

What happens around your site.

Orbit around a hospital: schools, nurseries and utilities nearby, coloured by sector.

Substation, waterworks, hospital or radio mast: whoever is responsible for supply needs the site's surroundings in view, from the terrain through the airspace to the weather. SovAtlas puts it into one picture, on maps that only those who should see them can see.

For: Energy and water · Hospitals · Telecommunications · Security and crisis team

WHO IT IS FOR

One site, four perspectives.

Site security, crisis team, operations and management ask about the same place, with different questions. The German KRITIS umbrella act requires operators to carry out risk analysis, keep a resilience plan and report incidents.

SITE SECURITY

Know the surroundings

- Drone geo-zones, reported aircraft and disrupted satellite positioning above the site.
- The viewshed: from where the site can be seen.
- Access roads, terrain and buildings in 3D.

KRITIS umbrella act: monitoring the surroundings as a resilience measure

OPERATIONS

Risks with a place

- Flood zones and a water level to play through.
- Drinking water and medicinal spring protection zones.
- Terrain, slope and forest in the surroundings.

Risk analysis on site instead of in a spreadsheet

CRISIS TEAM

Who is affected?

- Hospitals, care homes, schools and water facilities in the surroundings.
- Residents in the 100-metre grid of the 2022 census.
- Official warnings and DWD weather on the same map.

Incident reports with the affected area

PLAN AND EXERCISE

Turning the picture into a plan

- Crisis plans following BSI Standard 200-4 with KRITISplan.
- Five phases, seven mandatory details per measure.
- Exercises on the same scenario, with the municipality and fire brigade.

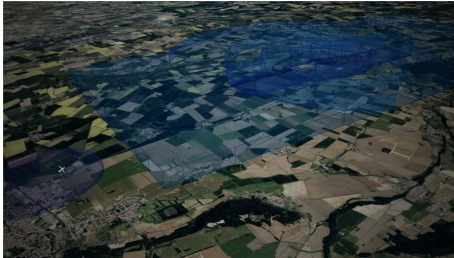
Resilience plan and exercises

SURROUNDINGS · REGIONAL TODAY · IMAGE ON THE COVER

Which buildings in the surroundings are critical themselves?

One look shows which hospital, school or supply facility sits next to the site and how many people live around it.

Facilities from the cadastre and open data; the map does not calculate dependencies between sites.



Drone zones above the site, each with its altitude band.

AIRSPACE · ACROSS GERMANY

What is in the air above the site?

Site security and crisis team see which rules apply above the site, where reported aircraft are flying and where positioning is disrupted.

The map does not see drones.



Example: what can be seen across the valley from a hill.

VIEW

From where can the terrain be seen?

A pre-selection for searches, site security and site planning: which hill, which roof and which road have a view of the site.

The viewshed accounts for terrain and buildings, not vegetation.



A river valley in a scenario: the water level is raised metre by metre.

FLOODING · REGIONAL TODAY

Does the site lie by the water, and what if it rises?

Preparedness with a picture: which site, which hospital and which waterworks lie in the same valley, and where emergency power or an alternative route should be prepared.

The water level is a scenario, not a forecast; the map does not compute water depth.

What getting started looks like.

Demo

One hour, your site: surroundings, airspace, terrain and warnings, on a protected map.

NO PREPARATION

Pilot project

A protected map for your sites with your first data; defined scope, defined term.

SITE SECURITY OR CRISIS TEAM

Plan and exercise

The crisis plan for the same scenario with KRITISplan, following BSI Standard 200-4, and an exercise on it.

WITH MUNICIPALITY AND FIRE BRIGADE

Which site should we show you?

In a demo we show SovAtlas on your site, on a protected map, using the data already available there.

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More on this topic: sovatlas.com/en/kritis · Operations and assurance: sovatlas.com/en/betrieb

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