



Updates to Emesent's Aura software and the addition of the GoPro Max 360° camera accessory now enable clients to colorize their Hovermap point clouds for vehicle, backpack, handheld and drone scans.

With Emesent's 360° colorization, scans can be colorized no matter how they are captured, without the need to paint an environment - making it even faster and easier to add richer context to point clouds.

Key benefits

- Achieve faster data capture without the need to paint an environment
- Enhance ability of non technical stakeholders to understand the point cloud, especially when they don't have context around the original scan
- Colorize handheld, backpack, vehicle and drone scans
- Extract 360° images from the same capture

Use case scenarios

- Aid understanding of non expert stakeholders
- Show greater detail to plan plant shutdowns in oil and gas
- Provide greater meaning to draftspeople working on a scan who do not have the original context
- Add 360° images to colorization to allow deeper inspection of pipe or equipment condition
- Communicate construction progress in AEC

What's new and improved

- Multi-platform colorization: provide additional context to your point cloud no matter which platform data is captured on - backpack, vehicle, drone or handheld
- Accelerated capture: capture without the need to paint an environment
- One 360° capture delivers both 360° colorization and 360° images: no need to capture two separate scans, saving time
- Colorize merged data sets: colorize many scans from an entire project site or asset
- Quality control your colorized pointcloud: with features that allow masking of unwanted objects and removal of unwanted frames



Requirements

Hardware

- Calibrated Hovermap ST or ST-X with 360 color mount
- GoPro MAX 360 camera

Software

- Aura 1.5 or higher

Scan for more
information

