
Visual Project Configuration

- User Manual -

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Introduction

Visual Project Configuration is a configuration tool which is integrated in *Visual Project*®. By means of this tool, single components of telecommunication and information technology systems can be compiled into an optimum solution.

Its user-friendly, graphical interface enables the user to project different systems with low effort. Via „drag and drop“, the single components of the system can be selected and connected. Out of that configuration *Visual Project Configuration* determines all components which are necessary for the system.

The configuration results can be taken over into an offer of *Visual Project*® via pressing one button.

Start Visual Project Configuration

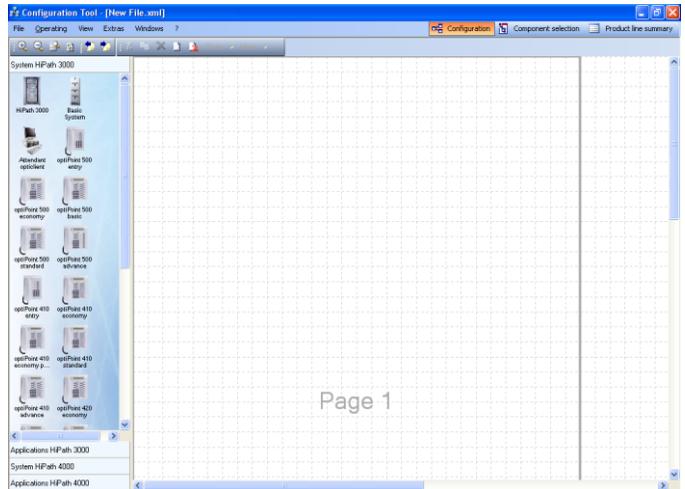


You can call *Visual Project Configuration* in the project editing of *Visual Project*® via the menu *<Config.-assistant>* or by clicking onto the corresponding symbol.



Further information concerning the project editing of *Visual Project*® can be found in our *Visual Project*® Manual.

Design of Visual Project Configuration



The start template

If you start *Visual Project Configuration* you get into the start template (see picture above). The start template is divided into several areas:

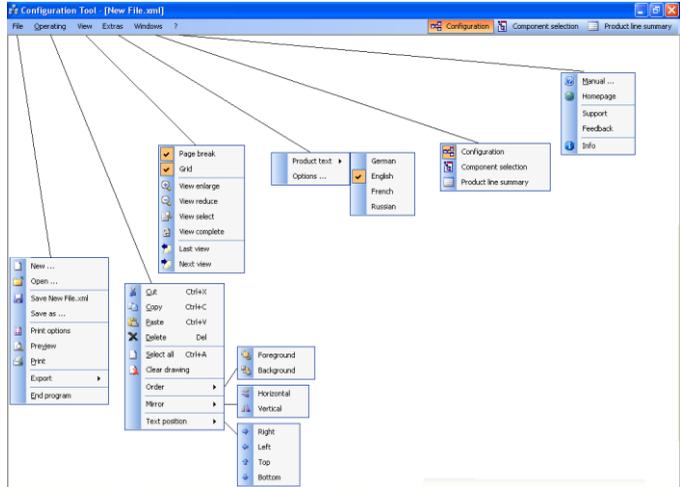


Selection bar for the editing mode

Visual Project Configuration offers three different editing modes:

- **Configuration**, graphical interface for designing a configuration. Here the actual configuration is happening.
- **Component selection**, overview of all available system components arranged in categories.
- **Product line summary**, contains a list of all products determined during the configuration as well as all products added manually.

With the start of *Visual Project Configuration* you get into the editing mode **Configuration** automatically.



The menu bar

Via the menu bar you get to the single menus of *Visual Project Configuration*. Depending on the editing mode, the menu options can differ.



Toolbar

The toolbar enables a fast access to the most important functions for editing your configuration. It is only visible in the mode *Configuration*. All symbols of the toolbar are provided with so-called pop-up help texts. This means that a small text appears beneath the buttons if you remain with the mouse pointer on a symbol for a certain period of time.



Component bar

On the component bar you can find the symbols of all components which can be used for a configuration. All symbols can be dragged onto the drawing space in the middle of the window by drag and drop. The component bar is divided into categories.

Drawing space

In the middle of the window you find the drawing space on which you design your configuration. With the first start of *Visual Project Configuration* the drawing space is empty.

