

Swiss Railways Uses TatukGIS SDK for Infrastructure Asset Management



Swiss Federal Railways has used the TatukGIS Developer Kernel for the development of its DfA Reports software application, which is used to manage a database of fixed railway asset installations across Switzerland. The DfA Reports application prepares and displays extensive infrastructure reports for the Swiss Federal Railways (SBB/CFF/FFS), the largest railway in Switzerland, and for the BLS (Bern–Lötschberg–Simplon) railway line, the second-largest (by traffic) standard gauge railway in Switzerland.

Using DfA Reports, approximately 800 individual infrastructure objects, ranging from Tunnels to Power Sockets, can be displayed, reported on, and analysed. Results of multiple report queries can be superimposed and displayed. Maps can be generated in real time, showing the location of data

being reported on. The data can be imported and exported in various formats. The GIS map data can be exported in various coordinate systems. During nightly processes, GIS data for the Rail Network, Maximum Speeds Allowed, and Electrical Power Network and Masts are automatically generated, ensuring this GIS data is always up to date.

SBB, the largest travel and transport company in Switzerland, has a reputation as one of world's most reliable and best managed railroads. SBB transports 336 million annual passengers and 195,000 metric tons of freight each day on a railway network composed of 3,175 route kilometres, 792 stations and 1,167 level crossings. With the exception of the small cantons of Glarus and Appenzell, all of Switzerland's cantonal capitals are served by the SBB network. For more about SBB, visit the Swiss Federal Railways website at: www.sbb.ch.

SBB, a TatukGIS customer since 2010, uses the Developer Kernel for VCL (DK.VCL) edition, including TatukGIS support for Oracle Spatial database, with the Embarcadero Delphi development environment. For more about TatukGIS and its GIS SDK products, visit: www.tatukgis.com.

Learn more on TatukGIS Developer Kernel on Geo-matching.com.

<https://www.gim-international.com/content/news/swiss-railways-uses-tatukgis-sdk-for-infrastructure-asset-management>
