

List of interface features	Géoclip Solo	Géoclip Server
<b>Geographic navigation</b>		
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	✗	✓
<b>Geographic layers display</b>		
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>	✗	✓
<b>Geographic selections</b>		
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 <b>datasheet</b> for each clickable geographical object, by ctrl+clicking it; datasheet contents vary, depending on the type of object</i>	✗	✓
<b>Information about selection</b>		
Once a selection has been made, a <b>table of indicators</b> 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>	✗	✓
<b>Search</b>		
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 <b>condition</b> involving the displayed variable(s)	✓	✓
<b>Thematic cartography</b>		
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 <b>proportional circles</b> 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 <b>colour gradations</b> 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 <b>distinct colours</b> in the background (e.g. a type) or by <b>point symbols</b> 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	✗	✓
<b>Outputs</b>		
Printout of map with its compulsory notices, but without any interaction elements (drop-down lists and buttons)	✓	✓
Option to add <b>annotations</b> 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 <b>area portraits</b> 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	✗	✓
<b>Tables and charts</b>		
<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 <b>statistical diagrams</b> that can be selected from the scroll lists in the command banner</i>	✗	✓
<i>The "Tables" section enables compilation of <b>automatic statistical tables</b>, 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>	✗	✓
<b>Collaborative tools</b>		
Saving a <b>project</b> , 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.*

