

Night Owl Automatic Furniture Scanning



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AMS

Night Owl automatically recognises beds and chairs, and these can be used to set alarms for fall prevention. Use the AMS button on the Service Recipients page in the Night Owl customer portal to scan furniture and manually mark other room areas.

Name	Nattugla S/N	Groups	Recent Status	Anonymization	Alarm	AMS	Pause	Edit	Delete
3430033F @ 3430033F	NUA10015		Last seen: 8 minutes ago Last furniture markings modified: 3 hours ago						
3430032B @ 3430032B	NUA13191		Last seen: 6 minutes ago						
34300318 @ 34300318	NUA13499		Last seen: 5 minutes ago						

- **Note**

When clicking on the AMS button you will see a warning sign notifying you that Night Owl will capture an image of the room. This picture will be used to confirm the furniture detection. This image will be stored in the Night Owl server for seven days before being deleted. If there is no person in the image, there will be no personal data stored. If the image doesn't need to be stored, it can be deleted as soon as the furniture scan is completed.

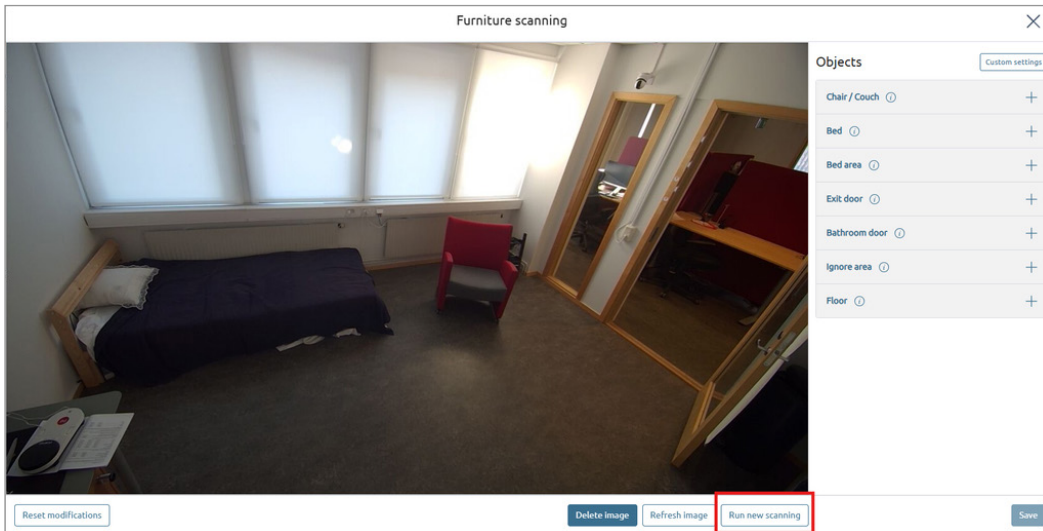
Confirm

Nattugla requests to capture an image. This image will be used to confirm the furniture detection. The image will be stored for 7 days, but you can manually delete the image after you have confirmed the furniture detection. The furniture detection process may take up to 30 seconds.

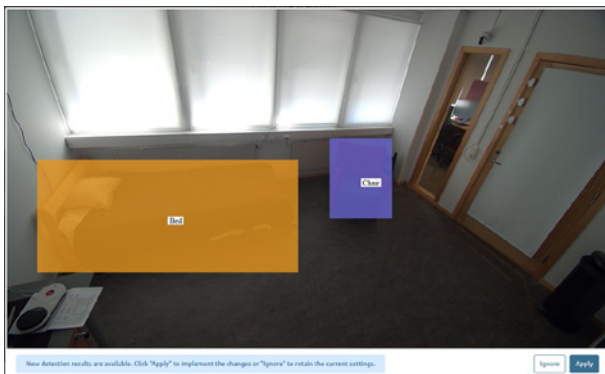
[Go back](#) [Continue](#)

Begin a new scan

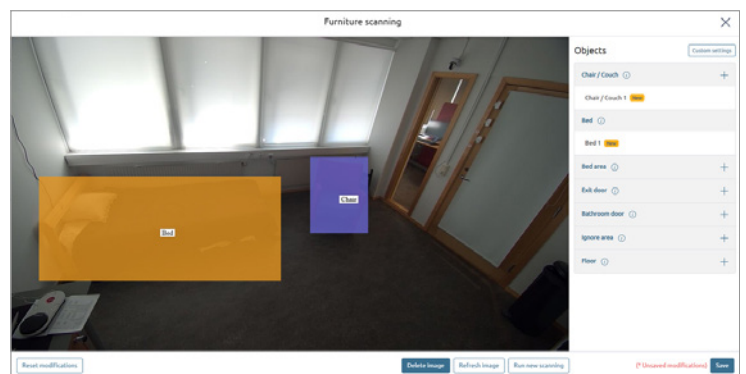
Click **Run new scanning** in the lower right corner. Scanning should be complete within 30 seconds.



