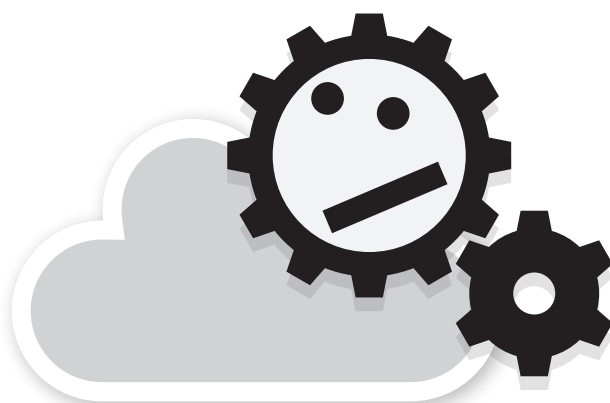




POST-PROCESSING CLOUD

Application Manual ver.1.0
Created by amuse oneself Inc.



POST-PROCESSING CLOUD

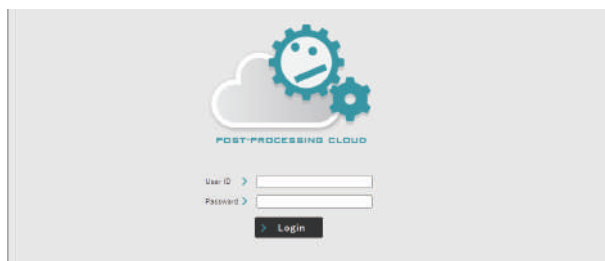
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How to use



01 Login

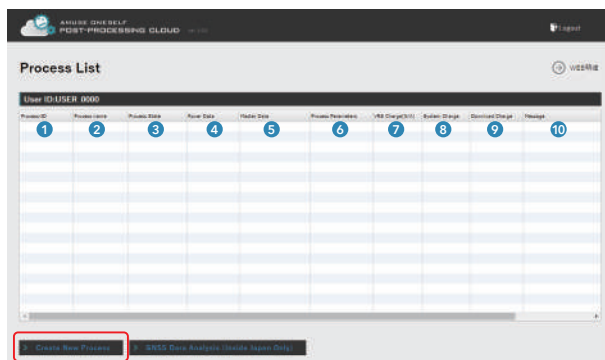
POST-PROCESSING CLOUD

When you access

<http://ppcloud.amuse-oneself.com/>

, the login screen will be displayed.

You can log in with the user ID and password issued after signing the contract.



Click here to start new processing.

02 Main screen

This is the screen that appears after you log in. The explanation of each item is as follows.

1 Process-ID

This is the ID issued for each process.

2 Process Name

This is the name set by you (customer) when registering a process. You can give it a name that is easy to manage, such as a project name or a site name.

3 Process State

- Waiting for Purchase/Cancel
- Downloaded
- Ready for Download
- Expired

The status of the process is displayed.

4 Rover Data

The data file (mobile station data), data time and minutes to be processed are displayed.

5 Master Data

Data regarding the fixed station data to be used.

6 Process Parameters

Parameters for GNSS analysis. You can set whether to use GLONASS satellite signals or not, and the minimum elevation angle of the height mask from 12, 15, 20, 25, and 30 degrees.

7 VRS Charge (N/A)

You will be billed when you purchase VRS (Virtual Reference Station) data. (VRS is only available in Japan)

8 System Charge

It is charged each time an analysis process is conducted.

