Pilot Web Geofence User Manual

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Introduction

Geofence functionality has been implemented in Pilot Web, allowing you to

- Create, edit, and delete geofences in Pilot Web
- Upload geofences created and edited on your tablet (automatically)
- Check geofence contact alerts in Pilot Web

【Attention】
For more information on how to use the geofence function in the tablet application and precautions, please click here.
Geofence Function User Manual

【Additional Information】
You can download geofences on the server with the tablet app v1.0.05 or later.

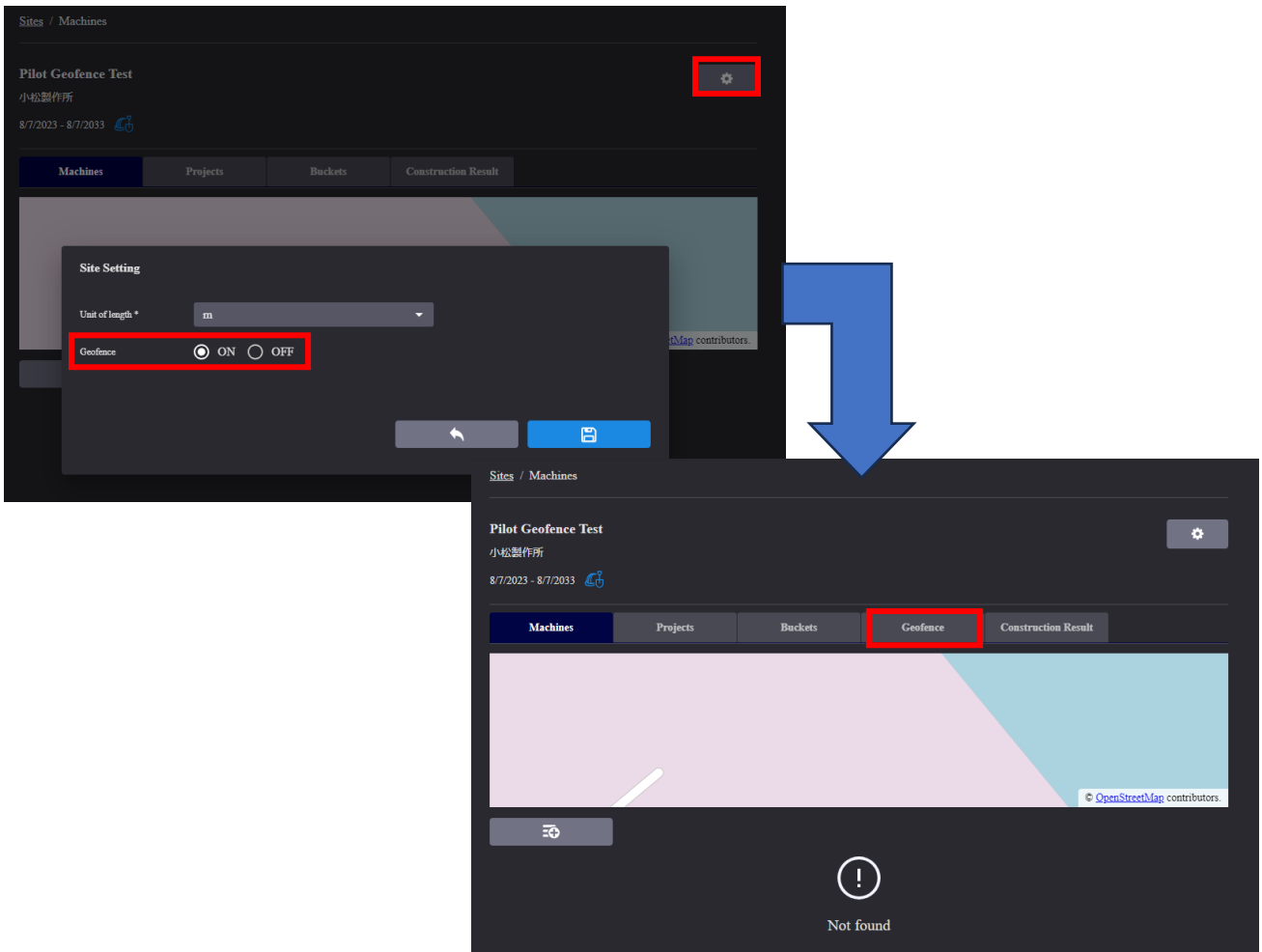# 01

Chapter

Enabling the feature

1.1 Enabling the feature

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Open the Settings dialog in Site Details screen and set "Geofence" to ON.
The Geofence tab will appear.

