

Intergraph Solutions for Transportation

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Strategy of Intergraph CS CSE Europe



Partnership is the STRATEGY and many thanks to DATECS for the invitation for this Seminar....



Key Products of Intergraph for „ not only for Transportation „



GeoMedia family products

- GeoMedia
- GeoMedia Professional
- GeoMedia Web Map
- GeoMedia Transportation Manager
- **GeoMedia 3D** (new release in Q2-Q3)
- **Map Window** (developed directly for the users)
- **ESID** (application for tracing on the road – specially for to know who is the owner of land / land property management)
- **Geoportal Solution – INSPIRE** – legislation of EC which has to be applicable in local law

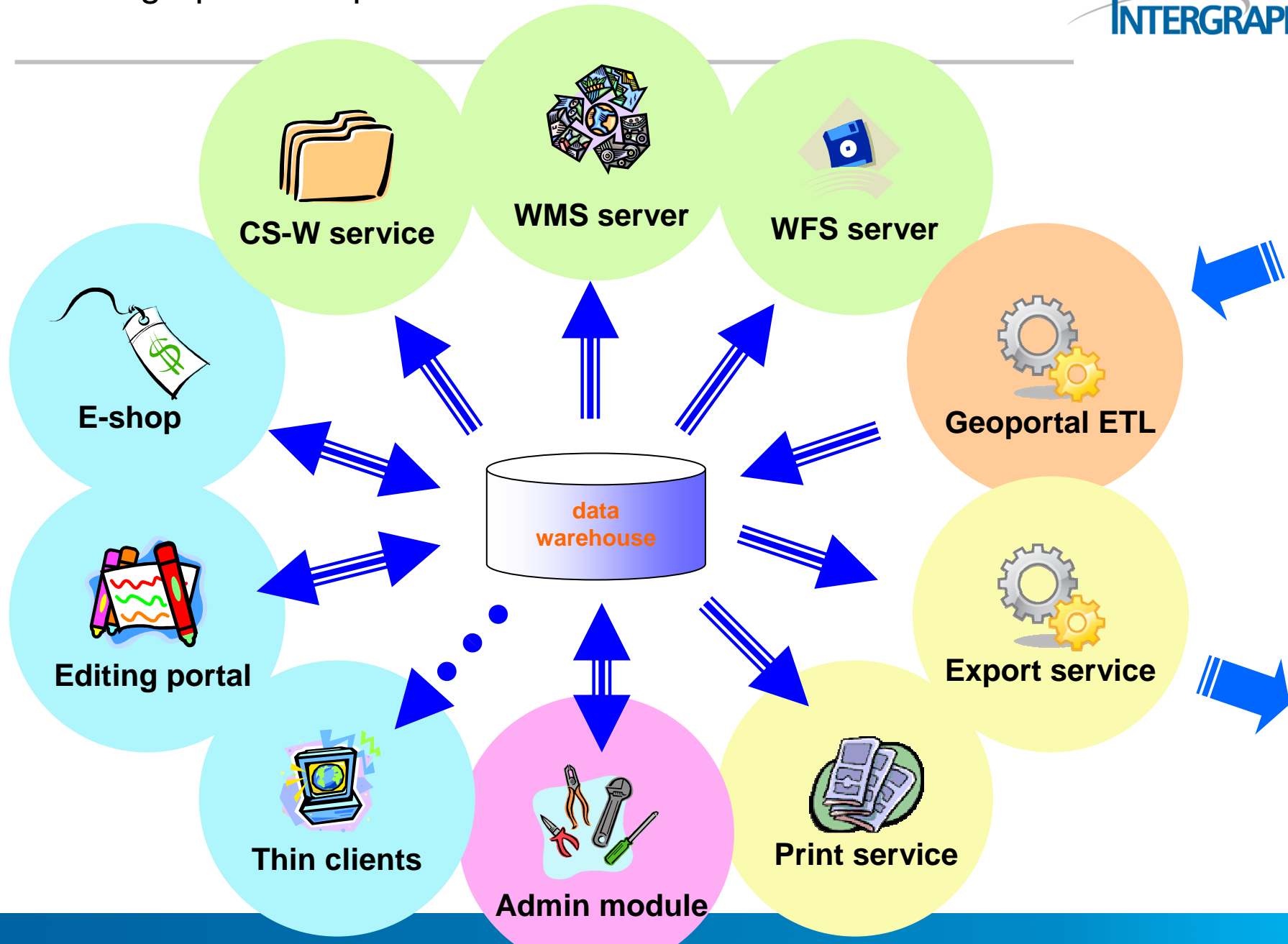


I/CAD family products

- Solution for dispatching of Transportation Authority
- Solution for Transportation Security



