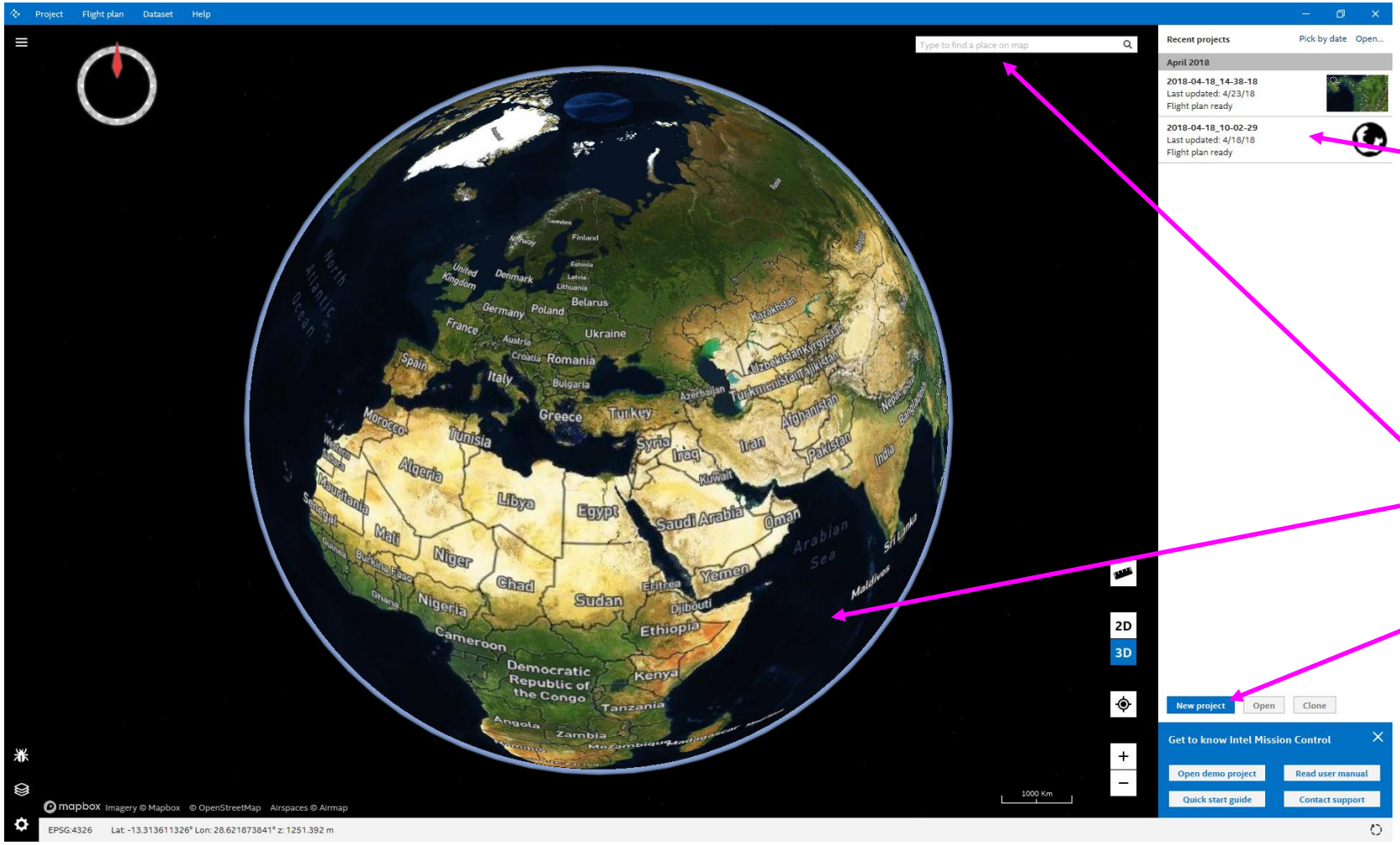
Open Mission Control Quick Start Guide

Last updated: 2018-03-20

Create Or Open A Project

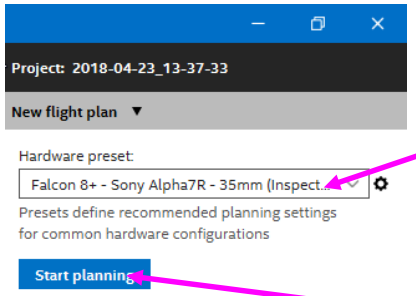


Double-click to open a project you've worked on recently

Use Search or browse map to find the location for the flight

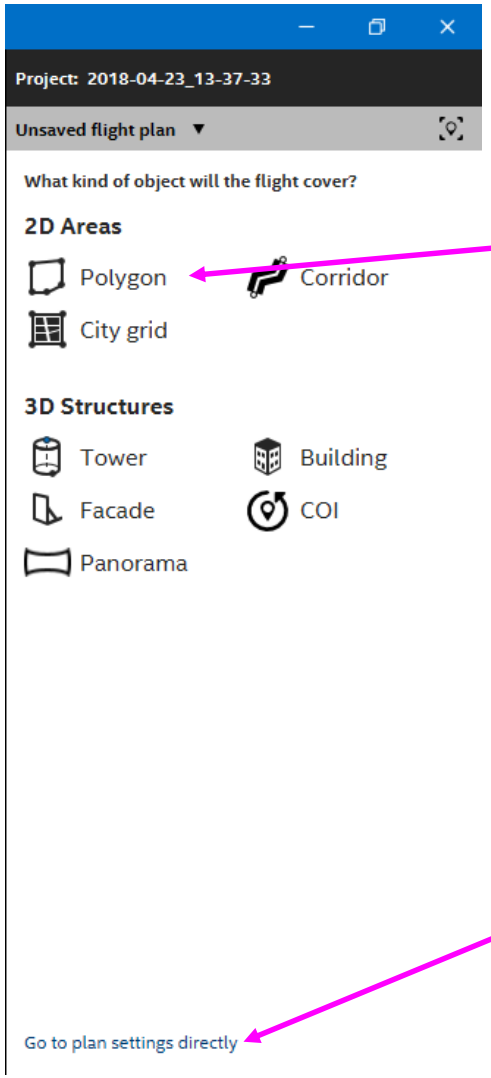
Start a new project

Start A Flight Plan



Select your hardware…

…and start planning!



Choose the kind of object you're going to capture

Hold mouse over icons for more details

Edit settings like take-off point, max. ground speed, altitude etc. – you can always add the objects of interest afterwards

Add The Area of Interest On The Map

Click map to add corner points that define the area

Double-click or press Enter to finish adding and calculate the flight lines

Adjust basic flight parameters

Fine-tune The Flight Plan

Click to edit corner points

Adjust advanced flight parameters like overlaps, direction of image capture etc.