【Attention】
This setting turns the function display ON/OFF on the Pilot Web, and data linkage between the tablet application and the server is performed even when the setting is OFF.
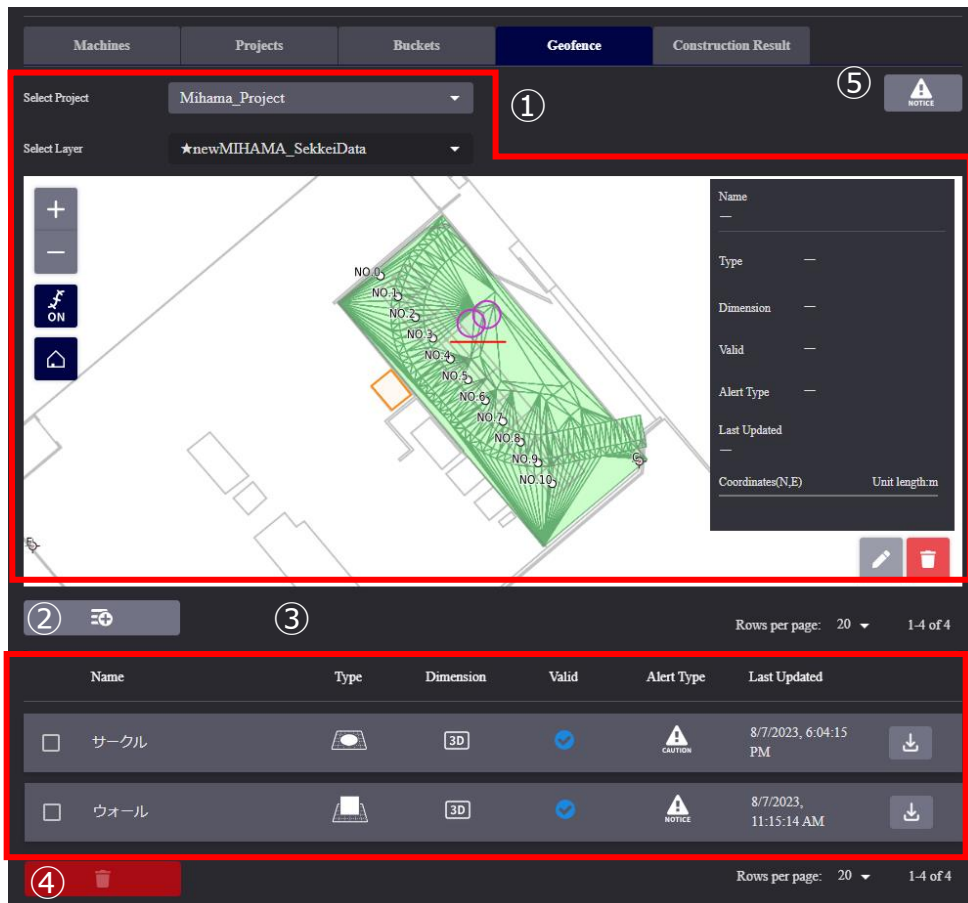
# 02

Chapter

Geofence List

2.1 Geofence List

Geofence list can be checked in Sites＞Site Detail＞
Geofence tab.
The list shows geofences created in Pilot Web and Tablet
App.

① Map　　　　　　　Geofences and design data are displayed on
　　　　　　　　　　the map. (See 2.1.1 for items in the map)

② Create　　　　　　Create a new geofence.

