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Kráľova hora

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#### Information policy in the Slovak Republic 1) Information policy mainly about content directive process of the ICT application public administration relationship between government - public Geographical Information Infrastructure / Spatial Data Infrastructure connection legislation to the GI metadata services for clearinghouse data with references persons GII initiatives Global Spatial Data Infrastructure European Umbrella Organisation for Geographic Information – project GINIE E-ESDI —» Infrastructure for SPatial InfoRmation in Europe NSDI — Slovak Spatial Data Infrastructure = NIPI SR State Information System and Strategy of the Slovak Information Society a) year 1992 – National program of Slovak Information Policy year 1995 - National Council Act 261/1995 of law digest on SIS AIS GCC - a part of SIS, uses 3 concepts year 2001 - Politics of the Slovak Information Society - connection to the eEurope+ initiative year 2004 - Concept of Strategy of the Slovak Information Society and the Action Plan e) year 2005 - Concept of Act on Information systems of public administration GIS Ostrava 2005, By interoperability to mob January 23rd to 26th 2005

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# Automated Information System of Geodesy, Cartography and Cadastre

Act 215/1995 of law digest on geodesy and cartography, Act No. 423/2003

- Information System of the Geodetic Control
  - a) GC is the reference base
  - b) GC uses GNSS equipments
  - c) GC points:
    - permanent stations SKPOS = Slovak positional observation system
    - i. geodynamic points SGRN
    - ii. reference points SKTRF (NSN)
  - d) SPGS Slovak permanent GNSS service
  - e) SKPOS objects position with precision below 2 centimetres in real time
  - f) SPGS for NIPL SR
  - g) SPGS as a Location Base Service

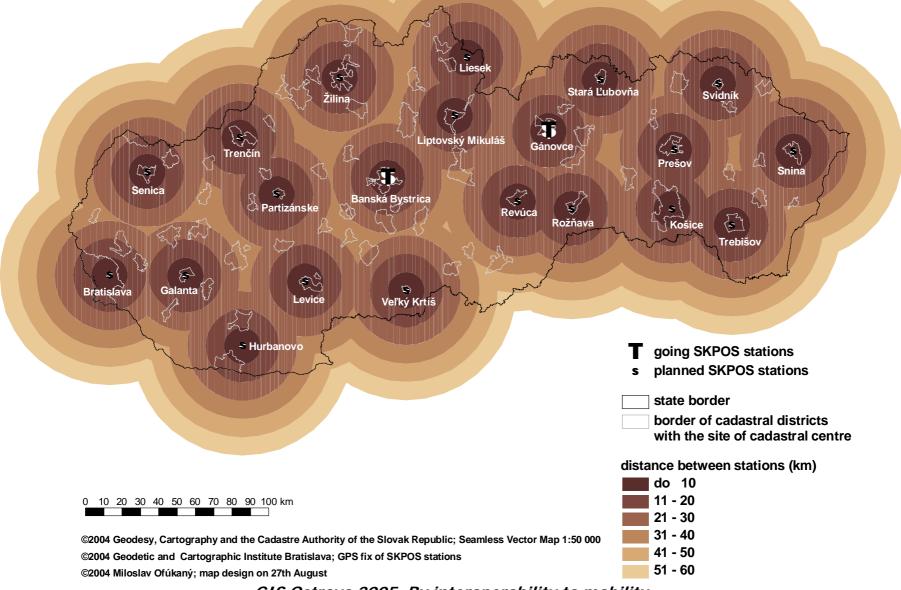
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Proposal of the Slovak positional observation system



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# Automated Information System of Geodesy, Cartography and Cadastre

- 2) Information System of the Cadastre of Real Estate
  - a) belong among the most huge IS from SIS
    - . 12.2 mil. parcels,
    - ii. 1.1 mil. buildings,
    - iii. 750 000 flats,
    - iv. 28 mil. owners
  - b) years 2002, 2003 there were investments to Cadastral Registries:
    - i. LAN (Ethernet 100Mbps), ii. hardware & software,
    - iii. applications (W\_ISKN, W\_RKN, W\_ROEP, W\_BPEJ, W\_SKM, WinPPÚ)
  - c) Cadastre Portal = KaPor (in Slovak language)
    - i. year 2002 A Concept of implement the cadastre register to the Internet
    - Working group for KaPor
    - iii. 30 th September 2003 winner Ness Czech
    - iv. 1st February 2004 www.katasterportal.sk
    - v. statistics (30 th September 2004):
      - 5415 users
      - 900 active users
        - 78520 sets
    - vi. 24th November 2004 information about KaPor for Slovak Government
    - vii. year 2005 aims:
      - actual data every week
      - cadastral procedure
        - changes in database (RC ends, prises of agricultural and forest land
      - creation of "Viacucelový kataster", digitization of ROEP, VKM