Outline of the Functions of Visual Project Configuration

Functions in the File Menu

The file menu offers different functions for saving, printing and exporting.



New

Opens a new, empty configuration file. Before that the currently opened configuration should be saved if necessary, otherwise changes which were carried out before will be lost.



Open

You can read in a configuration saved as xml file via the menu option *<File/Open>*. Since changes which were carried out previously will be lost, you should save your configuration if necessary.



Save

If you want to use your configuration for further projects, you can save it via the menu option *<File/Save>* or *<File/Save as>* in xml-format.

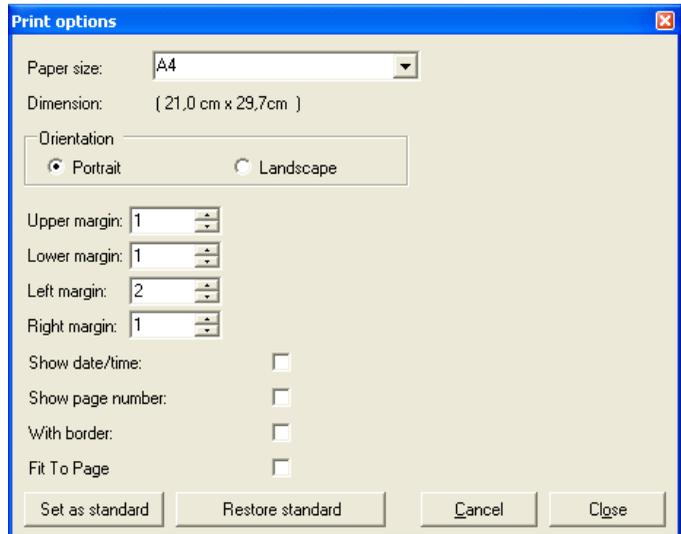
Save as

Saves the currently opened configuration under a different name.



Print options

For individual settings of the page layout you find the following options in the menu *<File/Print options>*:



Paper size

Choose the size of the document to be printed.

Orientation

Here you can determine the orientation of the page.

Upper margin

Shows the distance of the printable area from

		the upper margin.
	Lower margin	Shows the distance of the printable area from the lower margin.
	Left margin	Shows the distance of the printable area from the left margin.
	Right margin	Shows the distance of the printable area from the right margin.
	Show date/time	Determines whether date and time should be printed on the scheme.
	Show page number	Determines whether the page number should be printed on the scheme.
	With border	Determines whether the border should be printed on the scheme.
	Fit to Page	Fits the whole drawing into one page.
	Set as standard	Sets the determined settings as standard.
	Restore standard	Restores the settings which were saved as standard.
	Preview	Shows the graphical scheme in the page preview. The page preview can be reached via the menu option <i>Preview</i> and, if necessary, settings for printing can be changed.
	Print	Via the menu option <i><File/Print></i> you can print the graphic scheme. An upstream menu offers the possibility to choose a printer.
Export		Via the menu button <i><File/Export></i> you find several export possibilities:
	Product list	This menu option offers the possibility to export a scheme of all products which were determined during the configuration into a file with the format *.xls, *.txt, *.csv or *.dat.
	Graphic to file	Via this menu option <i><Export/Graphic to file></i> you have the possibility to export your scheme into a graphic file with the format, *.emf. Then you can insert this graphic into another document, e.g. a word-file.
	Overview to clipboard	You can also insert the graphic scheme directly out of the clipboard into another document. To do this, use the menu option <i><Export/Overview to clipboard></i> . Afterwards change to the application into which you want to insert your scheme and press the button Strg + V inside the text space.

Functions for Adapting the Graphic Display

For adapting the graphic design of your configuration the menu *Operating* offers a variety of options:

	Cut		Cuts out elements selected on the drawing area.
	Copy		Copies elements selected on the drawing area.
	Paste		Inserts elements which were previously copied or cut out on the drawing area into the drawing area.
	Delete		Deletes elements selected on the drawing area.
	Select all		Selects all existing elements on the drawing area.
	Clear drawing		Deletes the current drawing page.
Order		Foreground	Shifts selected elements on the drawing area into the foreground.
		Background	Shifts selected elements on the drawing area into the background.
Mirror		Horizontal	Mirrors selected elements on the drawing area horizontally.
		Vertical	Mirrors selected elements on the drawing area vertically.
Text position		Right	Displays the text for all selected elements of the drawing area on the right side.
		Left	Displays the text for all selected elements of the drawing area on the left side.
		Top	Displays the text for all selected elements of the drawing area above the symbol.
		Bottom	Displays the text for all selected elements of the drawing area below the symbol.