Intergraph – Geoportal Solution - SDI/INSPIRE



Intergraph Solutions for Transportation



Land/Property Management



Road Management, Planning, Development




Outage Management Facility Management



Intelligent Transportation Systems



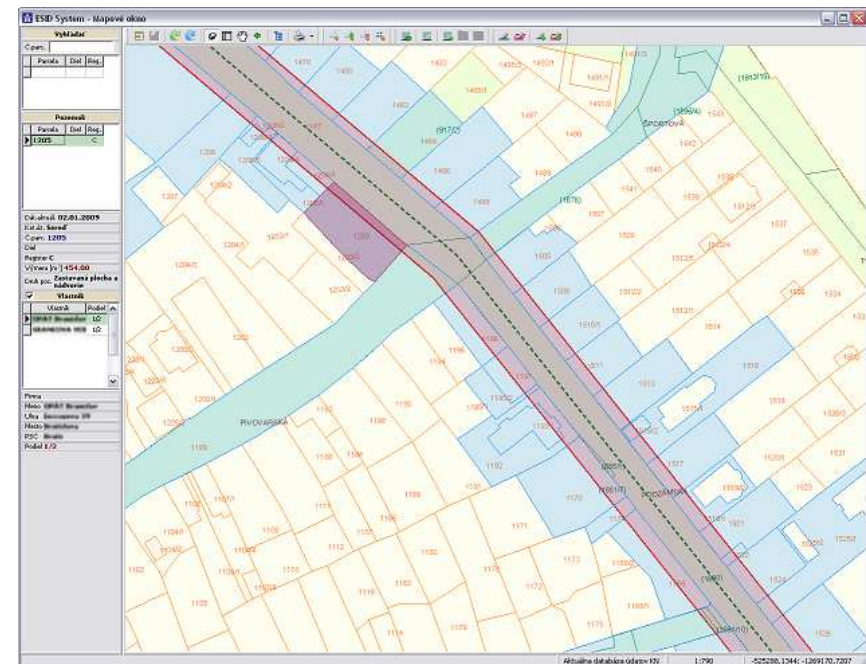
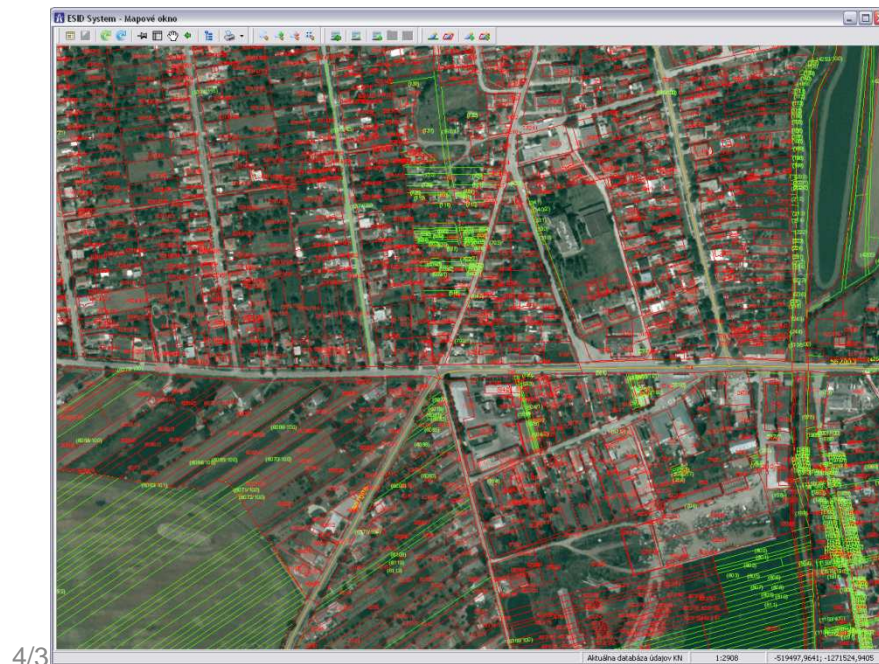
Navigation Routing RDS