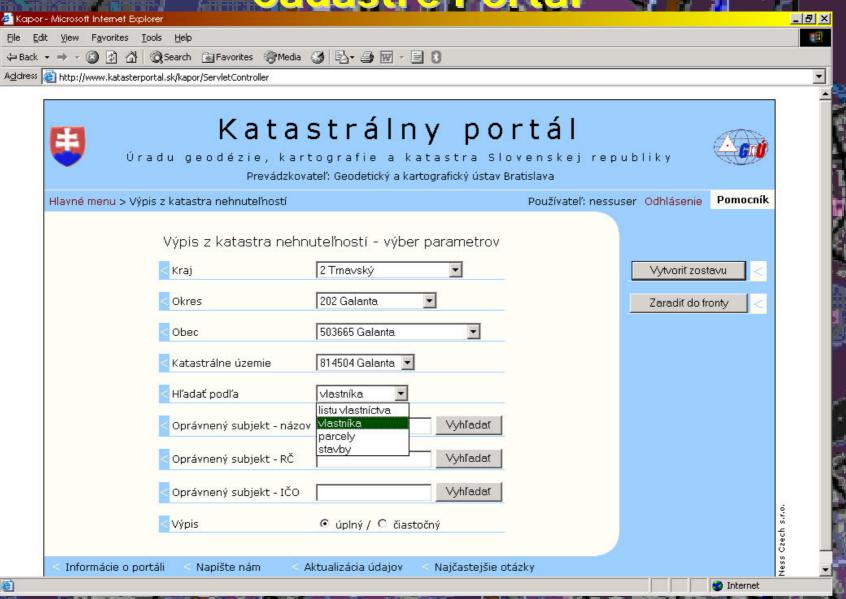
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### **Cadastre Portal**



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## GIS development in the GCCA SR sector

- 3) Primary Database for the Geographic Information System ("ZB GIS")
  - a) concept in the year 2002
  - b) digital aerial photogrametry
  - c) DEM
  - d) digital topography
  - e) seamless orthophotomap
  - f) state administration: GCCA SR, MD SR, MTPT SR, MoA SR, ME SR, MI SR
- 4) Working Group for Geographic Information Systems
  - a) starting in 3rd October 2000 by activity of Government council for informatics
  - b) 18th April 2002, 2nd September 2004, 18th November 2004
  - c) OC PD GIS
  - d) www.geodesy.gov.sk/gis web page is being prepared
- 5) Cooperation with Topographic Institute Banská Bystrica
  - a) military topographic maps 1:50 000, 1: 25 000 in S-42 reference system
  - b) vector map 1:200 000
  - c) DEM 3 (grid 10 meters)
- 6) Web map service pilot of GCCA SR GeoPortal
  - 1) administrator is GCI Bratislava
  - 2) www.geoportal.sk under testing

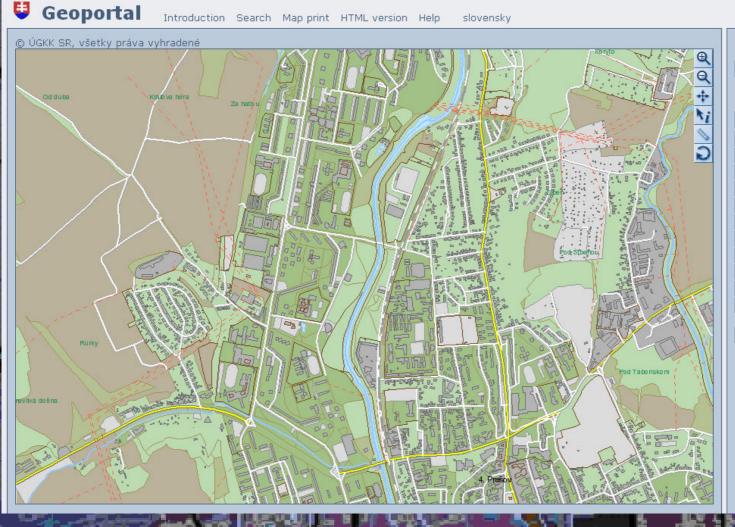
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## Publication of ZB GIS on the GCCA SR GeoPortal