When a scan is complete, click on **Apply** to save the new settings.



Click on **Save** to save the furniture scan.

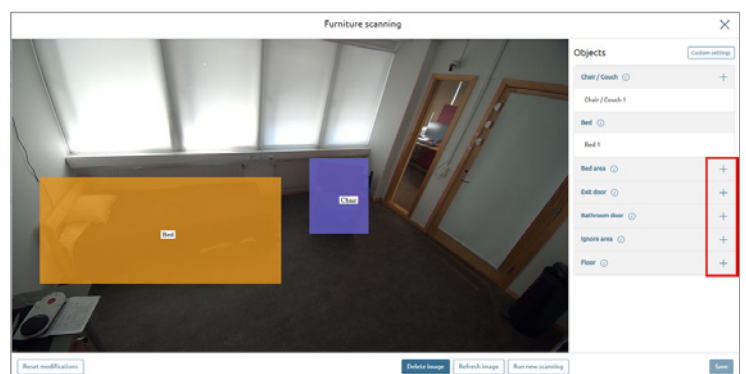


- **Previous furniture scanning**

If the furniture has previously been scanned and not deleted, you will see an image from the existing scan.

- **Fixed markings**

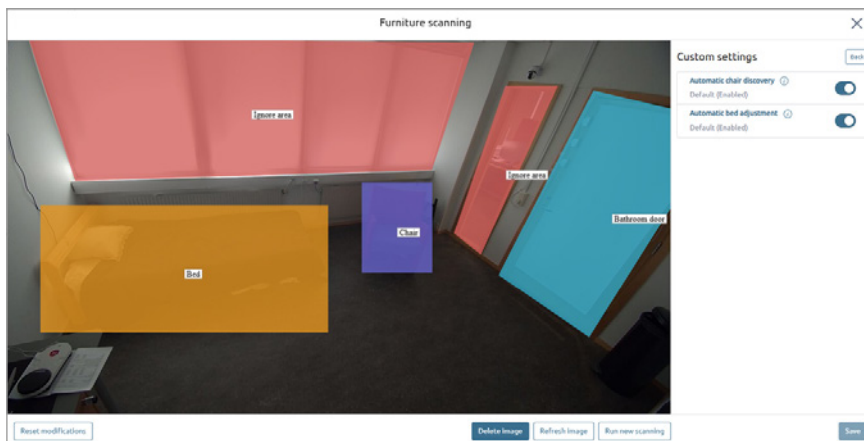
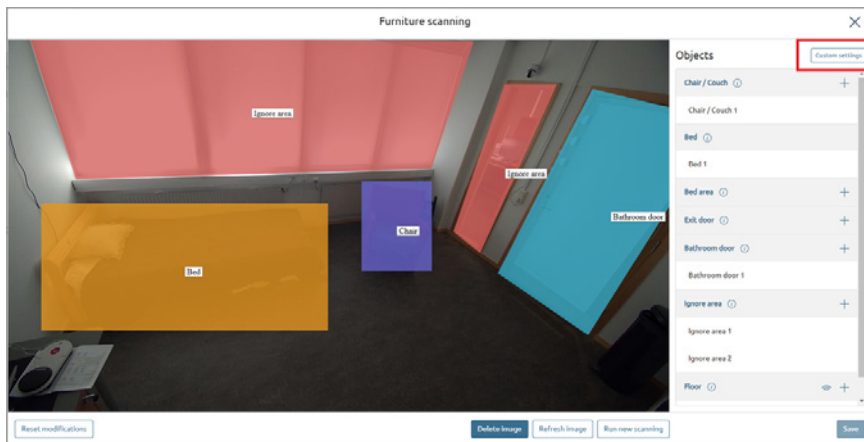
Bathroom doors, exit doors, and ignore areas are fixed markings, meaning that these will always be marked in future scanning, if not deleted. Fixed markings are added through the **+** sign of the marking you want to add.