Land/Property Management



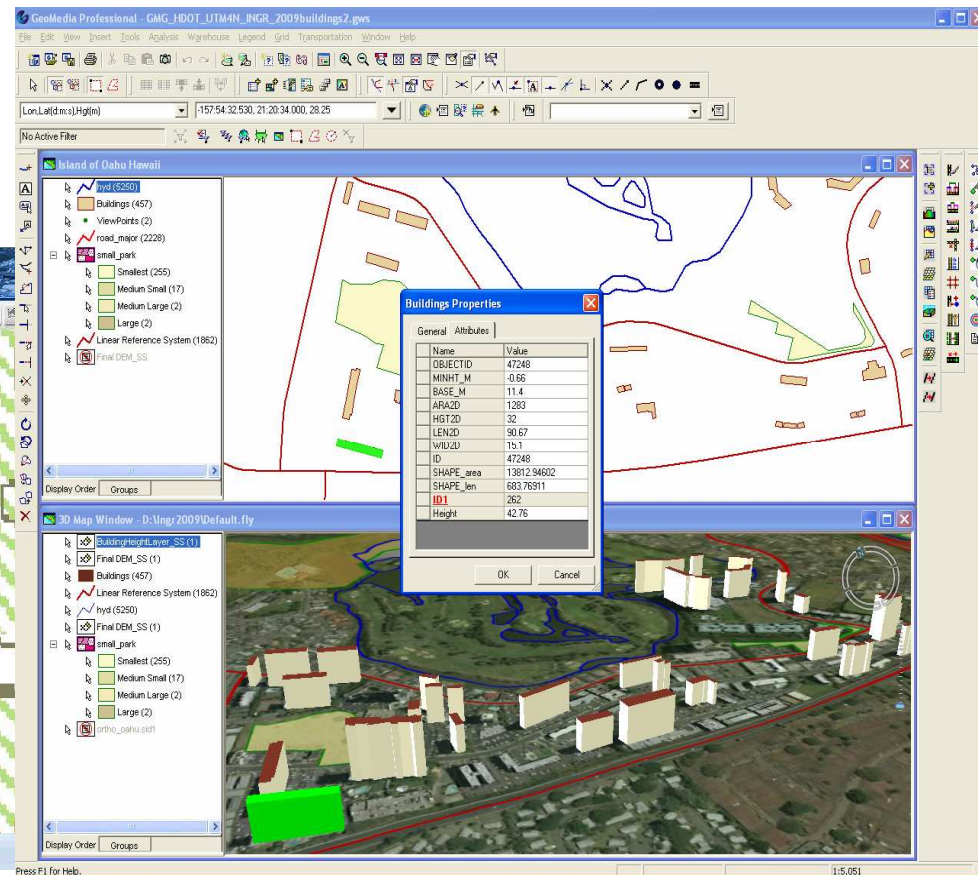
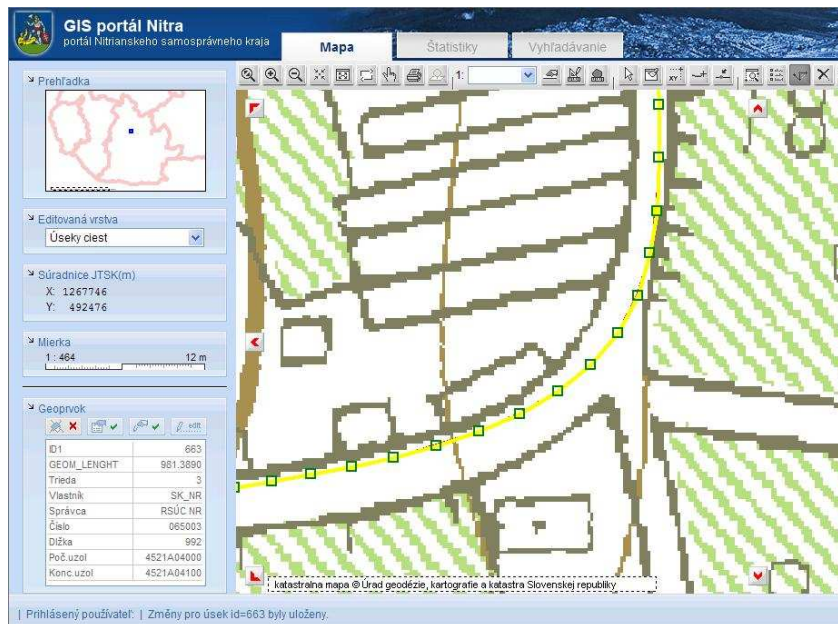
- Property of Road/Highway management companies
- Land Management before investments
- Encumbrances
- Negotiations with owners
- Deeds
- Cadastre of real estates