All functions of the *Operating* menu can also be reached via the toolbar. For selected elements, these functions can be called additionally by pressing the right mouse button.

The View Menu

Via the View menu the display in the **Editing mode Configuration** can be influenced. The following options are possible:

Page break

Fades the page break preview on the drawing space in or out.

Grid

Fades the grids on the drawing space in or out.



View enlarge

Enlarges the view step by step.



View reduce

Reduces the view step by step.



View select

Enlarges selected elements. To do this, draw with the left mouse button pressed a marking around the elements which are to be enlarged.



View complete

Displays all elements which were inserted in the drawing space on the screen.



Last view

Restores the previous view.



Next view

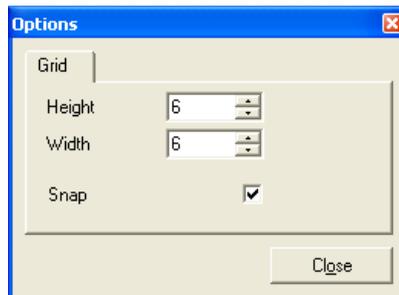
Restores the next view.

Functions in the Extra Menu

Product text

Under **Product text** you can select the language in which the product texts in *Visual Project Configuration* should be displayed. Not only the texts in the graphic display of the configuration but also all product texts in the component selection and in the product line summary will be displayed in the selected language.

Options



Under options you can change the settings for the grids on the drawing space:

Height

Changes the vertical distance between the grids.

Width

Changes the horizontal distance between the grids.

Snap

Activates and deactivates the function for aligning elements with the next grid lines.

The Window Menu

Via the Window menu you reach the three different editing modes of *Visual Project Configuration*: **Configuration**, **Component Selection** and **Product Line Summary**.

The Help Menu

By clicking on the question mark symbol on the menu bar, you get into the Help menu of *Visual Project Configuration*. Here you find the following functions:

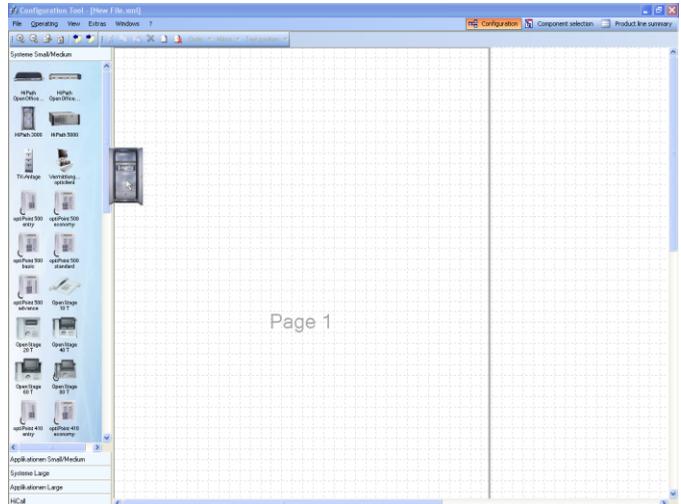
- | | |
|----------|---|
| Manual | Via the menu option Help you can open this manual as an online-documentation on your screen. Prerequisite for this function is an installed version of the Acrobat Reader on your PC. |
| Homepage | Via the menu option Homepage you get to the <i>Visual Project</i> [®] - homepage. Here you find the latest information concerning our products. Furthermore, customers with a maintenance contract have the possibility to download the latest program changes and updates. |
| Support | If you click on this menu option, a window will open in which you find our complete address, telephone and fax number, our internet address as well as the e-mail address of our support. |
| Feedback | Via the menu option Feedback you have the possibility to send an e-mail to our support. Hereby, you can directly ask questions, make proposals and criticise. |
| Info | <p>If you select the menu option Info, a window will be opened in which the name of the program, the version number and the revision number as well as the date of the last program update will be displayed.</p> <p>Furthermore, you can read in this window your licence number and your licence entry. Keep those information always at hand if you contact our support.</p> |

Designing a Configuration in the Graphical User Interface of Visual Project Configuration

Insert and Edit Elements in the Drawing Window

Visual Project Configuration is opened in the editing mode configuration after the start. Here you can create your configuration on the drawing space.

