Auterion for Mapping

Run multiple vehicles, connect apps, and transfer imagery directly from the drone to the cloud.

Laurent Zimmerli
Head of Product Marketing

Auterion at a Glance.

We care about providing enterprise with an ecosystem of software-defined drones, payloads, and third party applications within a single easy to use platform based on open-source standards.

60+
People

51%
Contribution to PX4

1 million+
Drones using PX4, the kernel of Auterion OS

1
Only standard mandated by U.S. government

Auterion

We enable drone operations to scale

Multiple Vehicles, One System

Access to a variety of hardware options without changing systems or workflows.

Interchangeable Payloads

An ecosystem of payload that can be swapped in minutes.

Connected and Open

Connected from the field to the back office by the cloud and expandable with apps and integrations

Enables payload control & live video

Scales across multiple vehicles

Single Ground Controller

AEPX4 Enables AI on the edge

Auterion

Mapping as you know it, just smarter

- Integrate drone data into your existing workflows and tools

- Access imagery direct from the drone in the cloud

- Connect multiple vehicles, custom apps and integrations from our wide range of partners on a single platform
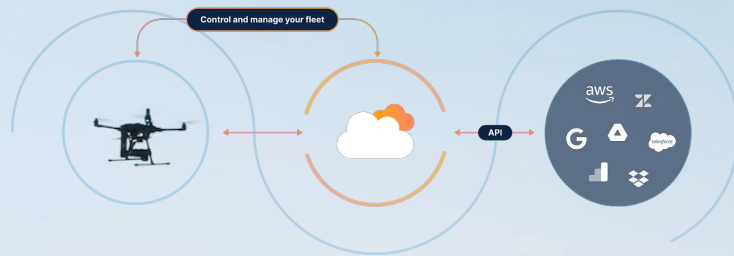
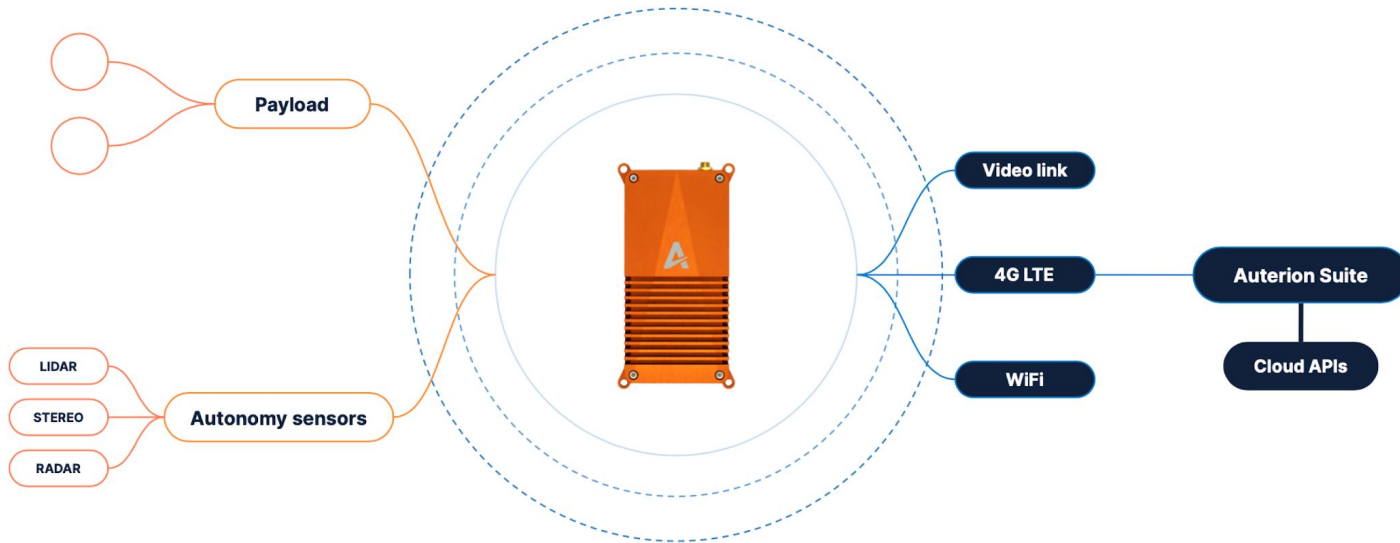**Auterion**

Auterion

Drones don't do mapping, software does.

