

Concept for a geographical information system (GIS) at airport Zurich

2003

Problem:

With the introduction of a GIS the following strategic goals should be achieved:

- Geodata are for many business processes the main resources. The control of these resources and the central internal administration is strategically important.
- The geodata administered in the GIS and the functionalities for analysing the data are predominant to answer questions in the areas aviation, engineering, environment inclusive noise, spatial planning, building design, national economy and politics.
- The device for value conservation of the airport documentation in the form of geodata must be on a long-term basis ensured (investment protection).
- Decisions with a spatial component are to be visual-geographically supported on all levels.

Services:

ITV established the concept for implementing a geographical information system at the Zurich airport. The objectives and the important aspects from already existing neighbouring systems with interfaces to the GIS as well as the requirements of the different user groups were analysed.

Benefit:

The concept, which describes the future GIS at the Zurich airport in detail, serves also as basis for product requirement specifications for the following tendering and evaluation of a system, as well as for internal project marketing. Based on this concept the necessary decisions for further progress of the project could be made by the management.