Insert elements



For inserting elements select a symbol on the components bar (left side) and drag it with the left mouse button pressed onto the drawing space in the middle of the window.

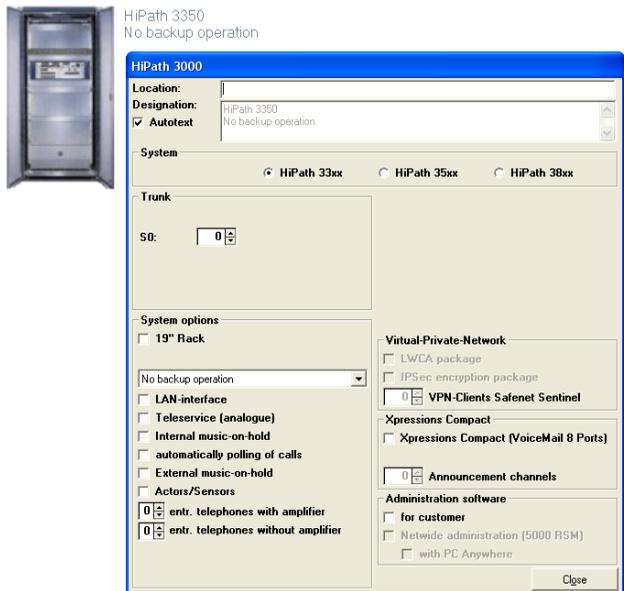
Change properties

In order to change the properties of the element, click either:

- twice with the left mouse button on the inserted document



- or with the right mouse button on the inserted element and afterwards on **Properties** within the displayed menu.



In the Properties menu you can define or change several properties of the element. Depending on the selected symbol, the properties form can contain different options.

Connecting elements



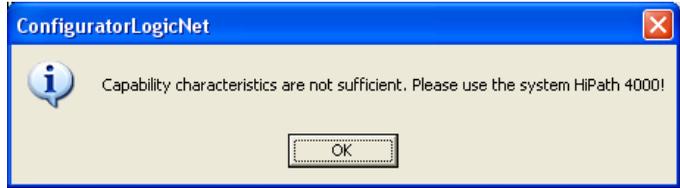
If you want to connect these elements with each other, first select one of the two elements by clicking at it. Afterwards click with the left mouse button on the guy anchor in the middle of the element and drag the shown line to the element that should be connected.



The corresponding connection will be created and type and number of the interfaces needed will be shown.

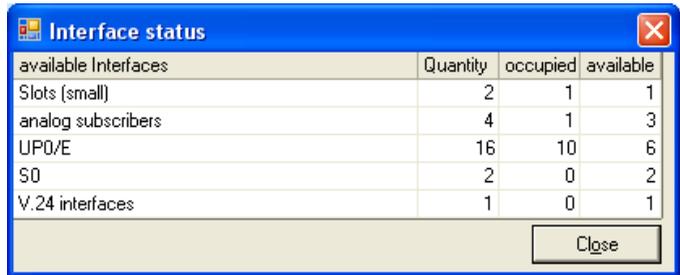


In order to change the course of the connection line, select the connection line by clicking at it. Drag the line with the left mouse button pressed at one of the markers into the desired direction.



While connecting the elements, a technical-logical check concerning the availability of the selected interfaces is done in the background automatically. In case the configuration is technically impossible, a message is displayed.

Display interface status



available Interfaces	Quantity	occupied	available
Slots (small)	2	1	1
analog subscribers	4	1	3
UPD/E	16	10	6
SD	2	0	2
V.24 interfaces	1	0	1

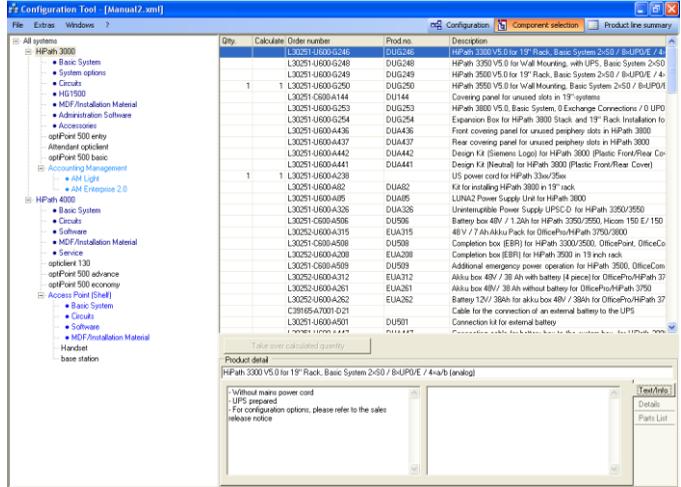
The interface status provides a detailed outline about the availability of all interfaces existing in the selected element. In order to display the interface status for a selected element, click with the right mouse button on the inserted element and afterwards on **Interface status** within the displayed menu.