Mapping workflow

https://youtu.be/hMQfHJJPOgA

Skynode: Enable the Auterion software platform

Access an ecosystem of payloads

SONY

WORKSWELL

NextVision STABILIZED SYSTEMS LTD

R10C

20.1 MP
Lens options

QX30U

30x Zoom
Integ. Lens

A7R IV

Full-frame
Lens options

WIRIS Security

30x Optical
800x600 IR

Colibri 2

20x Zoom
640x480 IR

Auterion

Capture the scene with confidence

- Collision prevention and obstacle avoidance let you safely survey places even BVLOS while avoiding accidents

- Automate mapping flight missions

- Set rally points for longer missions

- Mitigate human errors

- Interchange cameras and sensors to match job type

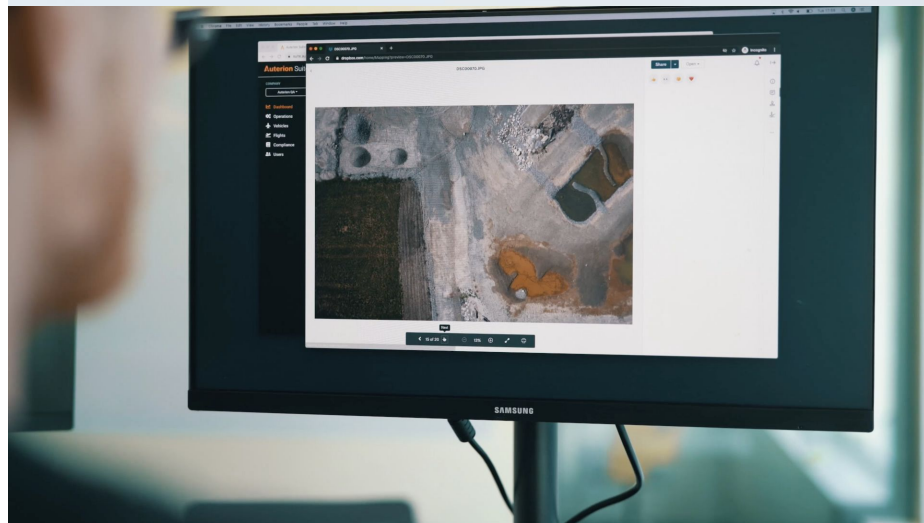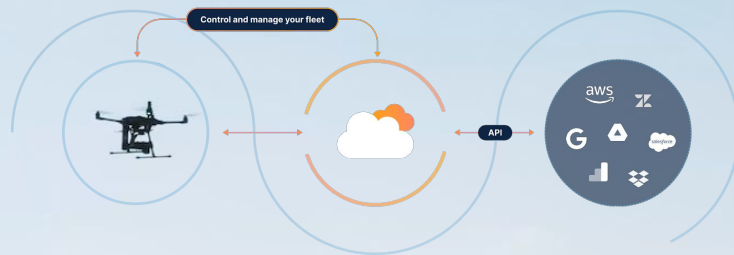Auterion
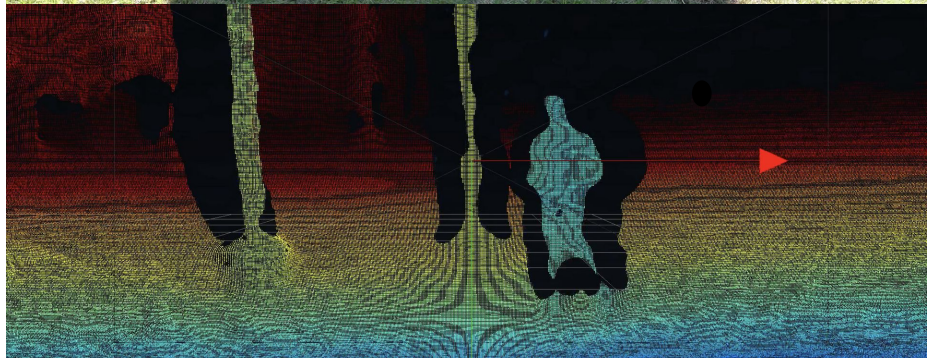
A platform for apps on board

