Drone Data
Adding Value to Business
Our mission

The real world is offline; it can’t connect with computers or other devices.

SenSat’s mission is to build the third platform, an intelligent eco-system that translates the real world into a version understandable to AI. This technology will help us to build a more sustainable future, using the wealth of new insight to help people make better decisions.

We do this by creating digital twins, or digital representations of real world locations - then infusing real time data sets from a variety of sources. The result is an accurate, digital and up to date copy of the real world in a machine-readable format.
Understand the business need to deliver value

Data captured by drone isn’t useful if it doesn’t deliver on a business pain - it needs to fit within the wider ‘data mix’ of a business/project.
Satellite:
- GSD: 50cm/px
- Resolution: 500MP
- Altitude: 700,000m (2,300,000ft)

Planes:
- GSD: 10cm/px
- Resolution: 260MP
- Altitude: 3,000m (10,000ft)

Drones:
- GSD: 2.5cm/px
- Resolution: 20MP
- Altitude: 100m (350ft)

Phones:
- GSD: >0.5cm/px
- Resolution: 12MP
- Altitude: Ground
Creating your Digital Twin

Mapp® supports various data integrations to enable your site to benefit from a full digital. To support this, SenSat offer a suite of datasets and integrations that give your project greater levels of detail and context. These datasets are all integrated into Mapp®. The following are available for your site:

- Driven and Terrestrial LiDAR
- Ground Penetrating Radar (GRP)
- Satellite Data
- Weather Forecasts
- Internet of Things (IoT)
- Environmental Monitoring
- Real-time asset information (e.g. tilt and vibration sensors)
- People and asset tracking
- Traffic Monitoring
- CCTV integration

Please ask the Customer Success team for more information via support@sensat.co.uk
Your package includes SenSat data + Mapp® platform, for unlimited users.

SenSat Provided Data

- **3D Topographic Data**
  *E.g. Point Cloud*

- **IoT Sensor Data**
  *E.g. Environmental Monitor*

- **General Data**
  *E.g. Weather Forecast*

- **Context**
  *E.g. Wikipedia*

Mapp® Features

- **Point Cloud Power**
- **Click to measure**
- **Single Source**
- **Real-time Collaboration**
- **3rd Party Integration**
- **Real-time data**
Infrastructure Disruption

https://www.sensat.co.uk/digital-disruption-whitepaper

A new world of Mapping

https://www.sensat.co.uk/the-new-world-of-mapping