Perform measurements on map

Adjust The Object Of Interest

Click to delete the entire object

Drag a corner to move it

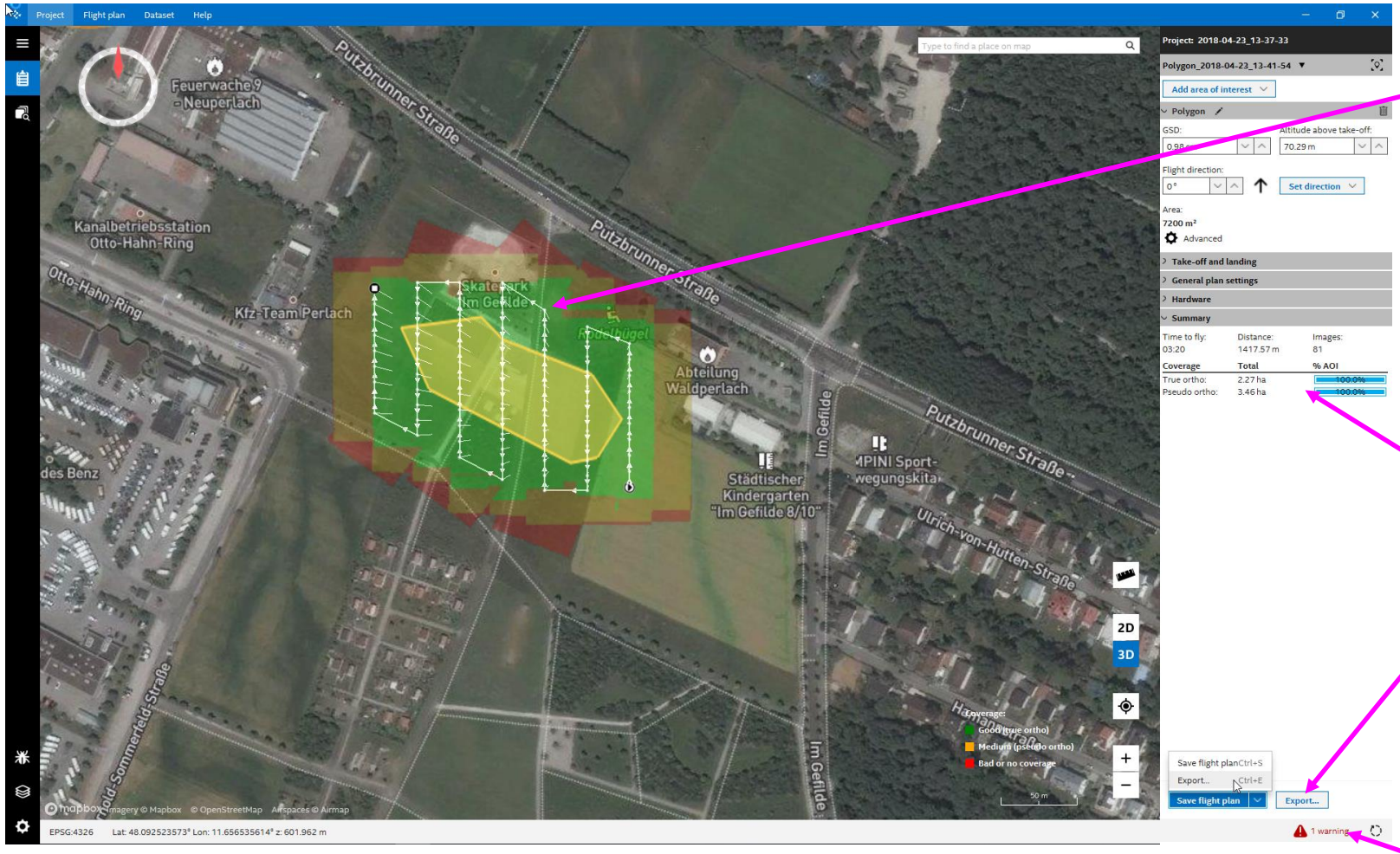
Drag the white arrows icon
to move the entire object

Click a (+) icon to add a new corner

Right-click a corner to delete it

Flight lines will always be recalculated automatically after each change

Check And Export Flight Plan



White lines show the flight trajectory (display of waypoints can be turned on In Map layers)

