Adrok’s goal is to try to find subsurface hydrocarbons and minerals better, stronger, faster.

Adrok provides geophysical survey services, usually for a profound first-potentiating our client’s exploration, and/or appraisal activities as a complementary survey to seismic or a pre-reflection alternative.

Our commitment

Adrok has pioneered and commercialised electromagnetic technology to supply geophysical services to clients from most areas, providing them with measurements of subsurface natural minerals, rock types and minerals. In parallel with this Adrok has worked upstream throughout the Middle East, Africa, Central Asia, South Asia, the Far East, New Zealand, Australia, China and the Arctic Circle.

International experience

Adrok offers worldwide services in exploration, development, production and pipeline projects for the petroleum, coal, minerals, geothermal, geotechnical and mining industries.

Pioneering geophysical services

Adrok is passionate about helping to make the world a better place by helping to better understand what lies beneath Earth’s surface.

Adrok have documented licences to commercialise EM technology to supply pioneering geophysical services for exploration, identification, mapping, and exploitation of subsurface natural resources.

Comparative: Adrok across a variety of sectors, including oil and gas, mining and civil engineering use our EM technology to gain substantial competitive advantages.
Adrok supplies innovative electromagnetic-related knowledge, technology, and services for the precise identification, imaging, and mapping of resources and materials.

**Technology & Services**

Adrok supplies innovative electromagnetics-related knowledge, technology, and services for the precise identification, imaging, and mapping of resources and materials.

**Technology**

- **The Adrok Scanner** is used for detecting and reducing the electromagnetic radiation absorbed or emitted by a test object. This scanner gives clients a useful understanding of the shape and controls of materials under test.

Adrok’s ADR Scanner provides:

- Image of the object's scanned area
- Material identification of objects
- Thematic mapping of image and material classification

Within the oil and gas and mining sectors, subsoils can be identified and quantified faster with precision. The ADR scanner penetrating both soft and hard rock allowing higher exploration precision. The scanner can be used for ground scanning and spotting for mineral deposits or other resources.

The benefits of Adrok technology include:

- Low energy and low-cost solutions to explore chemical or biological changes in material under test
- The ability to operate in all weather conditions
- The scanner is robust and can work through water and ice
- Lightweight tool for greater accessibility and expediency
- Field-configurable for various remote roles for enhanced geological exploration
- Cost-effective scanning solution

**How to apply our technology**

Adrok provides the following technologies and services for the precise identification, imaging, and mapping of materials.

- **Survey Products**
  - **Remote Scan** - Deployable Adrok survey
  - **Remote Scan** - Virtual tour survey products
  - **Remote Scan** - Deployable survey

Adrok supplies innovative electromagnetic-related knowledge, technology, and services for the precise identification, imaging, and mapping of materials.

Adrok’s typical workflow for client projects:

**PRE-SURVEY FIELD MODELLING AND PROJECT COORDINATION**

Adrok's geophysicists perform pre-field modelling of geophysical and site-specific data. This includes the preparation of any necessary work, the selection of appropriate geophysical tools, and the planning of the survey.

**ADROK SCANNING TRAINING FOR SUBSURFACE**

Adrok's geophysicists will conduct training on the use of Adrok's equipment, including the setup and operation of the scanners. This includes practical demonstrations and hands-on training to ensure that clients are able to use the equipment effectively.

**ON-SITE SURVEY DETAILED ANNEX**

A detailed annex will be provided to clients, which includes all the necessary information and instructions for the survey, including the survey methodology, data collection techniques, and data processing tools.

**DATA PROCESSING AND ANALYSIS**

Adrok's geophysicists will process and analyze the collected data using advanced software and tools. The results will be presented in a detailed report, which includes all the necessary information and instructions for the survey, including the survey methodology, data collection techniques, and data processing tools.

**INTERGRATION TO OTHER SERVICES**

Adrok can provide data for standard services, such as imaging and data processing products.