Custom settings

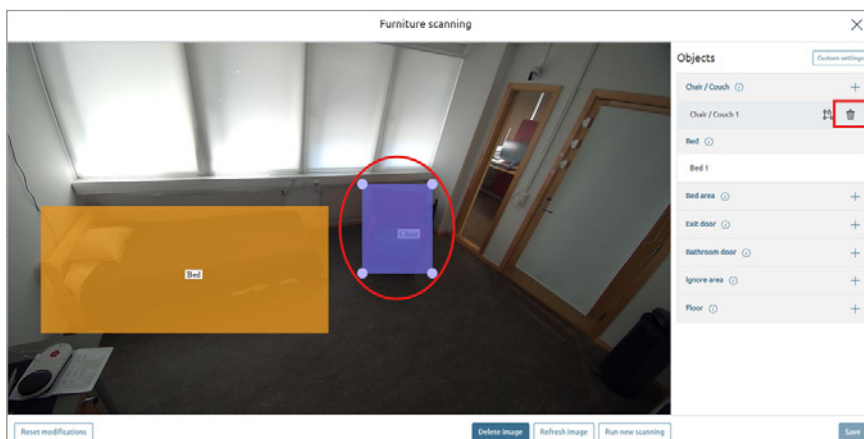
Automatic chair discovery and automatic bed discovery can be enabled or disabled through the **Custom Settings** button.

Automatic chair/bed discovery allows the sensor to track the location of chairs and bed, ensuring that the furniture positions are always up to date. These settings are configured for individual Night Owls; however, if the feature is enabled for the customer, both automatic chair and bed discovery will be enabled by default.



- **Wheelchairs, walkers and falsely identified objects**

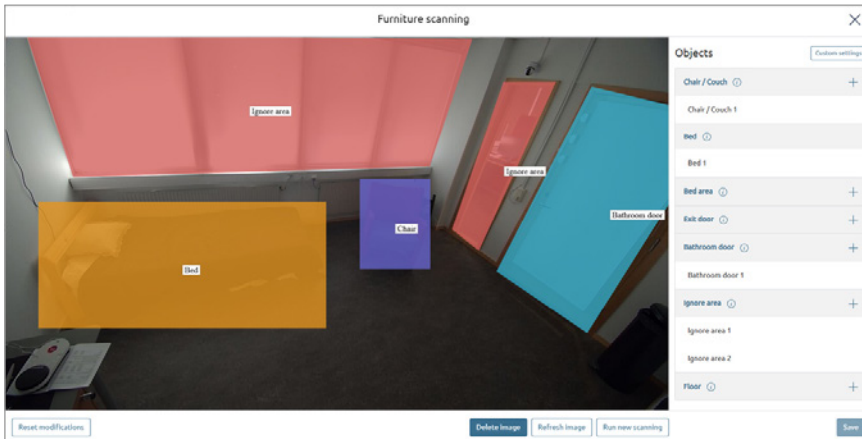
Wheelchairs and walkers can be falsely identified as chairs. In this instance, marking should be deleted by clicking the marking and moving to the trash icon.



Tips

When AMS and furniture scanning is complete, you can review markings in the portal, using the AMS button and when performing a digital visit by clicking the eye symbol.

- Image from Night Owl customer portal



- Image from Night Owl digital visit



Chairs & sofas

Chair markings are used to be able to receive **Abandoned Chair** alarms but also to prevent false fall alarms when someone is sitting in a chair/sofa.

Large daybeds or sofas that are not moved around a lot should be marked manually. Smaller chairs or armchairs that are more often moved around should not be manually marked. When performing a furniture scan, Night Owl will find these automatically.

If **Automatic chair discovery** is enabled, Night Owl will automatically find if the chair has been moved or if more chairs are put in the room.

Beds

The bed is automatically marked when a furniture scan is performed. The bed mark receives **Upright in bed** and **Abandoned bed** alarms, as well as avoiding false alarms when someone is occupying the bed.

If **Automatic bed adjustment** is enabled, Night Owl will automatically find if the bed has been moved around in the room. Bed adjustments will be updated every minute.

If the **Upright in bed** alarm is activated, the alarm will be triggered when the person in bed is detected over the top line of the bedmarking. If the **Out of bed** alarm is activated, the alarm will be triggered when the person in bed is detected below the bottom line of the bed marking. See picture opposite to understand the top line and bottom line of the bed.