③ Geofence List　　A list of geofences is displayed.

④ Delete　　　　　　Delete the selected geofence in the list.

⑤ Alert　　　　　　View contact alert in the site.

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2.1.1　Map
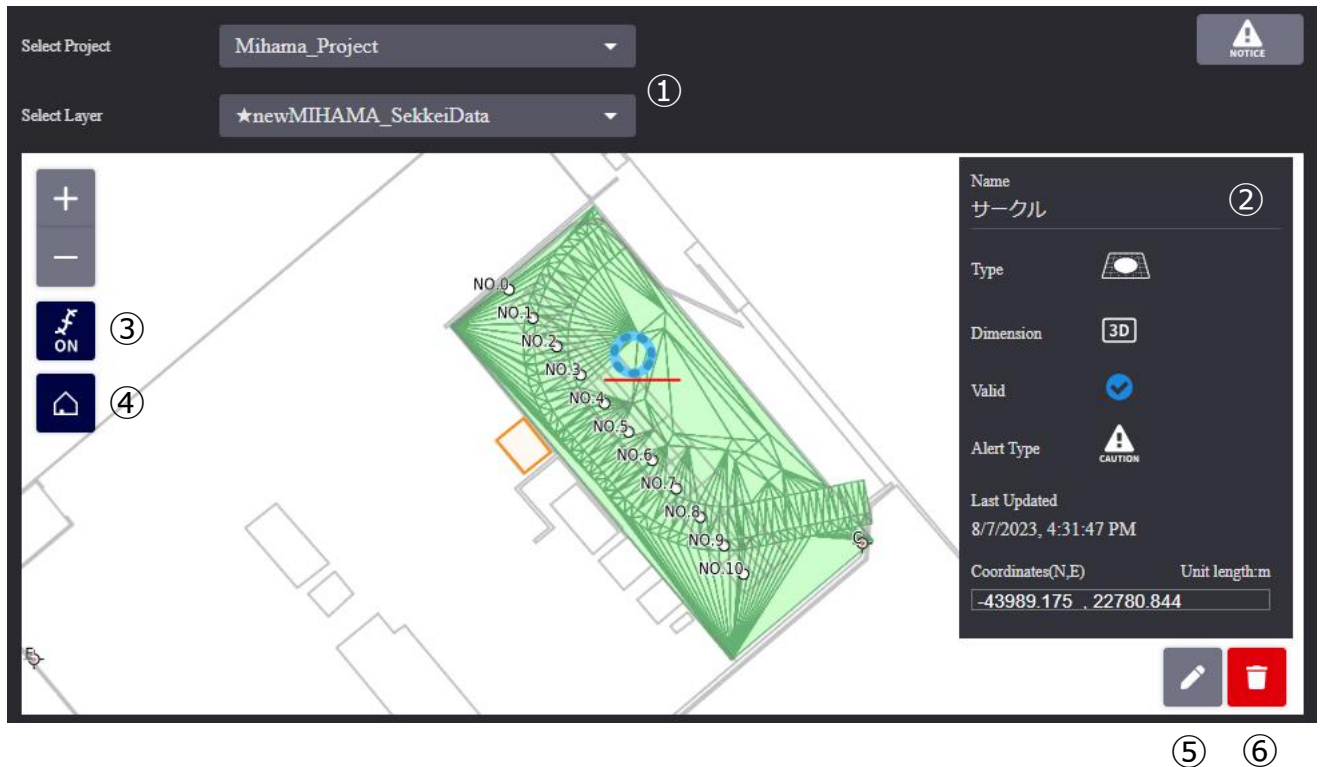
①	Project Layer	Projects registered in the site can be selected. The map displays the design data for the selected project and layer.
②	Geofence Information	Information about the selected geofence is displayed on the map.
③	Linework display	Turns linework display ON/OFF.
④	Home	Move the map to the location where the design data is located.
⑤	Edit	Edit the selected geofence on the map.
⑥	Delete	Delete the selected geofence on the map.

