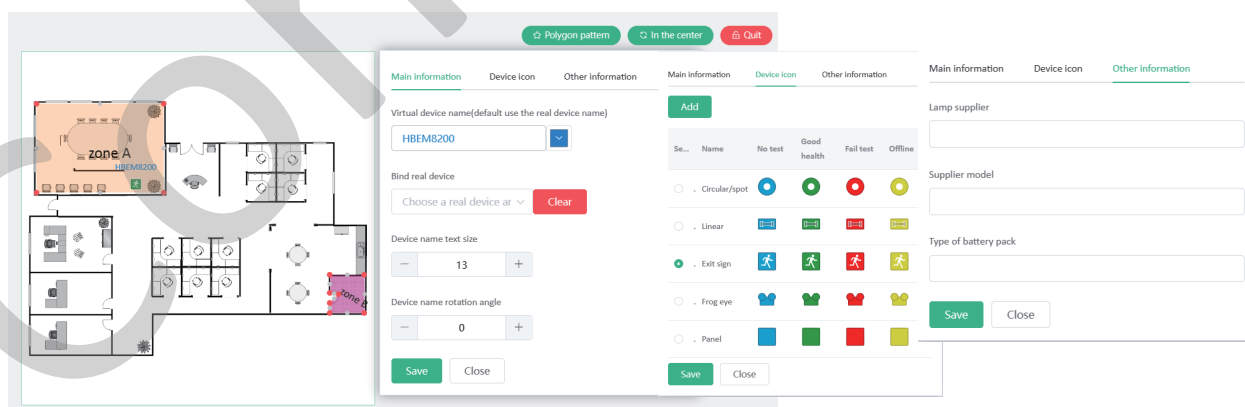
Layout zone

Zone Management → Enter edit mode → clicking right mouse → add new zone(example: zone A) using rectangle pattern, the Zone can be any shape (example : zone B) using polygon pattern → profile configurations → save

The zone can be any shape and the zone name and can be any angle, just need to modify the parameter as your request.



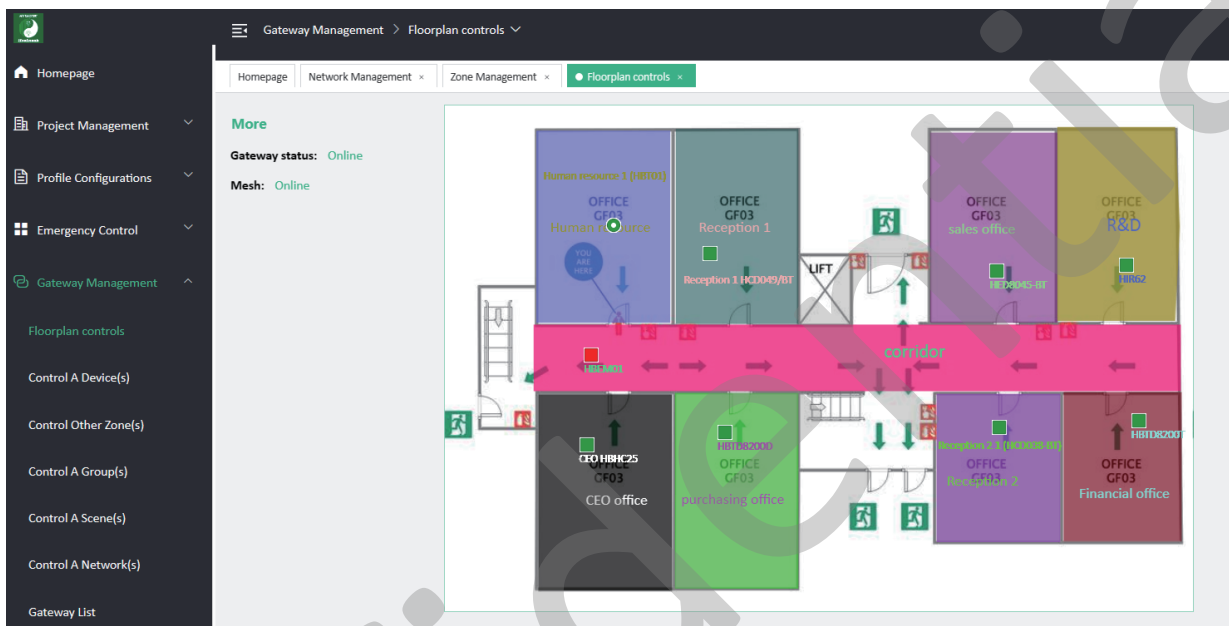
After creating, users can edit the network and add virtual device ,bind the real device by clicking the right mouse. If there have device in user's network, then users can bind the real device or users can add the virtual device only. Users can choose different icons according to their luminary sharp or fill in some basic information of the device. The more information they can provide to complete their project, the more intuitive when they check the project.



If users have layout the zone and bind the real device, when there is a gateway in the mesh network, then user able to remote control the zone and device and the latest mesh status will be presented accordingly in the floorpaln controls section.

Example

If you layout the project with different zones and bind the virtual device to the real device, then you can check the latest status of devices (mesh status) and you can check the latest fault record if there is any fault detected by the emergency device. What's more, if you have filled in all the device's basic information, then when your mouse move to the corresponding device, then it can present all the related information. The more information you have completed, the more information will be presented.



If the devices are marked green to indicate mesh in good condition;

If the devices are marked yellow to indicate mesh off-line;

If the devices are marked red to indicate fault detected (mostly for Emergency device);

If the devices are marked blue to indicate the self-test never been tested (mostly for Emergency device).

