



Case Study

Organization
swisstopo

Location
Switzerland

Industry
Map, Chart, and Data
Production

Quality Cartography for Current Times

The Swiss Federal Office of Topography (swisstopo) is responsible for creating and updating topographic data for Switzerland and producing the Swiss national map series.

What did they do?

swisstopo has a unique, highly regarded style of cartography. The production process integrates photogrammetry with geoprocessing production workflows. Before adopting the ArcGIS® platform into the production workflow, it took swisstopo staff considerable effort to keep all the maps up-to-date. Today, the links between the vector data captured photogrammetrically and the cartographic products are maintained. Each map product's production process has a unique digital cartographic model (DCM), which uses data from a topographic landscape model that has been transformed to become the product-specific symbolized data.

Do I need this?

When changes in the real world happen, linking vector data and cartographic products increases the efficiency of necessary updates. swisstopo uses a whole suite of DCMs to create different map products, including the Swiss national map series, as well as digital products like raster and vector data products, as well as interactive online and mobile products. Any organization can see improvements in map currency while maintaining quality cartographic products.

For more information,
visit esri.com/carto.

"The ArcGIS platform provides cartographic editing tools that make it possible to produce high-end quality cartography products like the Swiss national maps."

Olaf Forte
Head of Cartography, swisstopo



Understanding our world.