

INTEGRATED DATA MANAGEMENT FOR EFFECTIVE DECISION MAKING



5. Decide

Support decision makers to tackle complexity

Confidence in data is essential in the decision making process. Reliable information is pivotal to identify, address and mitigate risks and a key component of exploring scenarios and finding sustainable solutions.



6. Share

Deliver and communicate results

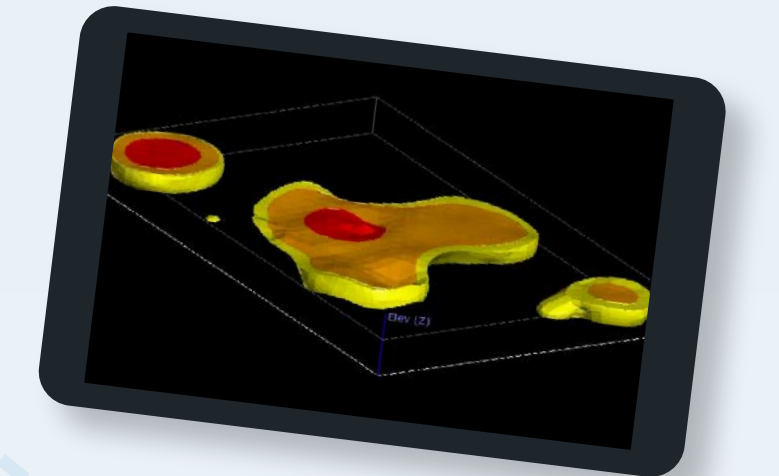
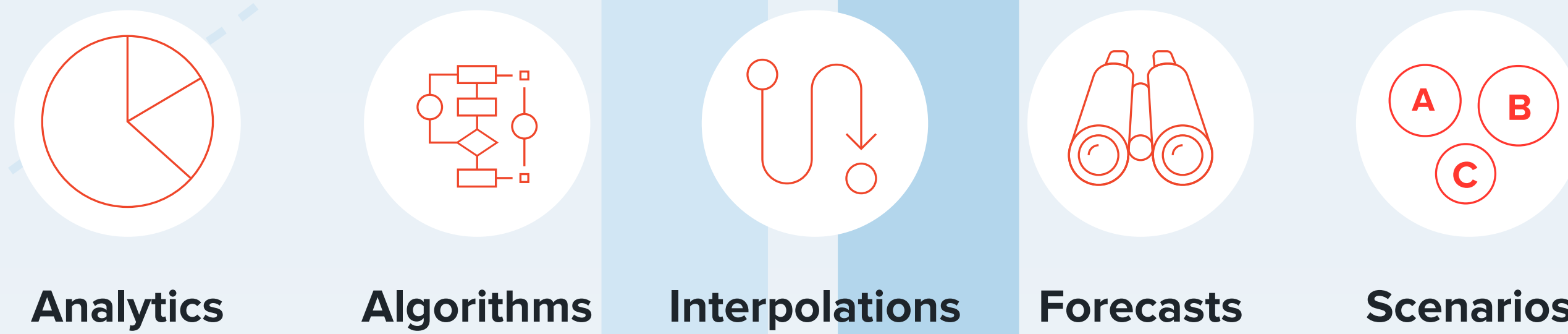
The management of project risks increasingly relies on the availability and accessibility of data. Digital communication offers a great opportunity to address the needs of multiple stakeholders, with various technical background, interests and requirements.



4. Analyze

Find the insights in your data

A common data repository enables the use of best available techniques to distill the knowledge from the increasing volume of information. The use of automated, predictive, self-learning algorithms is extending the capabilities of subject matter experts and fosters the transition from explaining to forecasting.