9 Download Charge

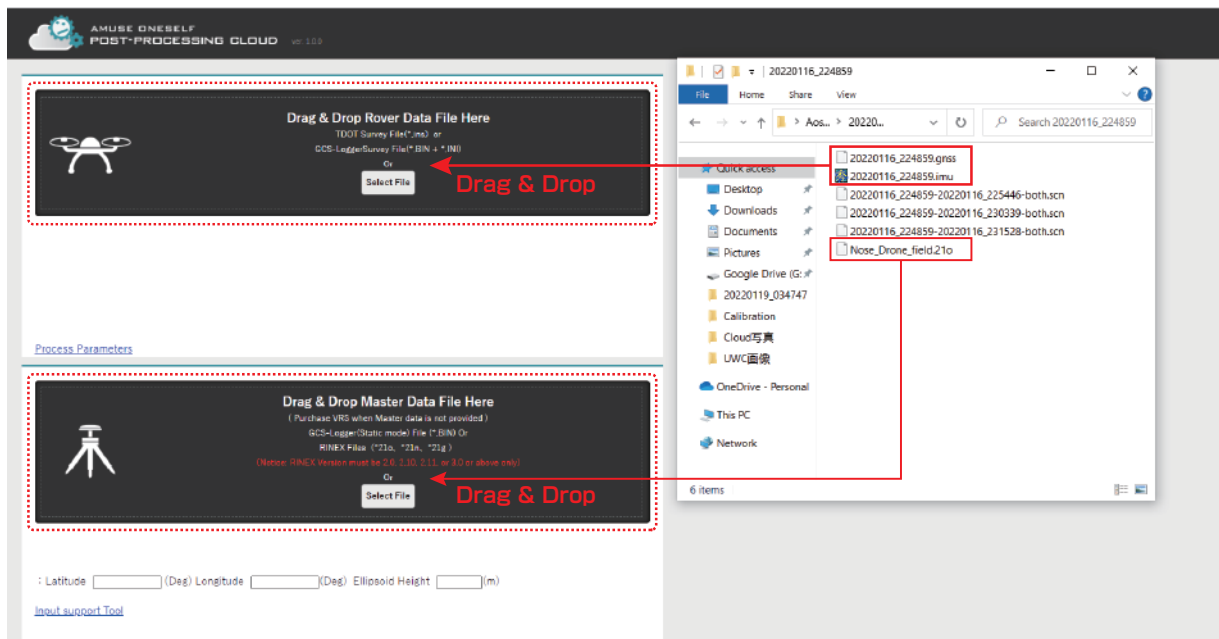
It is charged when you purchase the final result.

10 Message

It is displayed when an error occurs during processing.

*For more information about charges, please refer to "About Charges" at the end of this manual.

How to use



03 Uploading data in the new process registration screen

To register a new process, drag and drop a file or select a file in the file selection dialog. When dragging and dropping, please note that the drop location is different for mobile station data and fixed station data.

The available data is as follows

Mobile station file

TDOT data

.IMU file + .GNSS file

Fixed station file

RINEX file

Extensions are **.O, **.N, or **.G. ** is 17, etc.

How to use

Process Detail

Survey Name (*Mandatory)

User ID > USER_0000

ID/Process Id > 20220120_062546

Survey Time > 2022/01/18 22:49:00 ~ 2022/01/18 23:32:00

Charged Time > 43 (Min)

System > 100 (JP Yen/Min) < Charged Time 43 (Min)

Charge > JP Yen/Process: Charged for Download) < 4300 (JP Yen)

VRS Charge > 100 (JP Yen/Min) < VRS Purchased Time 43 (Min)

Charge > JP Yen/Process: Charged for Download) < 4300 (JP Yen)

Download > 50,000 (JP Yen/Process: Charged for Download)

Charge > 118000 (JP Yen)

Total Price > 118000 (JP Yen)

Charged

Note: When Start, System Fee will be charged.

Note: Download Fee will be charged when you click "Purchase Result" Button.