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Chapter

Create/Edit/Delete

3.1 Create a geofence

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Open the create screen from the create button ([≡⊕])
on the Geofence List screen to create a new geofence.
1. Select a geofence type （see 3.1.1）
2. Enter the coordinates of the geofence(see 3.1.2)
3. Enter name and other necessary values such as elevation, height, etc.4.
4. Select other options
5. Save the geofence.
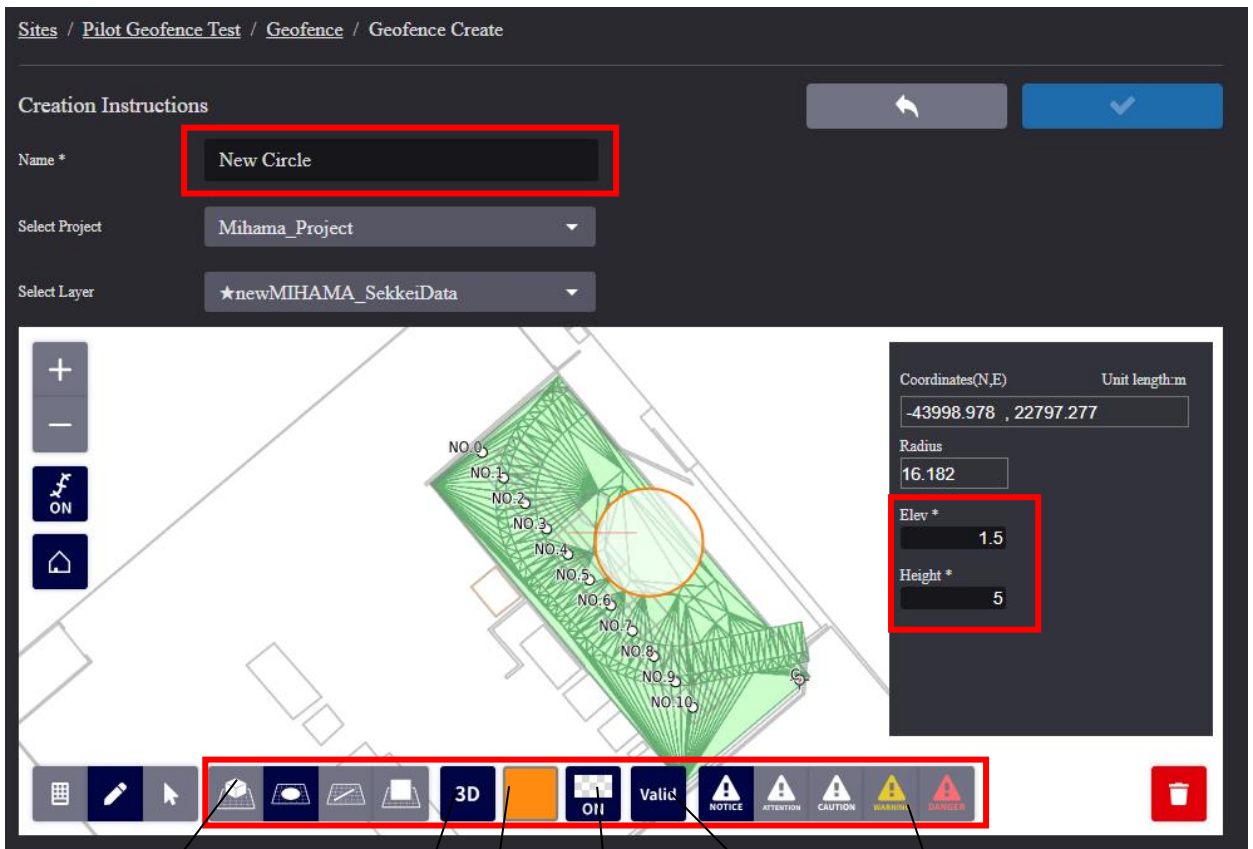
Geofence Type

2D/3D

Color

Transparency ON/OFF

Valid/Invalid

Alert Type

3.1.1 Geofence Type

The geofence types and their respective input fields are as follows.
In addition to Wall, Circle, and Line, Pilot Web allows the creation of Polygon geofences.