View and Edit Configuration Results in the Component Selection



Component selection

Via the button **Component Selection** you get into the component selection of *Visual Project Configuration*.



The component selection contains a list of all elements and products which are available in the configured system.

The component selection is divided into three areas:

Component-Explorer



In the component explorer on the left side you find a hierarchical order of all components determined during the configuration.

Product list

Qty.	Calculate	Order number	Prod.no.	Description
		L30251-U600-G246	DUG246	HiPath 3300 V5.0 for 19" Rack, Basic System 2xS0 / 8xUP0/E / 4-
		L30251-U600-G248	DUG248	HiPath 3350 V5.0 for Wall Mounting, with UPS, Basic System 2xS0
		L30251-U600-G249	DUG249	HiPath 3500 V5.0 for 19" Rack, Basic System 2xS0 / 8xUP0/E / 4-
1	1	L30251-U600-G250	DUG250	HiPath 3550 V5.0 for Wall Mounting, Basic System 2xS0 / 8xUP0/V
		L30251-C600-A144	DU144	Covering panel for unused slots in 19"-systems
		L30251-U600-G253	DUG253	HiPath 3800 V5.0, Basic System, 0 Exchange Connections / 0 UP0
		L30251-U600-G254	DUG254	Expansion Box for HiPath 3800 Stack and 19" Rack, Installation fo
		L30251-U600-A436	DUA436	Front covering panel for unused periphery slots in HiPath 3800
		L30251-U600-A437	DUA437	Rear covering panel for unused periphery slots in HiPath 3800
		L30251-U600-A442	DU442	Design Kit (Siemens Logo) for HiPath 3800 (Plastic Front/Rear Co
		L30251-U600-A441	DU441	Design Kit (Neutral) for HiPath 3800 (Plastic Front/Rear Cover)
1	1	L30251-U600-A238	DUA238	US power cord for HiPath 33xx/35xx
		L30251-U600-A82	DUA82	Kit for installing HiPath 3800 in 19" rack
		L30251-U600-A85	DUA85	LUNA2 Power Supply Unit for HiPath 3800
		L30251-U600-A326	DUA326	Uninterruptible Power Supply UPS-C-D for HiPath 3350/3550
		L30251-C600-A506	DU506	Battery box 48V / 1.2Ah for HiPath 3350/3550, Hicom 150 E / 150
		L30252-U600-A315	EUA315	48 V / 7 Ah Akku Pack for OfficePro/HiPath 3750/3800
		L30251-C600-A508	DU508	Completion box (EBR) for HiPath 3300/3500, OfficePoint, OfficeCo
		L30252-U600-A208	EUA208	Completion box (EBR) for HiPath 3500 in 19 inch rack
		L30251-C600-A509	DU509	Additional emergency power operation for HiPath 3500, OfficeCom
		L30252-U600-A312	EUA312	Akku box 48V / 38 Ah with battery (4 piece) for OfficePro/HiPath 37
		L30252-U600-A261	EUA261	Akku box 48V / 38 Ah without battery for OfficePro/HiPath 3750
		L30252-U600-A262	EUA262	Battery 12V / 38Ah for akku box 48V / 38Ah for OfficePro/HiPath 37
		C39165-A7001-D21		Cable for the connection of an external battery to the UPS
		L30251-U600-A501	DU501	Connection kit for external battery
		L30251-U600-A447	DU447	Connection cable for battery box to the battery box for HiPath 3800

Take over calculated quantity

In the product list which is on the right side of the component explorer, you see all products which belong to the selected component in the component explorer and to the sub-components underneath. For all products which were determined during the configuration the quantity and the quantities calculated during the configuration are displayed.

