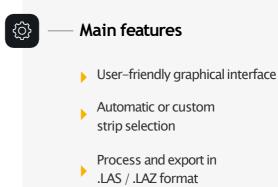# YellowScan CloudStation.

All-integrated software to handle your point-clouds

CloudStation is the proprietary software developed by YellowScan to generate and visualize point–clouds.

It comes as an all–integrated solution to allow a better and simplified experience for the customer.

⚙ — **Main features**

▸ User–friendly graphical interface

▸ Automatic or custom strip selection

▸ Process and export in .LAS / .LAZ format

▸ Advanced visualization tools

▸ Project setttings: Coordinate System, LiDAR profile, angle range...

YellowScan CloudStation.

YellowScan CloudStation provides a complete software solution to create and manipulate point-cloud data. It allows to extract, process and display data immediately after flight acquisition.

The auto-generation of strips and the production of LAS files are now done in only few clicks.

To allow for remote work in the field, customers have the option to test out the license for up to 30 days.

The software is provided with support, maintenance and updates at no additional costs during the first year after purchase.

General Characteristics.

CloudStation Core:

TECHNICAL SPECIFICATIONS

- Operating on Windows 10
- Automatic updates
- Offline license mode
- Optional extra license seats

+ Optional modules:

STRIP ADJUSTMENT MODULE

- Seamless adjustment of strips
- State of the art algorithms used in the offered adjustment methods
- Takes advantage of Ground Control Points (GCPs) for final adjustments
- One-click adjustment

DISPLAY OPTIONS

- EDL filter
- Measurement tools
- Custom image export
- Cloud color: Elevation, Intensity, Echo...

YellowScan Vx20-100 point cloud

TERRAIN MODULE

- Automatic classification of points as «ground/non-ground»
- Export classified LAS
- Export Digital Model from your classified point cloud as geolocalized TIFF
- Generate hillshade of your DTM

COLORIZATION MODULE

- Export colorized point clouds from simultaneous LiDAR +camera acquisition
- Colorize and visualize your strips in only few clicks
- Automatic LiDAR – camera calibration refinement

YellowScan

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