Start Process

Cancel

Drag & Drop Rover Data File Here

TDOT Survey File(*.ms) or

QCS-Logger/Survey File(*.BIN + *.JIN)

Or

Select File

GNSS Data File

20220116_224859.gnsk 23 MB

100%

IMU Data File

20220116_224859.imu4 1.26 MB

100%

Average Location : Latitude 35.003111 Longitude 135.410242 Ellipsoid Height 634.176000(m) ~ 634.176000(m)

Process Parameters

1

Drag & Drop Master Data File Here

(Purchase VRS when Master data is not provided)

QCS-Logger(Sonic model) File(*.BIN) Or

RINEX Files (*.210, *.21x, *.21g)

Or

Select File

Latitude: 35.003111 (Deg) Longitude: 135.410242 (Deg) Ellipsoid Height: 634.176000(m)

Input support Tool

Rinex Obs. File

Nose_Drone_field.210.00 KB

100%

Need RINEX files

2

+

-

20.0

200.0

Route of Rover Data

Coordinate of Master Data for Process

Average Location

Master Coordinate

Time-Altitude Graph

04 Checking Locus and Height

After uploading the file, the approximate locus and height will be displayed on the map as shown in the red frame.

Please check if there is any difference in the location.

Process Parameters

☒ Use GLONASS Signal

Elevation Mask : 12.0°

Close

[Advanced Options]

☐ Upload Precise Ephemeris Files
 ☐ Enable Base File Type Selection

1 Process Parameters

As GNSS analysis options, you can set whether to use GLONASS satellite signals or not, and a filter to exclude the use of satellites at low elevation angles.

Input support Tool

Latitude : 35 Deg 0 Min 11.2 Sec =

35.003111 Deg

Longitude : 135 Deg 24 Min 36.871 Sec =

135.410242 Deg

Master Station Ellipsoid Height :

Master Station Ground Ellipsoid Height 634.176000 (m)

+ Antenna Height 0 (m)

+ Phase Center Height 0 (m)

= 634.176(m)


Set these values

2 Input support Tool


Fixed station coordinates are input in degrees, but can also be input in degrees / minutes / seconds. The fixed station height can also be entered and saved separately for antenna height and phase center height.

004

How to use


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POST-PROCESSING CLOUD

ver. 1.0.0



Process Detail

Survey Name (*Mandatory)

User ID > UR_USER_0000

ID/Process Id > 20220118_032108

Survey Time > 2022/01/16 22:49:00 — 2022/01/16 23:32:00

Charged Time > 43 (Min)

System Charge : > 100 (JPY/en/Min) × Charged Time 43 ((JPY/en/Process: Charged for Download)) = 4300 (JPY/en)


VRS Charge > 100 (JPY/en/Min) × VRS Purchased Time 43 ((JPY/en/Process: Charged for Download)) = 4300 (JPY/en)

Download Charge > 50000 (JPY/en/Process: Charged for Download)

Total Price Charged > 13600 (JPY/en)

Note: When Start, System Fee will be charged.
When Selected Fee will be charged when you click "Purchase Result" Button

> Start Process
> Cancel



Drag & Drop Rover Data File Here

TDOOT Survey File(*.ins) or
GCS-LoggerSurvey File(*.BIN + *.INI)


Or

Select File

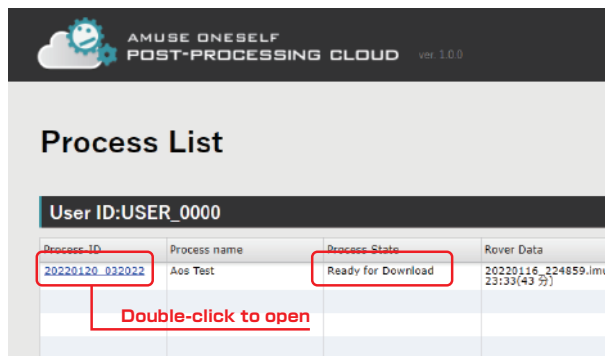
05

By clicking the "Start Process" button, the start of processing is reserved, and after registration, it is added to the list.



