



## **Internet access to old topographic maps**

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Old topographic maps from the era of Austrian-Hungary Empire are very important sources of valuable information. It is necessary to make these data more accessible for appropriate data mining. This article shows methods and possibilities of their Internet distribution.

The first step into the era of digital usage of these maps is digitizing original map sections. Almost every map of three main military mappings was scanned till now. Resulting raster images can be very easily viewed on the Internet within some “viewer” application. This application usually uses original data cut into many small tiles. Among many software solutions we prefer Zoomify application based on Flash.

The second step is distribution of georeferenced maps in appropriate coordinate system. Having old maps within well known coordinate system we can easily compare contents of maps from particular area. The best way how to distribute georeferenced maps on the Internet is using web map services.

At the Department of mapping and cartography, CTU in Prague is for many years carried out the project focused on old maps georeferencing and their Internet distribution. The data of II. Military mapping of Austrian-Hungary Empire from the area of Czech Republic were georeferenced in “UTM zone 33” coordinate system. These data are distributed using web map services and can be easily connected into any desktop or web GIS application keeping the standard of OGC WMS.