Check the projected flight time, number of images and coverage

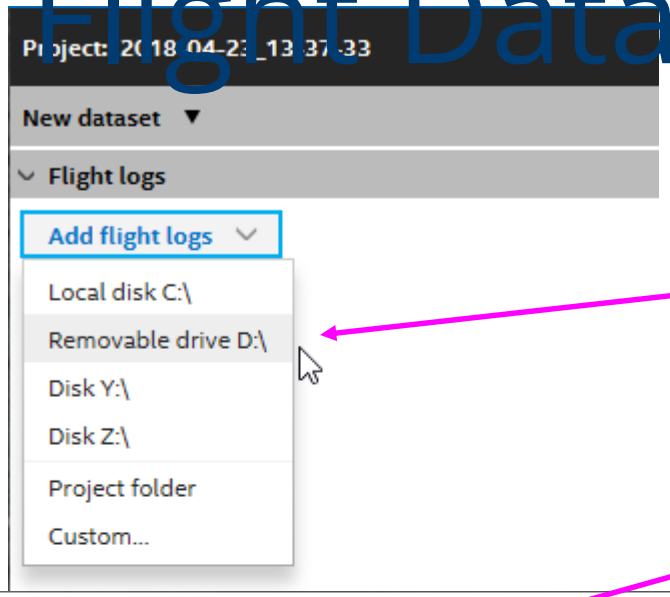
Export the flight plan to a USB stick to load it on Intel Cockpit

