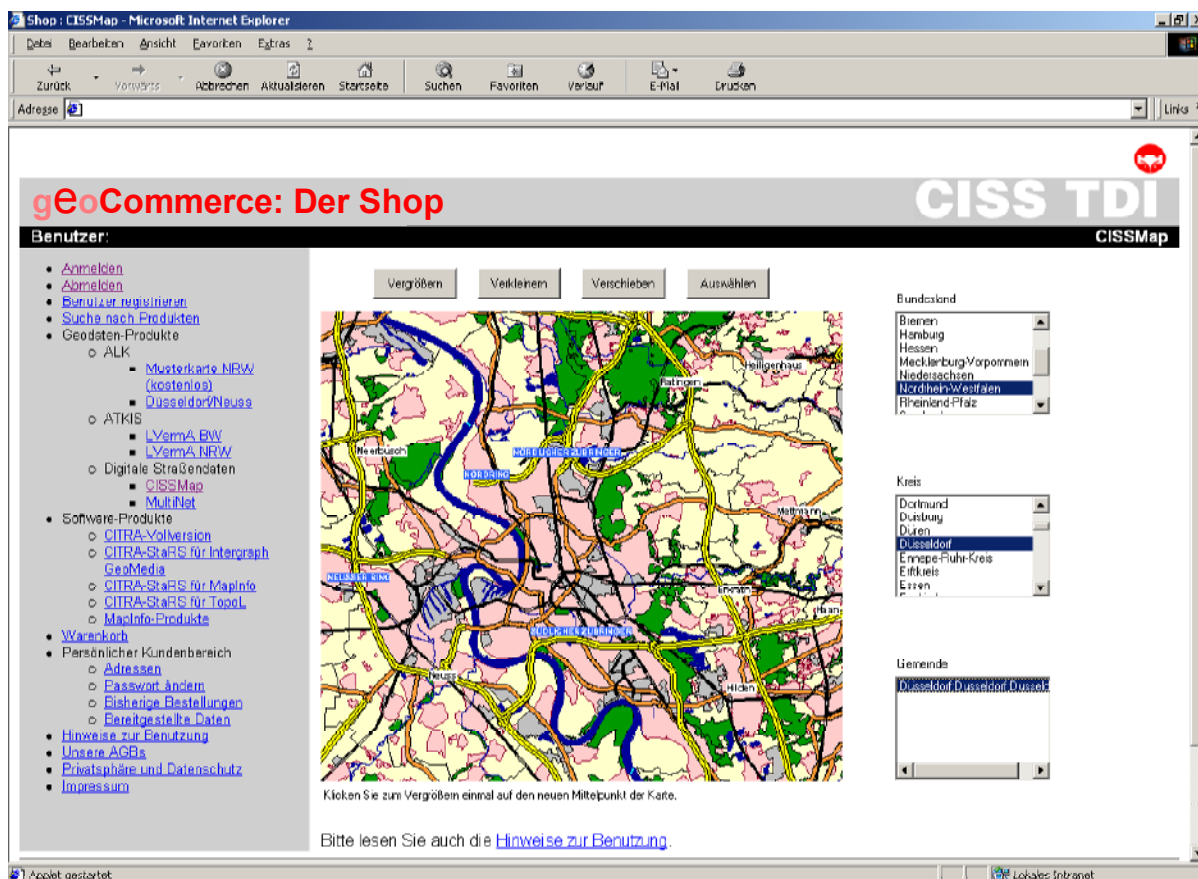




## gEoCommerce: Shop Controlled access to geodata in the Internet



### General information

geoCommerce: Shop implements controlled access to geodata -vector data as well as raster data - and allows optimized marketing and efficient distribution of these data via Intranet/Internet. The selected geodata are available in the customers' personal download-areas after a short period.

geoCommerce: Shop can be customized to the requirements of the data distributors and their customers. Due to the easy guidance, a smoothly run for navigation, preview, order and delivery is ensured.

geoCommerce: Shop supports marketing of geodata in the Internet. geoCommerce: Shop enables online access to all different themes in the geodata server of administrative bodies or

utilities and it supplies their departments with data in GIS-specific formats for offline use as well.

### The ideal combination: CITRA and E-Commerce

geoCommerce: Shop combines all conventional e-commerce-functionalities with the capabilities of the CITRA-translators. In addition to classical analogous products or raster maps, geodata can be ordered as vector data at the Shop and may be delivered in any data format as long as the respective CITRA- translator is incorporated in the Shop.

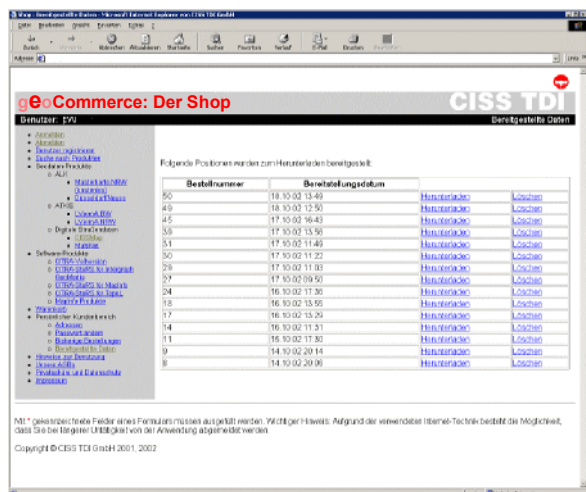
The benefits: CITRA allows an optimal preparation of geodata for the geodataserver component of the shop. geoCommerce: Shop concisely presents the customer all data available in the shop. Range, themes and destination format of the desired data are easily specified. Dealing with data modelling or data conversion is no longer necessary for the customer. He gets the data quickly and ready for immediate use in his particular GIS.

**Order workflow**

The Customer selects a topic. After the selection of the geodata taken from the menu display a navigation dataset will be set up in the graphic window. This could be official data like cadastral data or data of private providers like Tele Atlas. With usual screen operations like fractal zooming or scrolling the requested sector can be chosen. Alternative the requested area can be integrated by a predefined product search, e.g. by adequate metadata. By choosing different selection mechanism the 'product' will be selected and be filed in the shopping cart.

An assistant asks for parameter like data format, data contents, address of delivery, etc. When all information is given, the order can be placed.

As soon as an order of geodata has been placed, a series of automatic processes starts. The requested content will be extracted from the data base and afterwards automatically converted. After conclusion the customer gets a message by e-mail and will be able to load the data by his browser to his computer. For a lot of formats a workspace/project is also been delivered.



**Automate price calculation**

The distribution of geodata is supported by an optional applied calculation module. A predefined price calculation module enables an automatically price calculation of the ordered geodata. The module assists all classical types of calculation. The automate price calculation enables the exhaust of new market potential under commercial aspects.

**The benefit**

By Shop an efficient use and distribution of already existing geodata is guaranteed. A controlled access to geodata in a comprehensive system opens new perspectives. Especially communities or big companies with heterogeneous GIS-landscape profit from this solution, because all data is suddenly available for all persons. In consequence, not only the business connections which already exist will be optimized but also new business fields will be developed.

**Open and independent from the system**

geoCommerce: Shop is an open solution which is based on MapInfo MapXtreme components and Oracle.

geoCommerce: Shop is designed modular, i.e. if required you can use separate components. As operating systems NT as well as UNIX are supported and on the client-side all common browser solutions.

The data portrayed were kindly put at our disposal by Tele Atlas for the purpose of presentation.

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