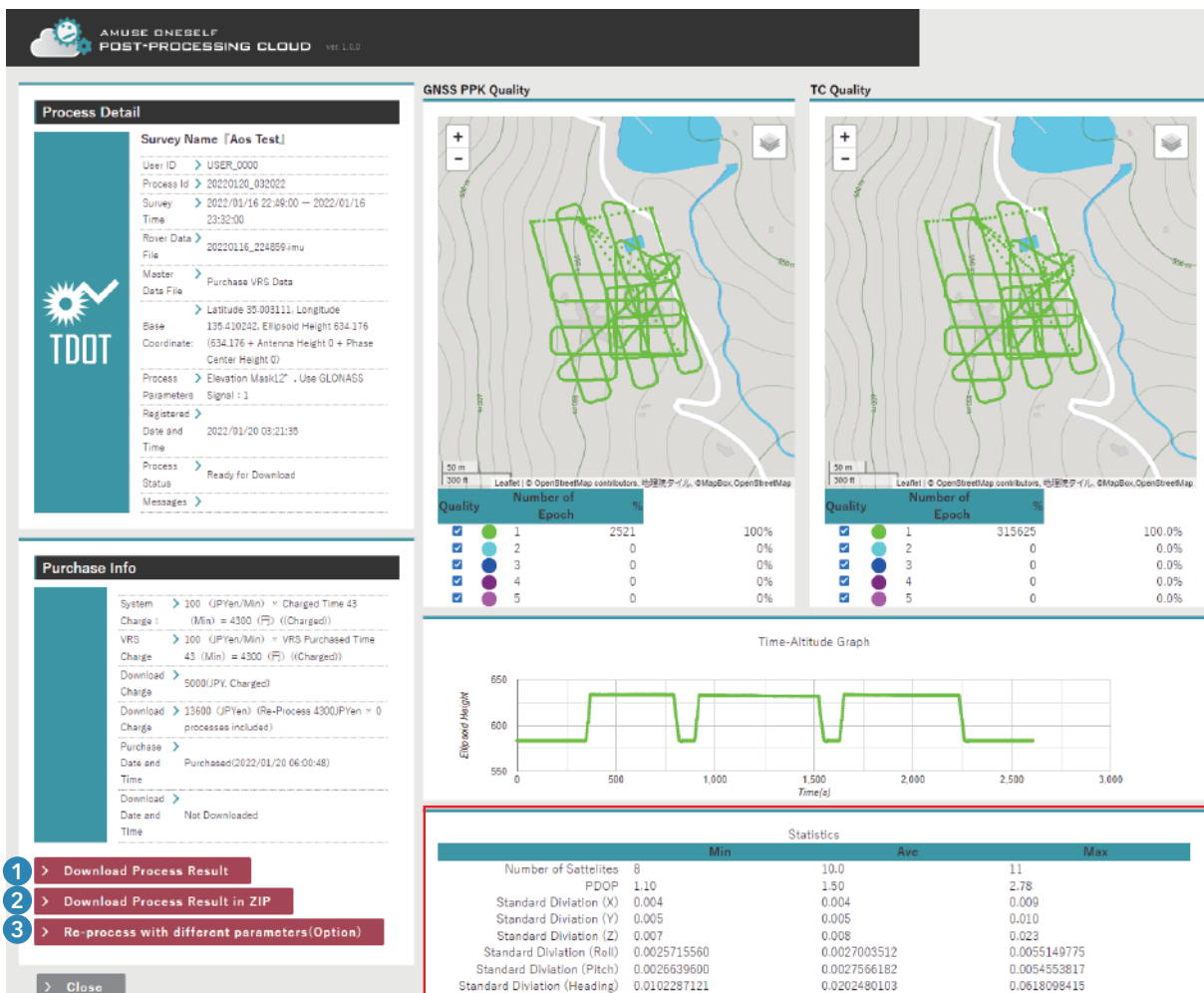
 Please note that GNSS/INS analysis will be processed in the order of registration for all customers in turn. If there is a long waiting list, it may take some time to complete the process.