Check for critical issues

Perform a Flight

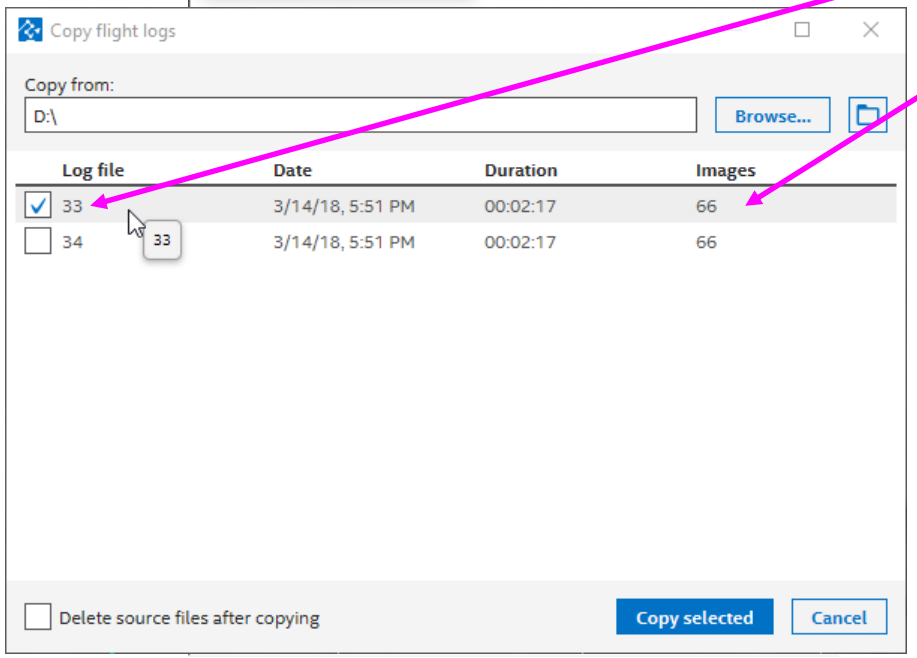
Import Flight Data

Open your project
and switch to Data Preview tab



Insert the SD card from the UAV
into your computer

Select SD card drive or folder
with log files on your local drive

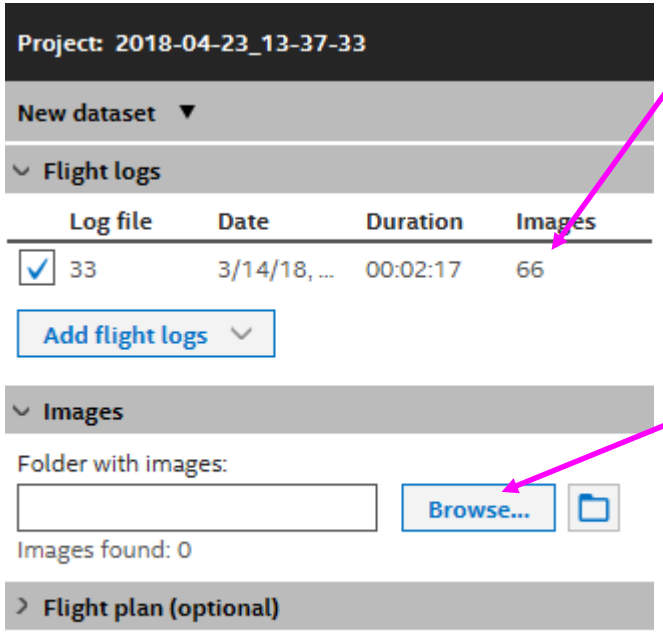


Select the flight log corresponding
to your flight and press Copy selected

Check that the Images number
is updated.

This should roughly match
the number of waypoints
in the flight plan

Import Flight Data



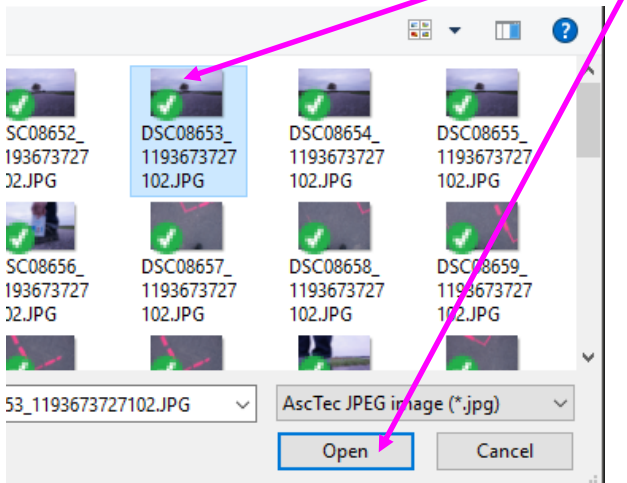
Check that the Images number is updated.

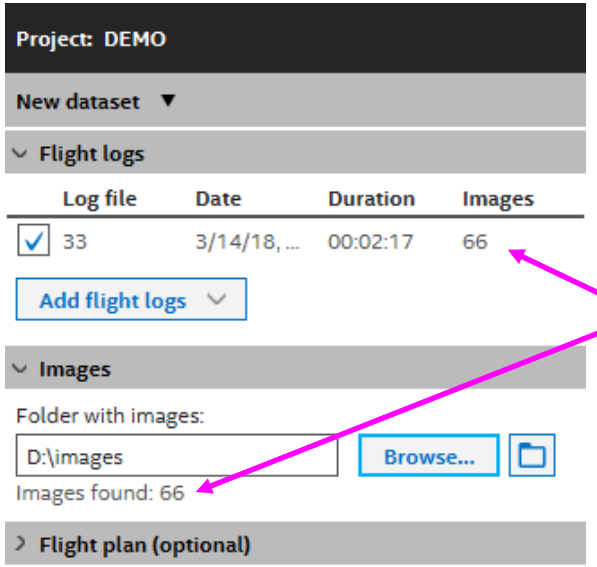
This should roughly match the number of waypoints in the flight plan

Eject the SD card with flight log and insert the SD card from the Camera into your computer

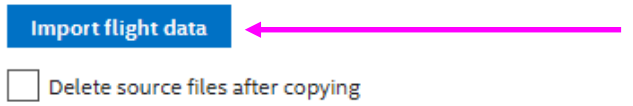
Click Browse and browse to the folder on SD card containing the images (usually named DCIM)