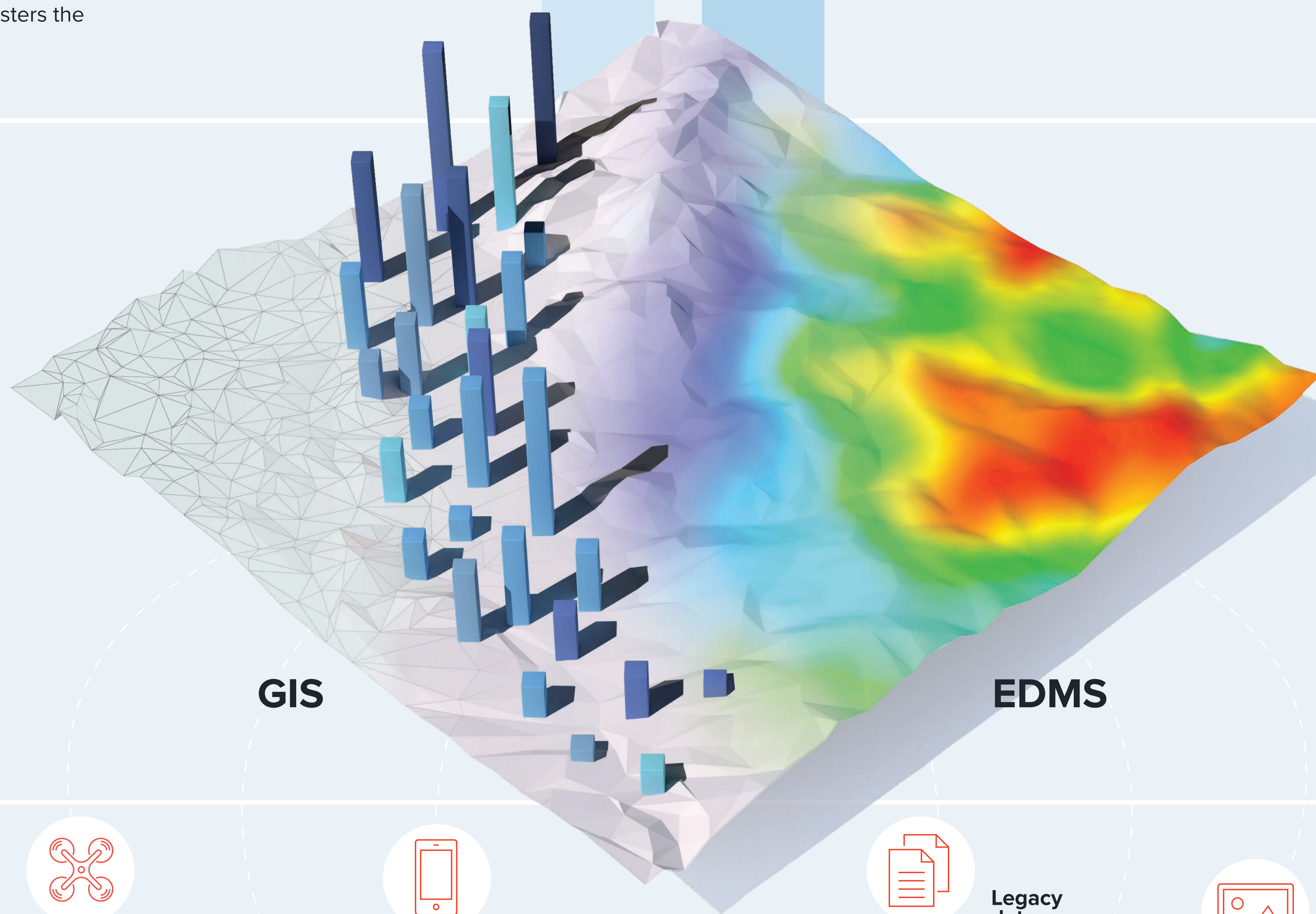


3D MAPPING OF CONTAMINATION
The data for most contaminated sites are inherently three-dimensional, and the current generation of 3D mapping software provides a significant advance to a more accurate and visually meaningful representation of phenomena and their evolution over time.

3. Integrate

Create the digital picture in the cloud

An integrated data management approach provides a comprehensive, accurate and verified view of a project and a foundation to understand the key drivers of space, time, state and change.

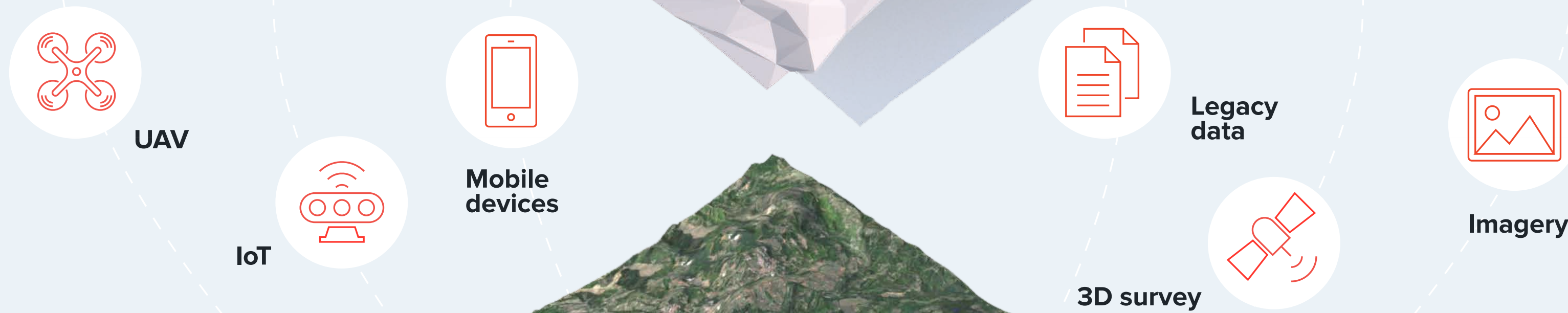


COMMON OPERATIONAL PLATFORM
Environmental Data Management Systems and Spatial databases are the foundations of a georeferenced, time-enabled, multivariate and multidiscipline digital picture of a project.

2. Collect

Transform your data collection workflows

The digital transformation journey begins in the field. From pen and paper to smart forms and digital devices; from discrete data collection to sensors and the Internet of Things; from periodic reporting to real time alerts.



DATA COLLECTION APPS
Intelligent forms and mobile GIS solutions allow capturing information digitally. QA/QC is ensured by validation rules that improve the reliability of data, accelerate acquisition and minimize data entry errors.

1. Plan

Think digital from the onset

Now, more than ever, projects require a digital strategy to effectively manage the data life cycle from collection to reporting.

