Smart 3D Cad

NIPPON INSIEK

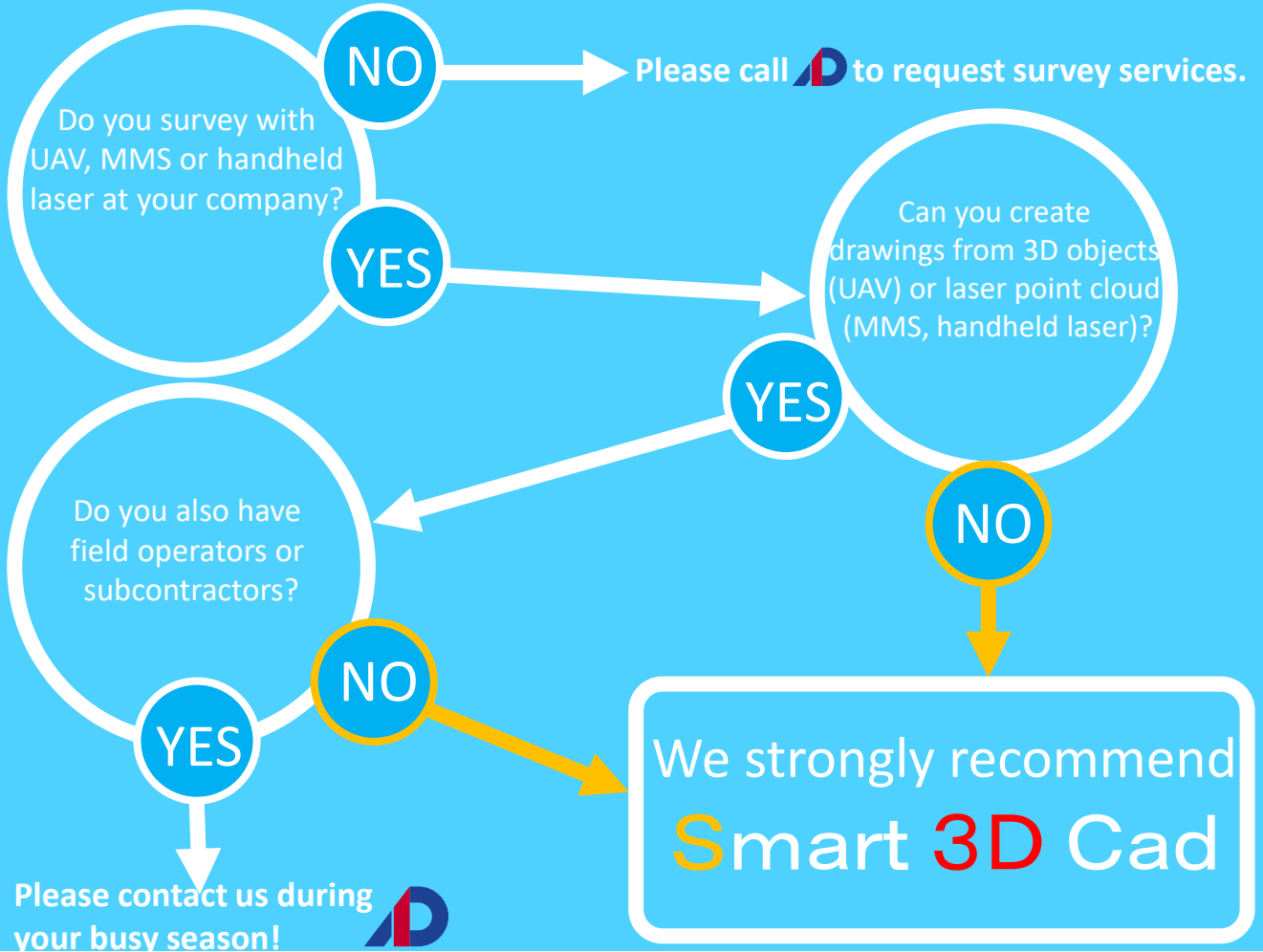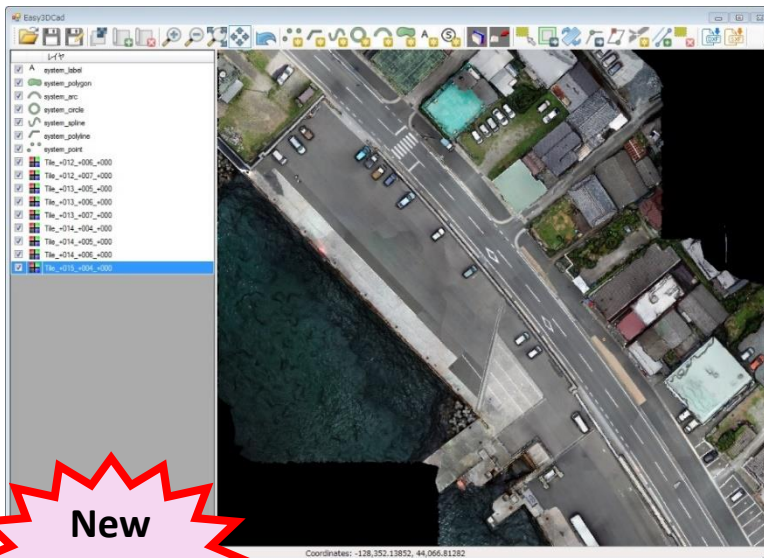**Smart3DCad makes it easy for anyone to make drawings using 3D models created from UAV captured images and 3D laser point clouds.**

Do you survey with UAV, MMS or handheld laser at your company?