Select any image from that folder and click Open



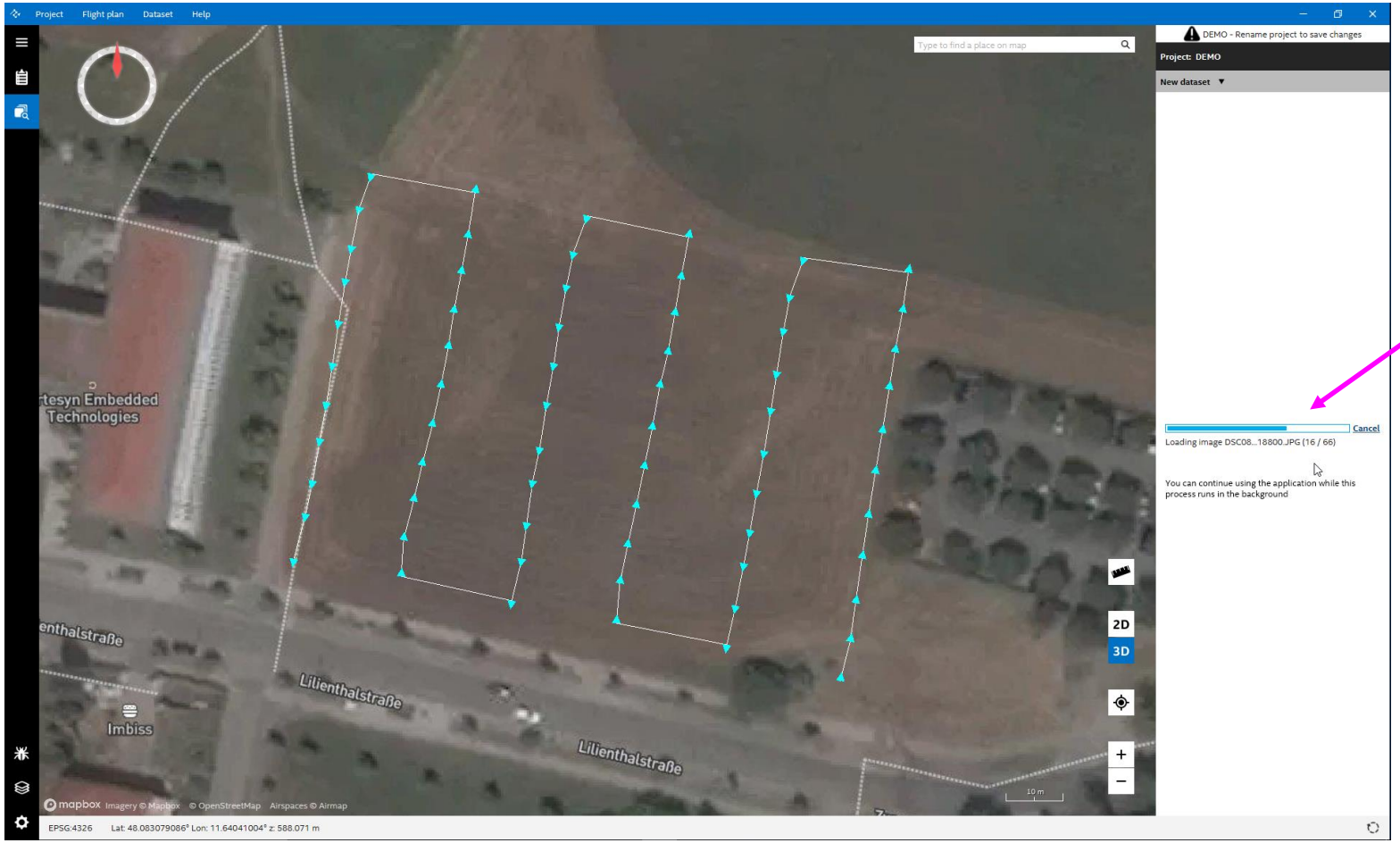


Make sure the numbers for Images in both sections roughly match



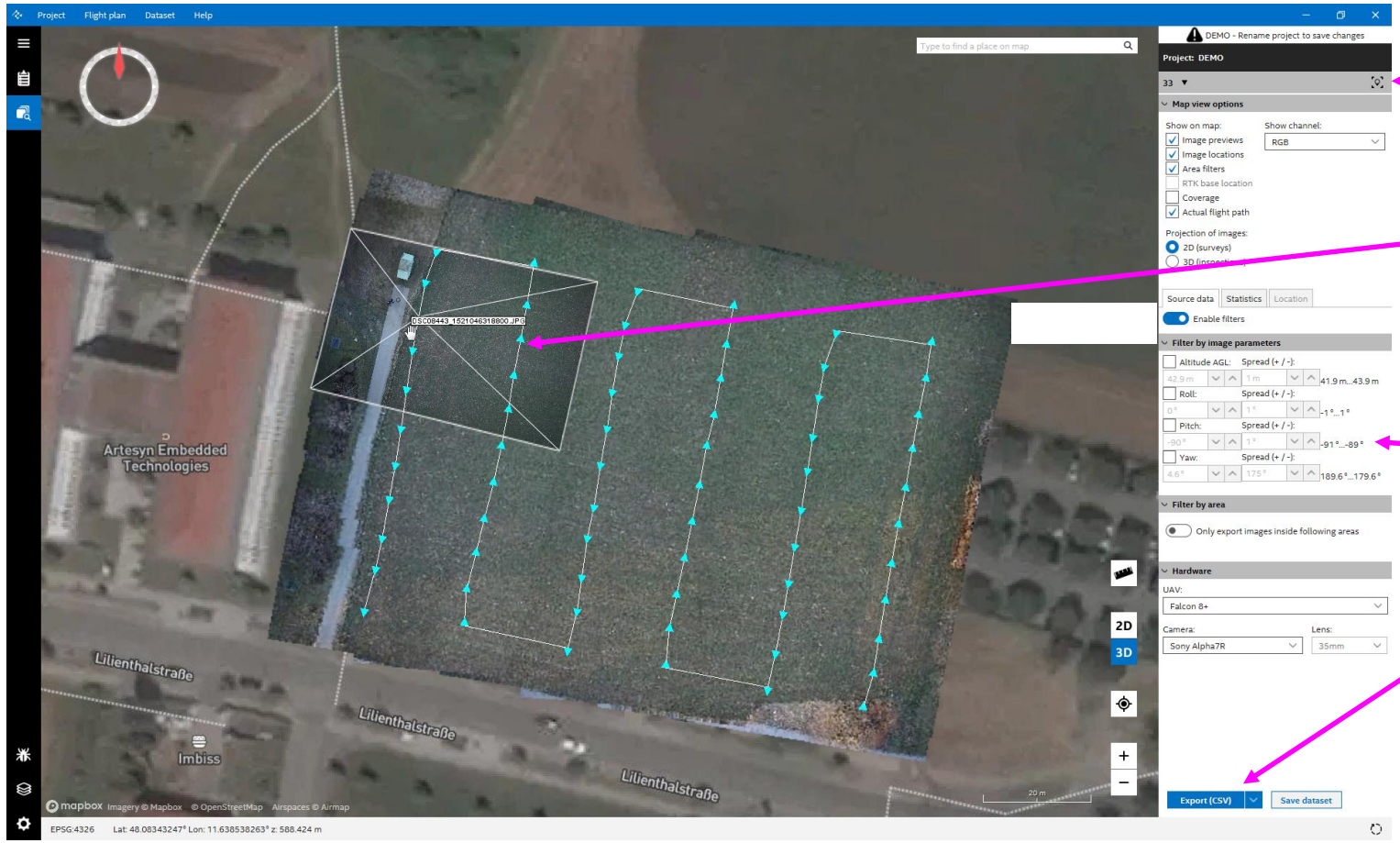
Now click Import flight data

Import Flight Data



Depending on the size of captured data,
this may take several minutes –
you can create another flight plan
or set up another import
while the process is running