Type	Input field in 2D	Input field in 3D
Polygon	Coordinates Elevation In/Out	Coordinates Elevation Height
Circle	Coordinates Radius In/Out	Coordinates Radius Height
Line	—	Coordinates Elevation Radius
Wall	—	Coordinates Elevation Height

【Attention】
Polygon geofences cannot be edited in the tablet app.

3.1.2   Enter the coordinates

There are two ways to enter the coordinates of a geofence on the map or by entering numerical values.

Coordinates can be registered and edited by clicking on the map.
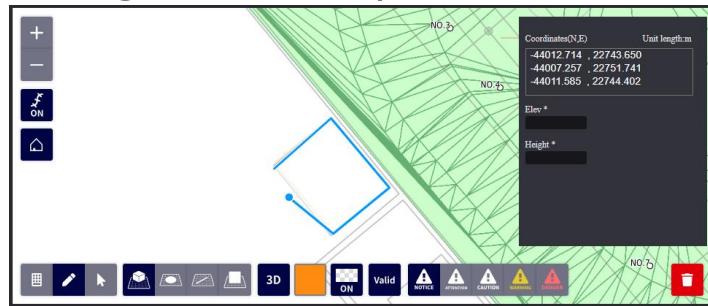
Coordinates can be registered and edited by entering numerical values.
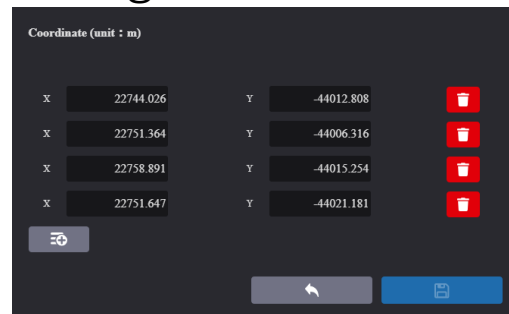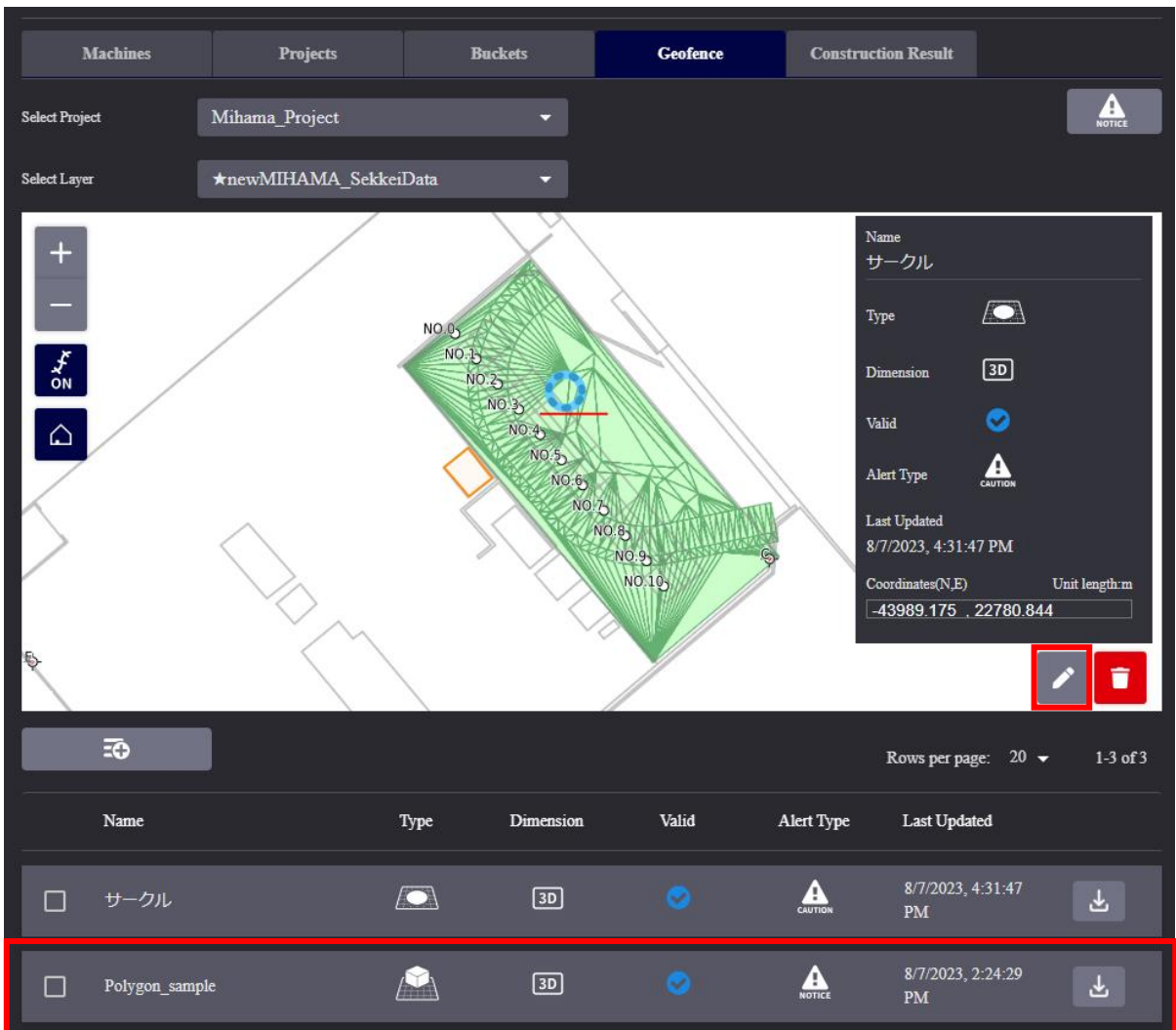
You can select a geofence and move it on the map. You can also delete it with the Delete button.