NO → Please call AD to request survey services.

YES →

Can you create drawings from 3D objects (UAV) or laser point cloud (MMS, handheld laser)?

YES →

Do you also have field operators or subcontractors?

NO →

YES → Please contact us during your busy season!

NO →

We strongly recommend Smart 3D Cad

Basic function for Smart 3D Cad

New Functions!!

■ Associated format
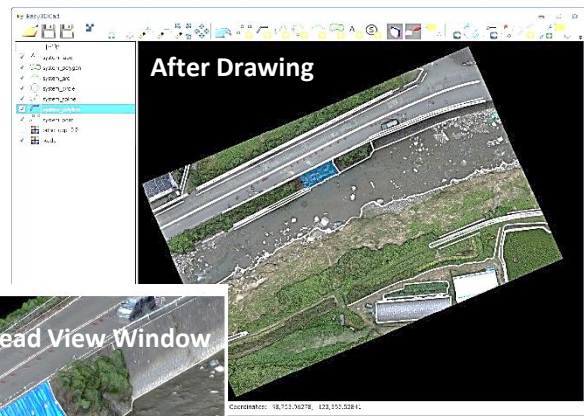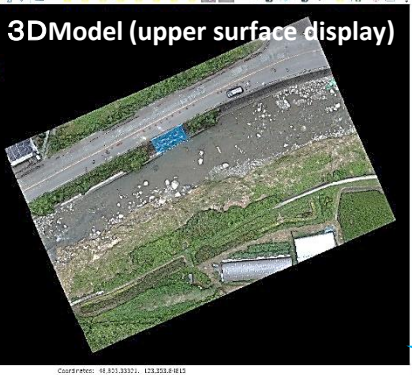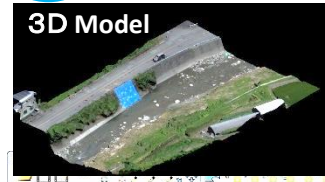 ・Import
    OBJ・LAS・GeoTiff・SIMA
  ・Export
    DXF・SXF

■ Major functions
  ・Drawing (point, line, curve line, circle, circular arc, surface and letter)
  ・Registering and placing symbols
  ・cross sections and 3D overhead view
  ・Move, Copy, Delete and Rotate
  ・Vertex editing
  ・Parallel lines
  ・Layer (display/non-display)

Point cloud noise filtering function, TIN generation function, shaded relief map drawing function, contour output function, cross-section line output function and 3D distance/area measurement function

Enables creation of drawings with Smart 3D Cad

Enables creation of drawings with 3D model created from the images taken by UAV

3D Model

3DModel (upper surface display)

Drawing

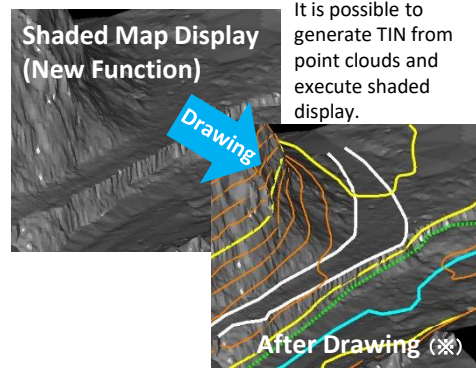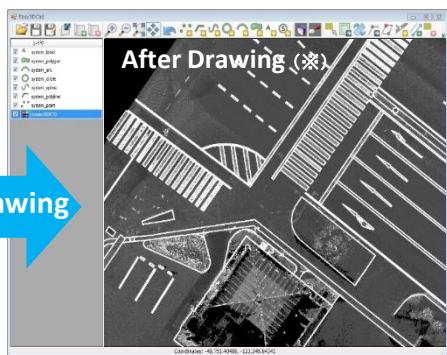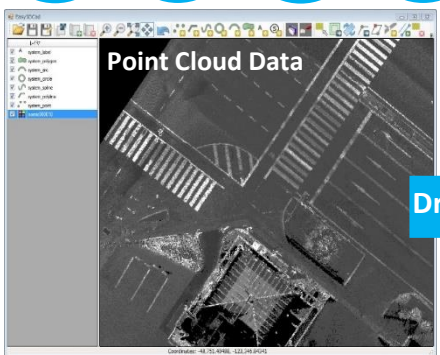**After Drawing**

Overhead View Window

Making a drawing while checking with overhead view.
Drawing data has 3D coordinates.

Saving DXF・SXF

After saving in DXF/SXF data, you can edit it with your usual CAD.

Enables creation of drawings with point cloud data (LAS) surveyed with a handheld laser, UAV, MMS and fixed laser.

Point Cloud Data

Drawing

After Drawing（※）

Shaded Map Display (New Function)

It is possible to generate TIN from point clouds and execute shaded display.

Drawing

After Drawing（※）

※ "Drawing" is not automatic, it is by hand-drawing.

◆Enables creation of drawings by field operators in emergencies, such as disasters.
◆Even those unfamiliar with CAD can create drawings with one hour of training.
◆Drawing data is acquired in 3D coordinates.
◆Low priced to allow for purchase at licenses for may users.

Standard Price ➡ JPY 300, 000 (excluding tax)

NIPPON INSIEK

Please take notice that effective April 1, 2019, ASCO-DAITO CO., LTD. will be changing its name to NIPPON INSIEK CO., LTD.

https://www.insiek.co.jp/en/

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