Preview And Export Flight Data



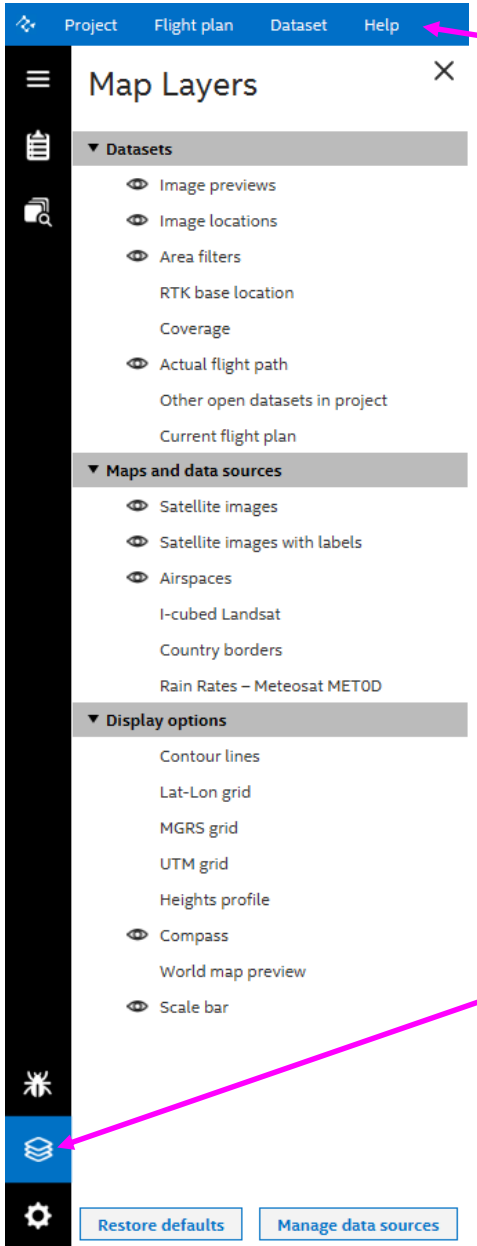
Zooms map to the place where the images were captured

Right-click on image to open full resolution version in your image viewer

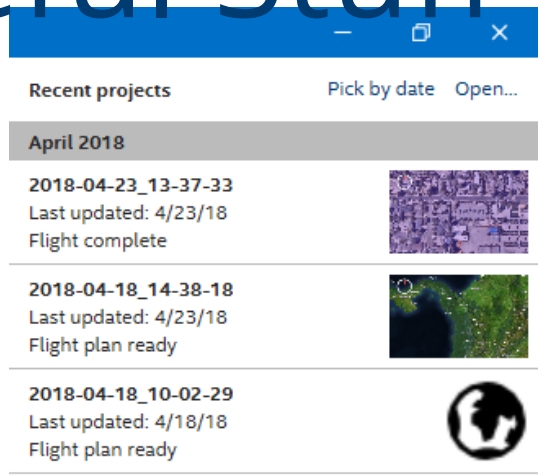
Filter out images by flight-related parameters

Export the geotagged images and metadata into various applications, services and file formats

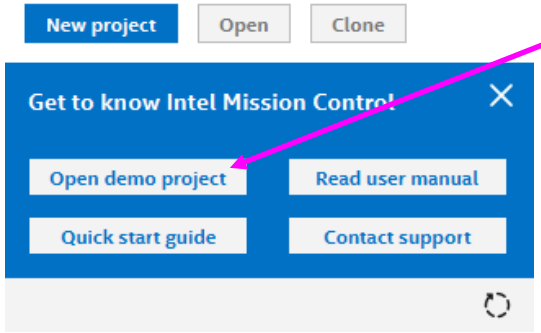
Other Useful Stuff



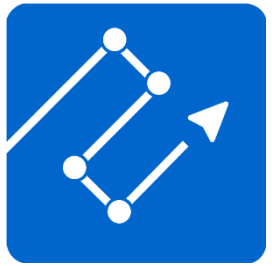
Application menu
holds all possible actions
for flight plans
and captured data



Configure what gets shown and hidden
on the map (as well as the map source)
in the Map Layers tab



Ready-made demo project



Thank you for your help!