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3.2 Edit a geofence

Click on the geofence to edit on the map, then click on the Edit button (✎) to go to the edit screen. Or you can go to the edit screen by clicking on the record you wish to edit.

The operation of the edit screen will be the same as in 3.1.

3.3　Delete geofences

Select the geofences you want to delete on the map and click the Delete button (🗑) on the map. If you want to delete multiple geofences, check the records and click the Delete button.

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## Chapter

Data linkage with tablet apps

4.1 Linkage of geofence data ❄ EARTHBRAIN

Uploading geofence data
When you create or edit a geofence in the Tablet App, it is automatically uploaded to the server. Once the data is uploaded to the server, the geofence will appear in the Pilot Web. If the same geofence was edited on multiple tablets, the last upload data will be reflected.
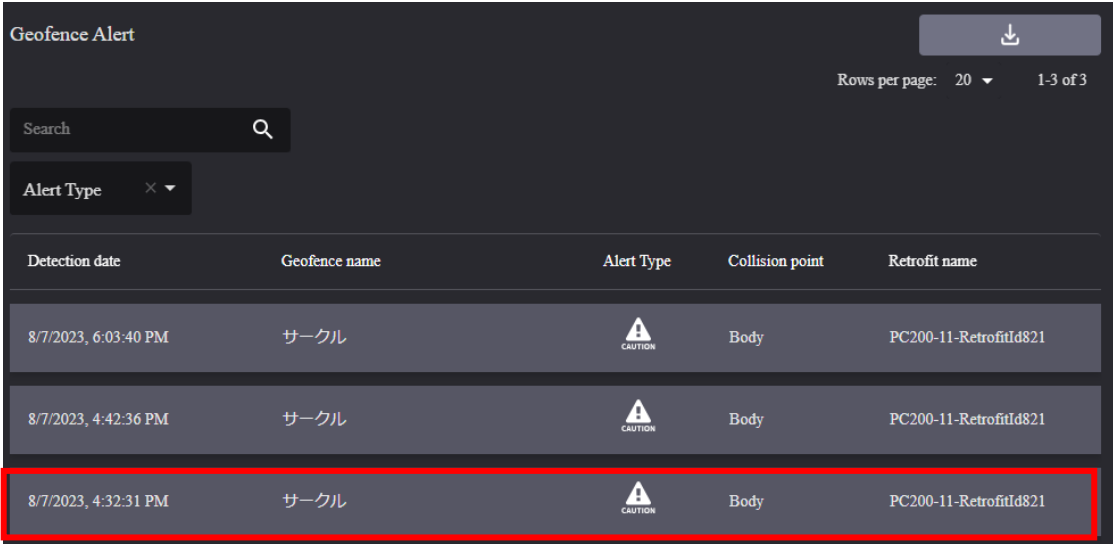
Download Geofence Data
Click the download button on the tablet app (Pilot v1.0.05 or later) to download the geofences associated with the site on the server.
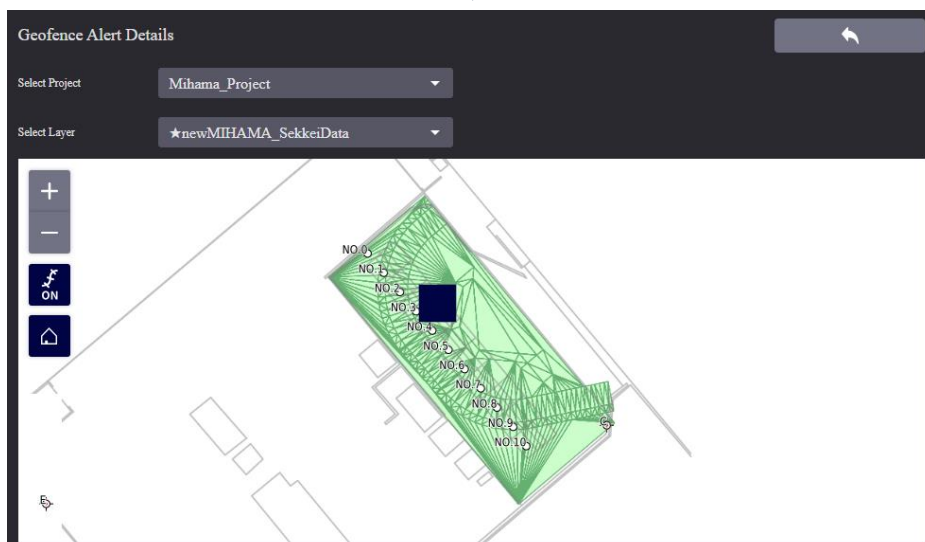

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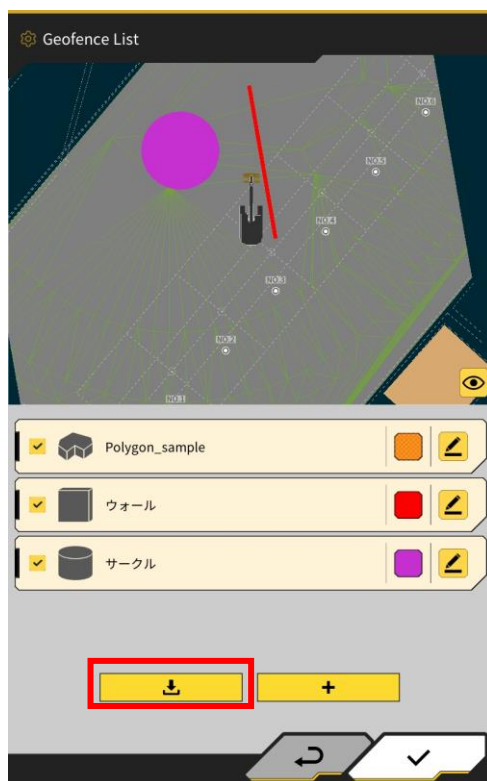
4.2 Collision alart

The tablet app sends alert information to the server when the machine contract with geofences, On the Geofence List screen, click the [NOTICE] button to open the Geofence Notification Alerts screen. You can view the list of alerts and their details, and download the list.

Contact information

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