

3D-GIS in the Cloud Application

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Key words:

SUMMARY

3D-GIS in the Cloud main purpose in cadastre and urban planning tasks is to evaluate and assist in designing the use-efficiency of both existing and planned spatial space. The application provides a realistic and detailed 3D model of parcels, features and structures locates above and below ground, and ownership information. One of the biggest challenges faced by land authorities, when dealing with cadastre, is the fact that land conventional design tools are lacking the ability to handle complex, multilevel spatial spaces that are populated above and below a land parcel.