[illegible]



06 Purchase, Cancel, and Reprocessing of the Processing Result

If the processing is completed successfully, the status will be "Waiting for Purchase/Cancel". Click on the Process-ID to open the detail screen.



The lower right corner of the Process Detail screen (red frame) shows the reference value for result accuracy. Please refer to these values and consider whether or not to purchase.

1 To purchase the analysis results

Click the "Download Process Result" button and agree to be charged for the download.

2 Cancellation

You can cancel your purchase by clicking the "Cancel" button.

3 Re-process

Click the "Re-process with different parameters (Option)" button to change the processing parameters.

How to use

Run Re-Process with different parameters

[Attention] System Charge will be applied for Re-Process

System Charge : 100 (JPYen/Min) x Charged Time 43 (Min) = 4300 (JPYen)

Survey Name (Mandatory)

Aos Test(再:12.0')

Process Parameters

☒ Use GLONASS Signal(Default Value: Use)

Elevation Mask : 12.0' (Default)

> Accept System Charge and Do Re-Process

> Cancel

Do Re-Process

12.0' (Default)

15.0'

20.0'

25.0'

30.0'

Click the "Re-process with different parameters (Option)" button to change the conditions of GNSS analysis and perform reprocessing.

The reprocessing can be performed only for newly registered processes. You cannot reprocess from the reprocessing result.

If you are okay with being charged separate fee for using the system, please click the "Accept System Charge and Do Re-process" button to start the reprocessing.

About charges

System usage charge

This is the charge for using GNSS/INS post-processing analysis of ppcloud. The charge is based on the length of the mobile station file (in minutes).

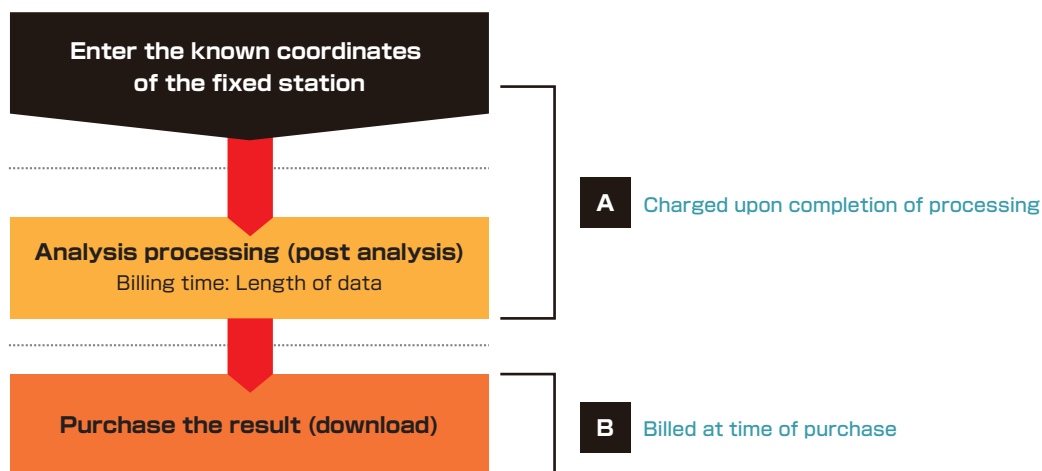
You will also be charged when reprocessing without a GLONASS satellite signal, or when reprocessing with a different elevation mask.

Download charge

It is charged when you download the data, and is charged only once per processing, so if you change the analysis conditions and reprocess the data, you will not be charged for the second and subsequent downloads.

However, please note that if you create new data instead of reprocessing data that has been processed once, it will be counted as a separate process.

Billing timing



Notes on Reprocessing

1. In the case of "reprocessing", only the analysis process (post-analysis) will be charged.
2. The download charge will be incurred only at the time of the first purchase of this processing and its reprocessing together.