

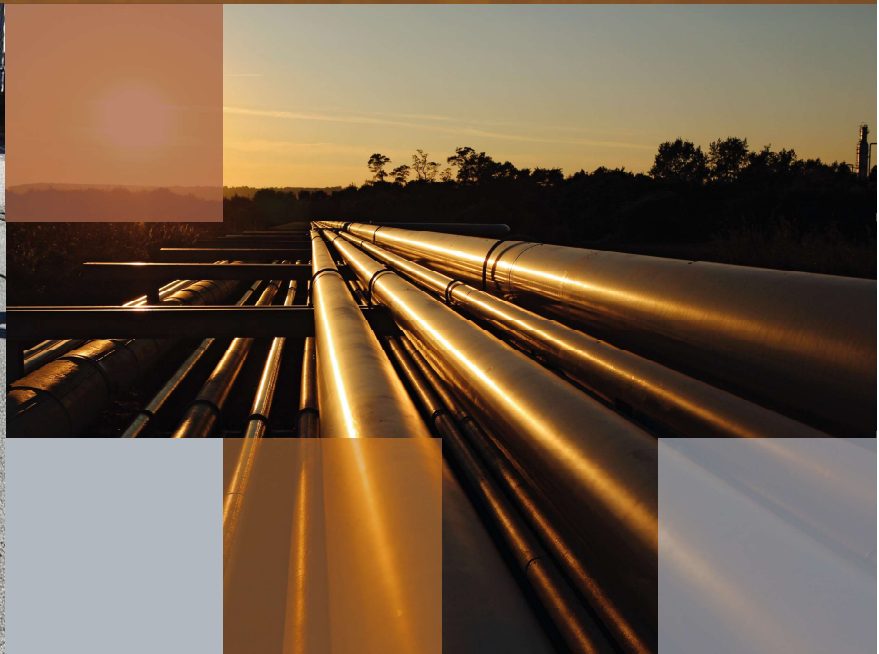


# SPECTRUM

SEE FURTHER, ACT SOONER

## GLOBAL ASSET OVERSIGHT

DETECTING RISKS TO INFRASTRUCTURE



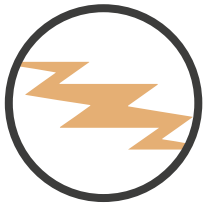




**SPECTRUM**

## Up-to-date, consistent and independent monitoring worldwide

Ground  
Movement



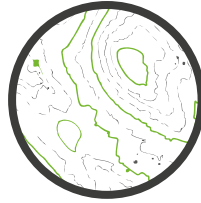
Illegal  
Activity



Landslide  
Detection



Terrain  
Change



Fire  
Detection



Environmental  
Risks



SPECTRUM delivers knowledge on factors affecting asset management, security and maintenance.

Our data offers a unique view of site activities in a way which replaces and complements existing survey practises.

Supports asset owners, contractors and regulatory bodies during the planning, construction and operation of sites, assets and major infrastructure.

It gives the true big-picture view, while offering much more than just a picture.

### A Whole New Perspective

From identifying millimetre scale ground movement to spotting new building and encroachment, huge volumes of data are brought together to provide actionable insights.

This is the only method which offers a snapshot of the truth at a single point in time. It is produced each time satellites pass over the site, to be certain that the latest updates are at your fingertips.

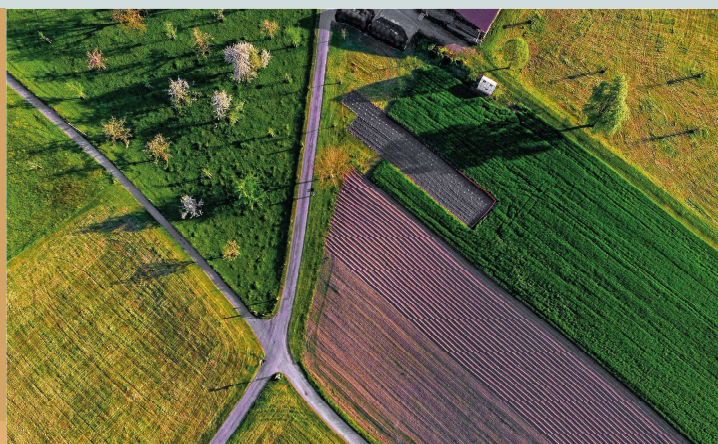
Available anywhere around the world at short notice, even across widely distributed locations which are difficult to reach.

