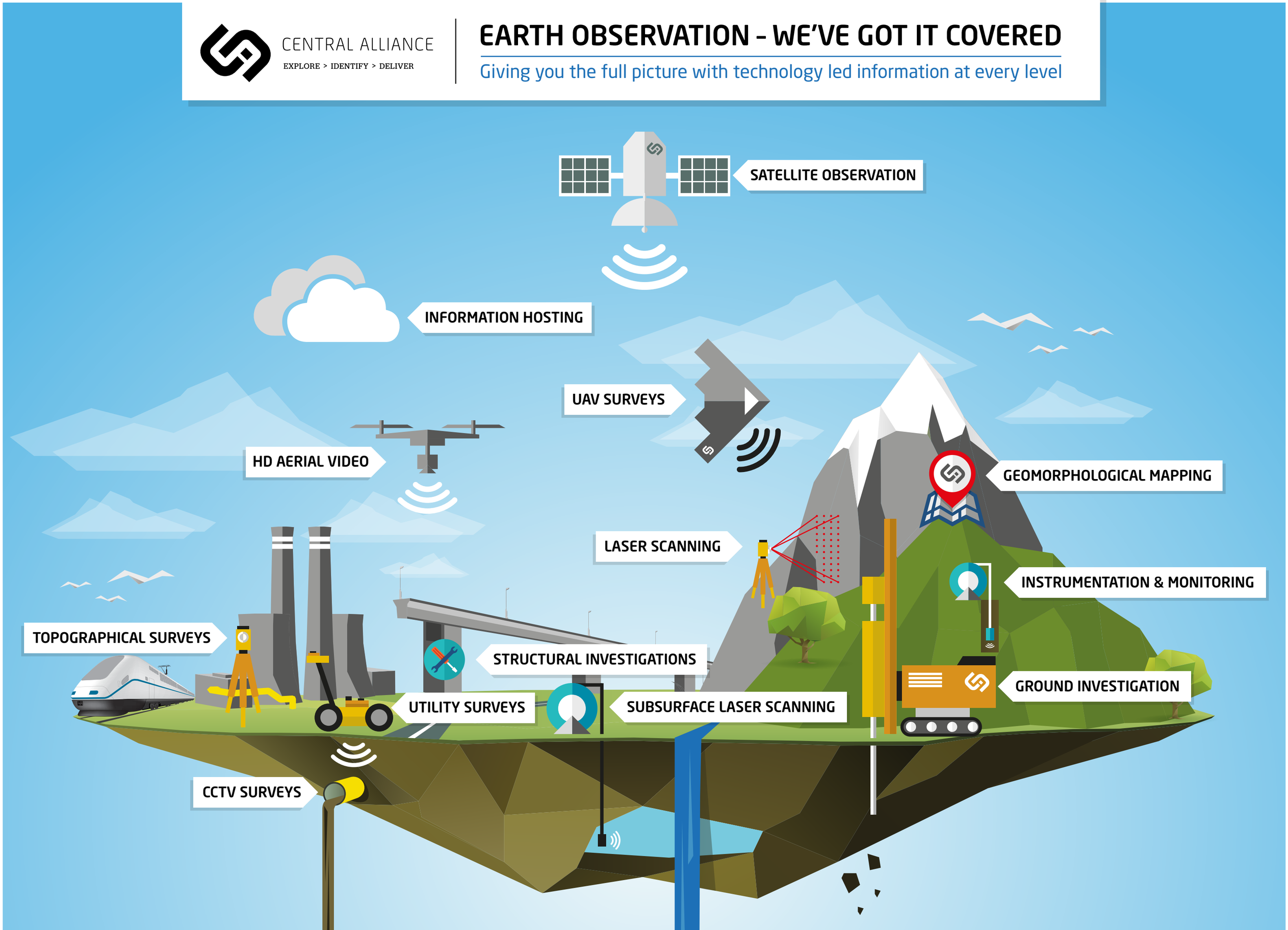
CENTRAL ALLIANCE

EXPLORE > IDENTIFY > DELIVER

EARTH OBSERVATION - WE'VE GOT IT COVERED

Giving you the full picture with technology led information at every level



Topographical Surveys
Gathering accurate alignment & level details for existing natural and manmade structures presented in scaled topographic drawings.

Utility Surveys
Mapping of underground services, detected with the use of electromagnetic tracing and ground penetrating radar (GPR) to provide utility drawings for planning purposes, clearance and ground workings.

3D Laser Scanning
The fastest, most effective and reliable way to acquire accurate 3D measurements of physical objects.

Subsurface Laser Scanning
Providing geo referenced subsurface data on any voids and cavities.

CCTV Surveys
CCTV camera technology allows full investigation and condition surveys of pipes, drains and sewers.

Ground Investigation
The latest drilling rigs and equipment to provide geo-information, analysis and advice.

Structural Investigations
Performed on all types of structures and all types or materials to provide condition surveys.

Instrumentation & Monitoring
Telemetry systems for the measurement and analysis of ground and structure movements.

Geomorphological Mapping
A preliminary tool for geo hazard risk management that provides graphical inventories of a landscape depicting landforms and surface as well as subsurface materials.

HD Aerial Video
Aerial observations include aerial photography, video and thermal imaging.

UAV Surveys
UAV technology provides high quality data and imagery only possible from the air.

Satellite Observation
For satellite imagery and earth observation to the monitoring of millimetric land movements from space over time.

Information Hosting
For making sense of all the data collected and allowing easy access for all project stakeholders.

Training
Providing cable avoidance training for ground workers and managers in the construction, engineering and rail industries.

CENTRAL ALLIANCE

EXPLORE > IDENTIFY > DELIVER

www.central-alliance.co.uk