Road Management, Planning, Development



- Central Database of road data
- Seamless map
- Desktop clients for administrators
- Thin clients for common users
- Road equipment and devices
- Data publication
- 3D simulations



Outage and Facility Management



- Mobile Workforce Management
- Asset management
- A lot of local development/support of OMS Solution (Dynavix and Motorola partnership)
- Dispatcher drives the mobile workers based on their location and planned actions

The screenshot displays the TrackForce software interface, which is divided into several sections:

- OPERATIONS:** A table listing various jobs with columns for ID, Name, Type, Description, Location, Start, Duration, Owner, and State. The table is filtered to show 17 ONSITE jobs.
- RESOURCES:** A table listing vehicles with columns for ID, Name, Class, Description, Location, and Availability. The table is filtered to show 5 resources.
- ALARMS:** A table listing alarms with columns for ID, Type, Time, Description, Location, State, and Owner. The table is filtered to show 5 alarms.
- FEATURES:** A table listing service stations with columns for ID, Name, Type, Description, and Location. The table is filtered to show 5 features.

On the right side of the screenshot, there is a map view showing a satellite view of a city area. A worker in a yellow high-visibility jacket is using a mobile device (a PDA or tablet) to interact with the software. The device screen shows a map with a red arrow pointing to a location and the word "CHECK" written in red. The device is a Compaq Pocket PC.

Intelligent Transportation Systems



- Intelligent Transportation Systems – incoming future of transportation
- Usage of spatial and attribute data in real life
- Traffic management
- Accident prevention
- Police actions



Navigation, Routing, RDS



The image displays two software windows side-by-side. The left window is GeoMedia Professional, showing a map with various colored overlays (pink, orange, green) representing different data layers. The right window is a web browser displaying the AA Maps website. The browser shows a routing page with the following details:

- From: Wellington, Wellington Central, Wellington
- To: Auckland Radiology Group, Grafton, Auckland
- Total distance: 645 Km
- Approximate driving time: 7 hours, 1 min
- Drive 645 Km - about 7 hours, 1 min

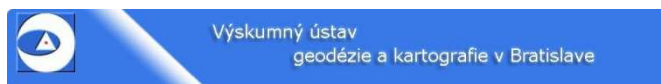
The browser also displays a list of 10 directions and a map of New Zealand with a blue route line connecting Wellington to Auckland. At the bottom of the browser window, there are several sponsored ads for properties like 'Auckland's Watohere Estate' and 'Carmella Court'.

4/30/2010

EDIT THIS

References from the area of Transportation

- Slovak Road Management Company
- Slovak Highway Management Company
- Deutsche Bahn
- Croatian Highways
- Swiss Railwais
- MTA – NY, US
- Czech & Germany Forestry (Central database of forestry roads)
- Cadastre systems: Czech, Slovak, Hungary, Neederland, Kosovo...
- Police presidium Czech Republic



THANK YOU VERY MUCH FOR YOUR
ATTENTION...