Ignore area

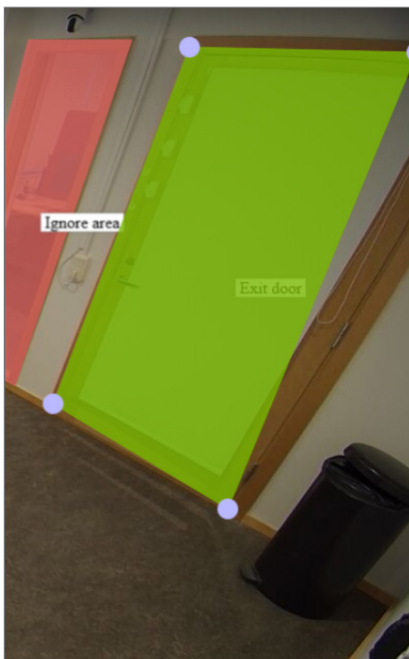
Ignore areas are manually marked on areas that Night Owl should ignore. Night Owl uses image recognition technology and can not distinguish between a person in the room, someone walking past a window, large pictures or images on a TV. Make sure to mark ignore areas on all areas that could disturb the performance of the sensor.

- **Note**

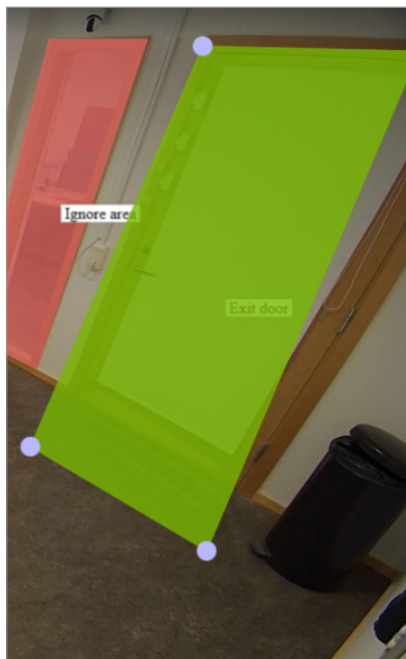
It is important not to mark ignore areas too close to the bed if the **Upright in bed** alarm is used.

Exit door

To be able to use the **Exit room** alarm, the exit door must be manually marked. The whole door should be marked but make sure that the door is not marked over the floor.



✓ Good Marking



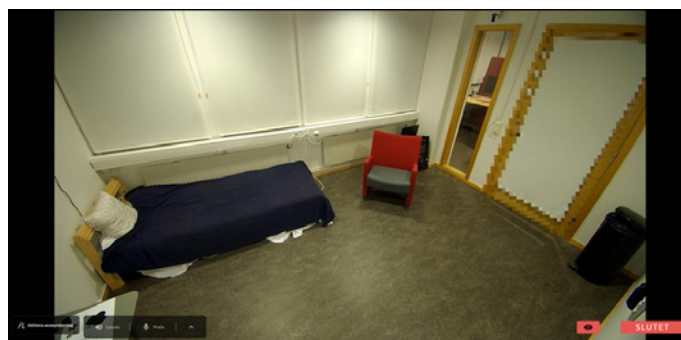
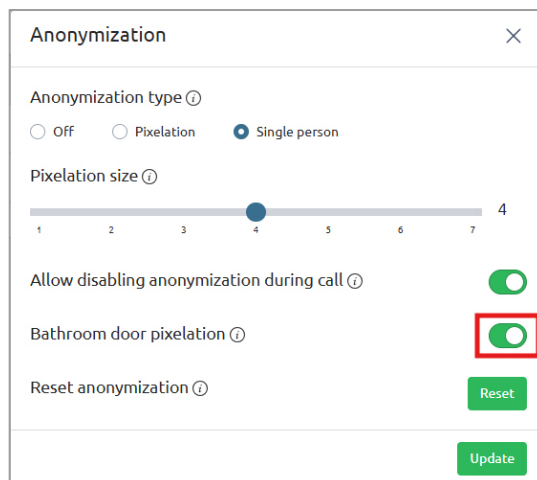
✗ Bad Marking

Bathroom door

To be able to use the **Too long in bathroom** alarm the bathroom door must be manually marked. The whole door should be marked but make sure that the door is not marked over the floor. See images for exit door as reference.

There is a feature available for the bathroom door that pixelates the door during a digital visit. This makes it impossible to see what is going in the bathroom during a digital visit, to enhance privacy for the care recipient.

The feature is activated on the **Service recipient page** and **Anonymization**. Enable the feature for **Bathroom door pixelation**.



Example of a digital visit with pixelated bathroom door.

Floor

It is not necessary to mark the floor area to be able to use the **fall** alarm. However, Night Owl will get a better understanding of the colour of the floor, which will result in more reliable fall alarms.

When marking the floor, it does not matter if there are chairs in the way and it is not necessary to mark the whole floor.

If Night Owl can “see” two different colours on the floor (e.g. if Night Owl can “see” two rooms), it is better to mark two floor areas. The floor marking can be shown or hidden by clicking on the eye symbol.

