

Implementation of a utility information system (ZANIS) with data pool and standardised data exchange

1998 - 2000

Problem:

Unique Zurich Airport is responsible for planning, realisation, operation and maintenance of the airport Zurich. While handling geographical data Unique concerns itself with two connected topics; on the one hand with the regulation of data exchange of utility data and on the other hand the long-term storage of data for a future GIS at the airport.

The geometrical situation and the attribute data must be on disposal in digital form for maintenance. In order to avoid a expensive data preparation later, a central data storage in a data pool and the data exchange has to be defined.

Services:

With a public tender a suitable system (GIS) and an external operator of the data pool was determined. The tender (establishment of product requirement specifications), the list of the evaluation criteria and the evaluation of the offers were taken over by ITV.

In the context of a pilot operation ITV was responsible for the project management for the organization of data preparation in which several parties was involved.

ITV established guidelines for the involved parties concerning data acquisition and data delivery into the data pool. These guidelines contain description of the data set, the data model, the operational processes and the required quality.

Benefit:

Realised operation of a data pool for utility data with an external operator and guidelines for data acquisition and data exchange.