Show the whole map

Size of the man displayed

920x600

#### Choice of layers:

State map series

Area boundaries

Settlements

Geodetic control

Cadastral maps

GIS layers

Seamless vector map

Digital models

Orthophotomaps

State administration scope

Historic maps

#### PCALE 1:11/196

-- change the scale --



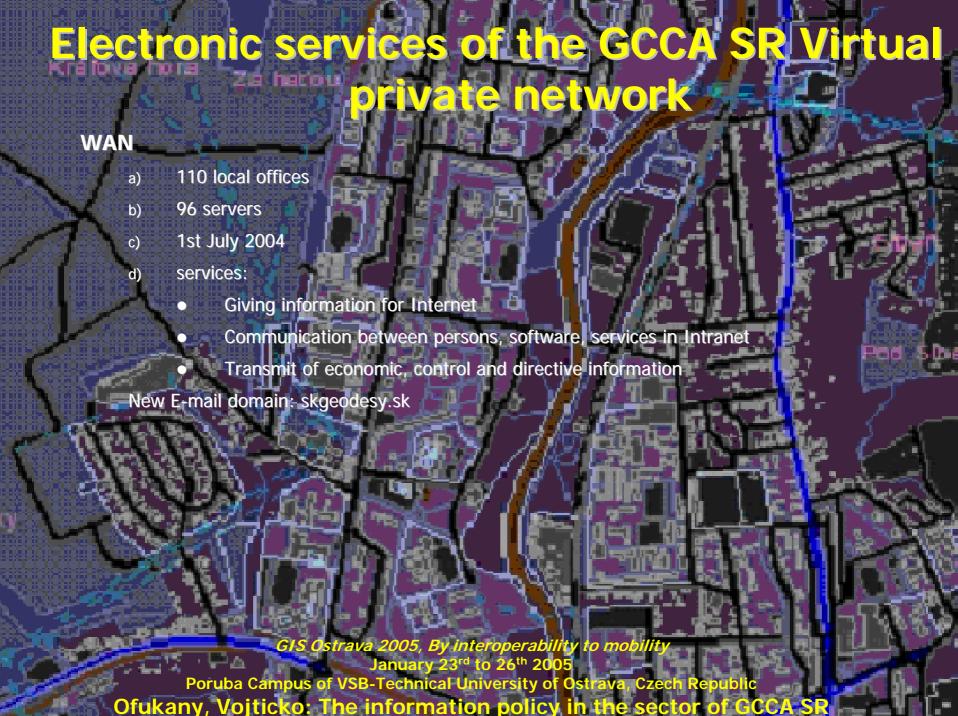
geoportal@gku.sk

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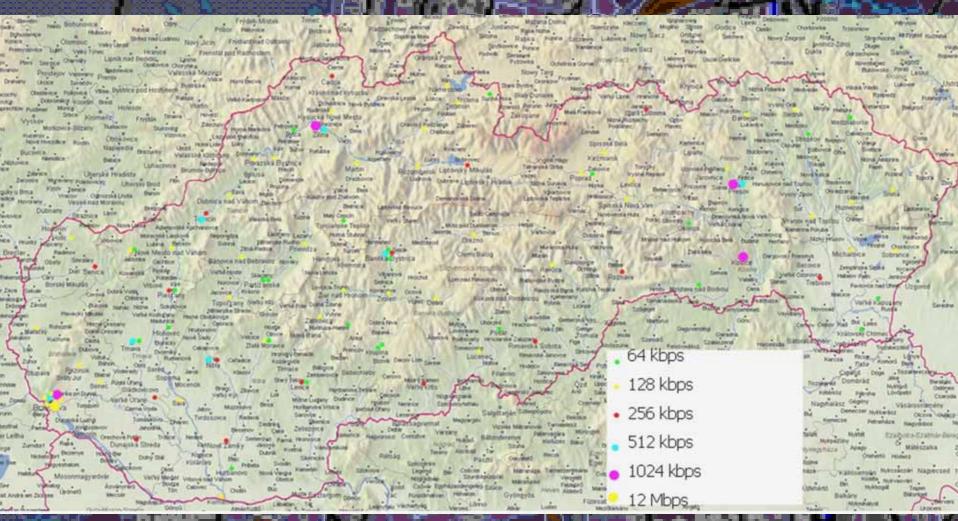
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# The GCCA SR Virtual private network



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