

List of interface features	Géoclip Solo	Géoclip Server
Geographic navigation		
Zoom with the "magnifying glass" tool by clicking-and-dragging on the map, or by defining a percentage, or by using the mouse's scroll wheel	✓	✓
Pan with the "hand" tool by clicking-and-dragging on the map, or by using the keyboard cursors, or by making use of the sensitive areas in the corners and at the edges of the map	✓	✓
Navigation by adjusting and/or moving a sight frame in the first tab of the reference map	✓	✓
Access to predefined zooms in the second tab of the reference map	✗	✓
Graphic scale visible in the window	✓	✓
Change of cartographic view using a tab system at the top right-hand side of the map, which enables users to perform such operations as toggling between views using different geographic levels	✗	✓
Geographic layers display		
When the mouse is hovered over each geographic object, a tooltip shows its name and the value of the mapped indicator	✓	✓
Major cities layer, in the form of points and labels; the layer can be displayed upon request; the labels can be moved	✓	✓
Main waterway, railway and road network layers; the layer can be displayed upon request	✓	✓
Display of zones, which are based on geographic objects groupings, can be selected from a drop-down list; these zones will be displayed transparently in the foreground of the map	✓	✓
<i>Display of dynamic layers "on the fly", as tiles of background images (scan, orthophoto), or as selections from voluminous vectorial layers</i>	✗	✓
<i>Display of image layers that originate from external WMS servers</i>	✗	✓
Geographic selections		
Selections using the mouse: by unit, circle or polygon; the three tools are combined using the "Shift" key; the size of the circle or polygon is shown by a tooltip	✓	✓
Selection by zone: if users click on a zone when displayed, all geographic objects in the zone will be selected; this selection can be combined with the previous ones	✓	✓
Option to zoom in and centre automatically on the selection	✓	✓
Option to save selections and recall them during a subsequent session	✓	✓
Option to combine more than one selection using logical operations (union, intersection, subtraction and inversion, etc.)	✗	✓
Spotlight on the selection, which highlights the selection and recalculates the discretisation of the current choropleth analysis to	✓	✓

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cover only the selected objects		
<i>Acces to a datasheet for each clickable geographical object, by ctrl+clicking it; datasheet contents vary, depending on the type of object</i>	✗	✓
Information about selection		
Once a selection has been made, a table of indicators calculated for the selection is displayed automatically, the lines of which are selected objects and columns are mapped indicators	✓	✓
The table columns can be sorted by clicking their heading	✓	✓
The table can be moved and resized by using the mouse	✓	✓
Option to export data to an spreadsheet format	✗	✓
<i>Calculation of summary data for the whole selection and for a reference zone</i>	✗	✓
Search		
Simple search mode, with "binoculars" tool, to find a geographic object by its name (or by part of its name)	✓	✓
Advanced search mode, with "binoculars" tool, to find geographic objects which fulfil a condition involving the displayed variable(s)	✓	✓
Thematic cartography		
Choice of the indicator to be mapped from scroll lists arranged into two levels: theme and sub-theme	✓	✓
Organisation of indicators based on three levels: domain, theme and sub-theme, for management of a large number of indicators	✗	✓
Cartography of absolute quantitative variables, to be selected from a drop-down list and represented by proportional circles in the foreground; the colour and size of the circles can be adjusted	✓	✓
Cartography of relative quantitative variables, to be selected from a drop-down list and represented by colour gradations in the background; the colour and threshold of the brackets can be adjusted	✓	✓
Cartography of qualitative variables, to be selected from a drop-down list and represented either by a palette of distinct colours in the background (e.g. a type) or by point symbols in the foreground (e.g. the location of facilities)	✓	✓
For choropleth representations, the discretisation method which has been proposed by default is either predefined thresholds or thresholds that have been calculated automatically by equidivision	✓	✓
For choropleth representations, the other automatic discretisation methods are either calculated from the standard deviation or based on the Jenks algorithm	✗	✓
For choropleth representations, the thresholds can be adjusted visually using a dispersal diagram	✓	✓
For choropleth representations, the thresholds can be adjusted visually using a distribution diagram	✗	✓

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Elaborated cartographic representations: <i>pie charts with two parts or coloured circular symbols for combined representation of two indicators, spider charts for representation of polarised attraction</i>	✗	✓
Option to manage customised point symbols	✓	✓
Option to manage time criteria (year or month) and animated display of a time series by means of the automatic successive display of the corresponding map series	✗	✓
Outputs		
Printout of map with its compulsory notices, but without any interaction elements (drop-down lists and buttons)	✓	✓
Option to add annotations to the map, such as lines, simple shapes, text and labels with the object names, along with customised title and comment	✓	✓
Option to retrieve the map in image form with a screen grab or in vectorial form by printing in the PDF format with a virtual printer	✓	✓
Automatic generation of pages in the PDF, GIF, PNG, or JPG format from the server	✗	✓
Production of area portraits in the form of a collection of typical thematic pages concerning a geographic selection and allowing this to be located in relation to a larger set	✗	✓
Tables and charts		
<i>Access to the "Tables" and "Graphs" sections, in parallel to the "Maps" section, via tabs at the bottom right of the main view frame</i>	✗	✓
<i>The "Graphs" section proposes a series of pre-defined statistical diagrams that can be selected from the scroll lists in the command banner</i>	✗	✓
<i>The "Tables" section enables compilation of automatic statistical tables, whose lines show the geographic units and whose columns contain the indicators chosen from the list of database indicators or calculated using a formula</i>	✗	✓
Collaborative tools		
Saving a project , or in other words the entire current environment, such as mapped indicator(s), complementary layers and selection, etc.	✗	✓
Temporary integration of data by copying-and-pasting from an xls spreadsheet. The pasted data can be saved by saving the project	✗	✓
Differentiated access depending on user profiles	✗	✓

✓ standard feature

✓ optional feature

✗ feature not available

Text in italics describes the latest features added to the Géoclip interface.

