

Hexagon Safety & Infrastructure Supports Zurichâ€™s Public Transportation Network



Zurich Public Transport (VBZ) has selected Hexagon Safety & Infrastructure's public transport GIS solution to improve infrastructure data quality and access in Switzerland's largest city. Hexagon's Geographic Transportation Asset Management System (GeoTrAMS) will provide VBZ with a central database, standard workflow-driven applications and organisation-wide access to geospatial information and capabilities.

VBZ's 2,500 employees operate 76 tram and bus lines on a 510-kilometre network. Currently, data for rail, switches, stops and overhead traction wire is available in computer-aided design (CAD) format, and their evaluation is a time-consuming process. VBZ rail vehicles travel 90,000 kilometres and serve more than 900,000 passengers each day. Up to 400 vehicles run simultaneously on Zurich's transportation network, intelligently

organised and monitored by a 24/7 command and control room that analyses traffic throughout the day.

Geospatial Data to Improve Access

According to Christian Heimlicher, project manager, VBZ, Hexagon's GeoTrAMS software will be used to create a municipal public transport system that improves data quality and is accessible to more people.

The solution, which includes Hexagon's GEOS Pro cadaster software, will improve VBZ's data quality, management, visualisation and access. It will also automate reporting to the Swiss Federal Office of Transport, which will save personnel time and resources.

Hexagon developed GeoTrAMS in the German-speaking region for rail-bound transportation. Users include public transport operators in Stuttgart, Frankfurt/Main, in the Rhine Neckar metropolitan region - Heidelberg, Mannheim and Ludwigshafen (Germany), Basel (Switzerland), and Linz (Austria).

Hexagon Safety & Infrastructure's integrated transportation solutions help operators balance multiple factors – from safety and capacity to quality of service – to achieve success. Hexagon serves some of the world's largest rail and transit systems, including Deutsche Bahn and the New York Metropolitan Transit Authority.