- Use third party apps

- Deploy your own code in a container

- Leverage AI on the edge

On-board App

Vehicle

ERPs

Auterion Suite
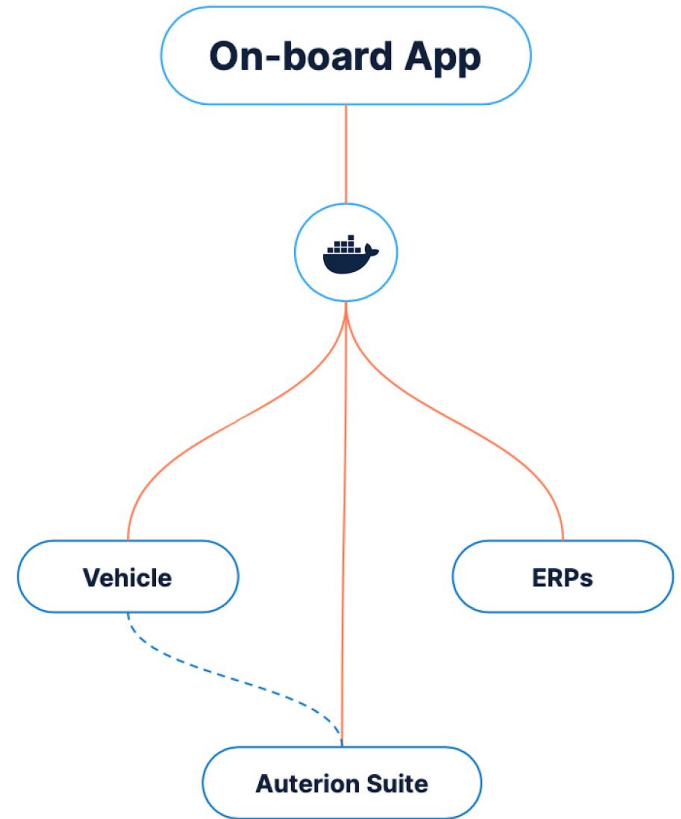
Auterion

Access data in real-time

- Send images and video directly from the camera to the cloud

- Easily review imagery in Auterion Mission Control

- Pre-plan your job workflows

- Transfer mission details from the office to the field
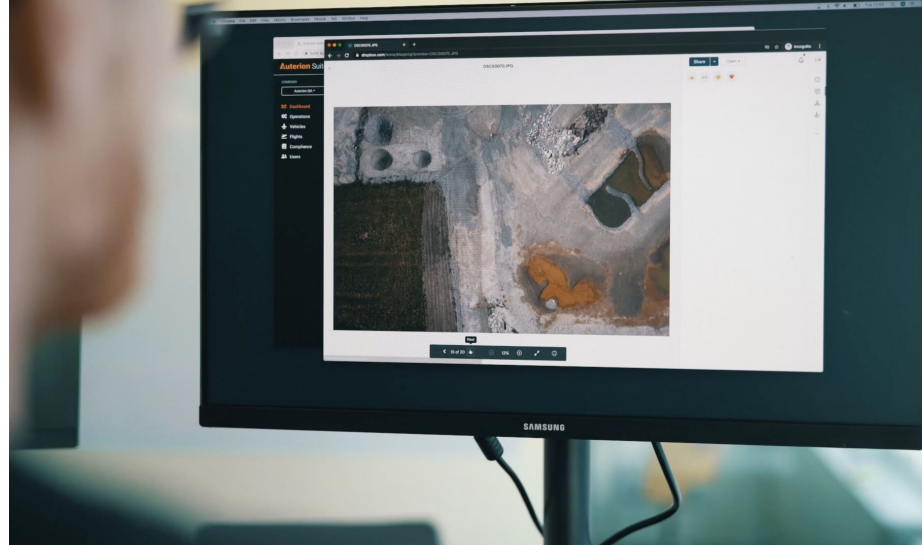
- Receive mapping data from the field to the office in real-time

Auterion

Cloud-connected for complete visibility

- Drones powered by Auterion are cloud-connected

- Access all data from footage to flight statistics in real time

- Monitor every detail of your drone fleet on any device with a single web application

- Run multiple missions across locations from one platform

Ensure compliance with each flight

- Prepare the mission with the pre-flight planning checklists

- See no-fly zones near you and real time traffic

- Download the compliance reports per pilot or airframe from Auterion Cloud Insights anytime

- Integrate data into a single process no matter which vehicles have been flown

Auterion
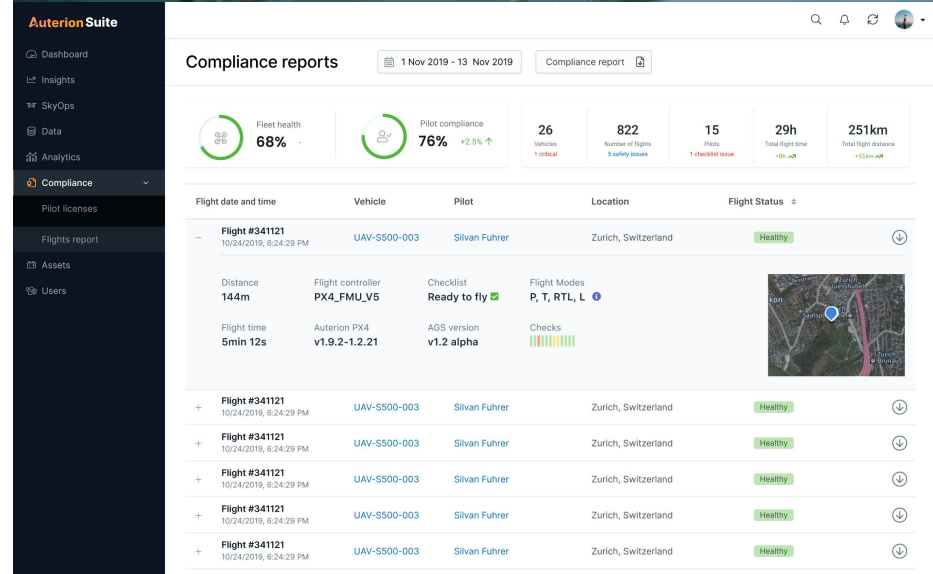
Connected to your enterprise workflow

Control and manage your fleet

API

Auterion

Drones don't do mapping, **software** does.

Providing you the most flexible ecosystems
of vehicles, payloads, and apps.

The best multi-use enterprise drone system

Freefly Astro

- Made in the U.S.
- Created for the enterprise
- Skynode on board
- More at **auterion.com/astro**

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Thank you!

auterion.com