### Existing Infrastructure

For roads, pipelines, rail, dams industrial sites and ports, SPECTRUM offers a wider and faster view than aerial or terrestrial surveys. It also offers knowledge on risks outside your site which may affect future operations

### Construction

Our tools allow Independent earth works and stockpile volumes, project status, environmental impact and machinery inventory plus much more. During feasibility planning, geospatial layers are provided such as detailed terrain and land ownership to maximise the development opportunity.



# Daily

Update for  
selected feeds



**SPECTRUM**

## Features and Benefits

### *Improve the safety and scope of asset monitoring*

Alerts and warnings draw your attention to new and existing risks, reducing ground survey cost and risk

### *Time saving AI analyses the data automatically*

And you can still dig into the data and confirm with your own eyes and our handy tools

### *Forecast future risks and maintain a record*

See whether issues have been dealt with and keep an as-built record for future purposes like claims

Multi-sensor  
Multi-spectral  
Multi-resolution  
global access



No need for  
safety review,  
access or flight  
permission



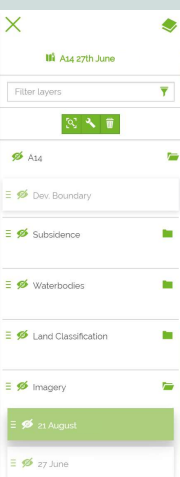
Independent,  
verifiable and  
works over very  
large land areas



Low Carbon  
solution that's  
environmentally  
friendly



All our feeds are accurately geolocated and time stamped and made available to view in our portal and printed as reports. The portal can be branded for you, and is secure. Data can also be streamed directly from our servers into your applications via API.





## Packages and Feeds

Standard packages are available which scale with the regularity of monitoring and the size of your site. These are customisable so you only have to buy what you need. Contact us on +44 333 433 0015 or email [info@earthi.space](mailto:info@earthi.space) for more details.

### SPECTRUM<sup>™</sup>

#### For Planning

Includes a variety of feeds and tools to characterise the landscape before starting a build, project, or as a one off survey of an existing piece of infrastructure

### SPECTRUM<sup>™</sup>

#### For Monitoring

Ideal for sites less than 50 square kilometers, features a wide range of feeds which update at the rate you specify, focusses on spotting specific changes

### SPECTRUM<sup>™</sup>

#### For Linear Infrastructure

Ideally suited to the challenges faced by linear infrastructure providing monitoring along a corridor including a buffer zone to capture all relevant areas

## Packages are matched to the needs of your site, our feeds include:

Very high-resolution satellite imagery	Waterbody identification	Construction object inventory	Terrain height mapping
Earthworks volume measurement	Terrain height changes	Daily bushfire detection	Millimetre level ground movement
Burned area calculation	Cut/fill volume calculation	Twice weekly medium resolution imagery	Obstacle intersection detector
River movement monitoring	New building or camp detection	Stockpile identification	Land ownership data in certain countries
Land clearance detection	Sudden subsidence warning	Land cover change statistics	Long term ground movement



#### Accurate

- Very Detailed data, as good as 40cm pixel size
- Millimeter accuracy subsidence
- Zoom into an area to make a detailed study



#### Accessible

- Data for your site already available for use
- On-demand surveys scheduled by our team
- Web portal for you and your colleagues



#### Aggregated

- A wide range of data feeds are available
- Feeds are combined to unlock new insights
- Load your own data into the system



#### Actionable

- Feeds are provided ready to use
- Create reports for your team and yourself
- Share reports with no restrictions



#### Affordable

- Customised to maximise the value to your site
- Satellite data is great value for money for large land areas
- Work within a budget