Changing the quantity

Qty.	Calculate	Order number	Prod.no.	Description
		L30251-U600-G246	DUG246	HiPath 3300 V5.0 for 19" Rack, Basic System 2xS0 / 8xUP0/E / 4-
		L30251-U600-G248	DUG248	HiPath 3350 V5.0 for Wall Mounting, with UPS, Basic System 2xS0
		L30251-U600-G249	DUG249	HiPath 3500 V5.0 for 19" Rack, Basic System 2xS0 / 8xUP0/E / 4-
1	1	L30251-U600-G250	DUG250	HiPath 3550 V5.0 for Wall Mounting, Basic System 2xS0 / 8xUP0
1		L30251-C600-A144	DU144	Covering panel for unused slots in 19"-systems
		L30251-U600-G253	DUG253	HiPath 3800 V5.0, Basic System, 0 Exchange Connections / 0 UP
		L30251-U600-G254	DU16254	Expansion Box for HiPath 3800 Stack and 19" Rack, Installation I

If you double-click on the corresponding field in the column **Quantity**, you can enter a quantity which is different to the calculated quantity. A technical-logical check is not carried out in this case. The manually changed values are highlighted in red.

Take over calculated quantity

In order to undo a manual change of the quantity, click on the button **Take over calculated quantity**. The quantities which were determined during the configuration will be taken over.

Product details

Under product details all details concerning a selected product in the product list will be displayed.

Product detail

HiPath 3800 V5.0, Basic System, 0 Exchange Connections / 0 UP0/E / 0 a/b (analog)

For Stack or 19" Rack installation, without mains power cord, UPS prepared.

Maximum possible configuration:

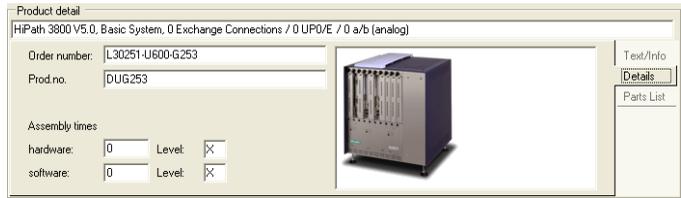
- Up to 384 standard telephones (digital and/or analog, including 250 CH) subscribers)
- Up to 250 cordless handsets
- Up to 500 IP workpoints
- Max. total of 384 TDM and IP workpoints
- Up to 50 non-voice subscribers
- Up to 248 exchange/network connections

Text/Info

Details

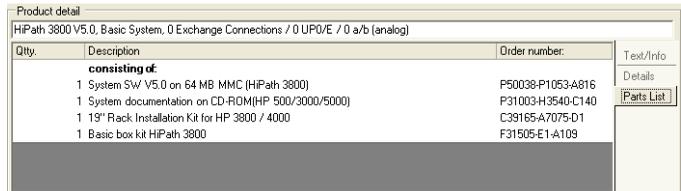
Parts List

This area contains fields for the designation, the description and technical information concerning the product selected in the product list.



Under *Details* you find several details concerning the selected product.

- Order number:** Order number of the manufacturer/supplier.
- Prod.no.** Product number
- Assembly times** Assembly time for hardware or installation time for software in hours as well as degree of difficulty for the assembly or installation.
- Picture** Picture concerning the product.



The area *Parts list* contains the parts list display of the selected product.

Take Over Configuration Results into a *Visual Project*® Offer



Product line summary

Via the button *Product line summary* you get into the product line summary of *Visual Project Configuration*. From here, the configuration results can be taken over into an offer of *Visual Project*®.

Qty	Calculate	Order number	Prod.no	Description
HPPath 3800				
1		L.38251-UE8B-G230	DUA230	HPPath 3800 V5.5 Stack on 19" Rack Installation, Basic System, GxTM / GxP/E / GxR/b (optional)
8		L.38251-UE8B-A436	DUA436	Front covering panel for unused peripheral slots in HPPath 3800
9		L.38251-UE8B-A437	DUA437	Rear covering panel for unused peripheral slots in HPPath 3800
1		L.38251-UE8B-A102	DUA102	EURO power cord for HPPath 33xx/25xx
3		L.38251-UE8B-A141	DUA141	Desk module mod (EM)
1		L.38250-UE8B-A405	CUA405	Adapter box for entrance telephone with amplifier for HPPath 3000, Hicom 150 E Office/150 H
1		L.38251-UE8B-A80	DUA80	Analog subscriber line module (8 a/b) SLMA3 for HPPath 3800
1		L.38251-UE8B-A83	DUA83	Digital subscriber line module (8 LPU/E) SLMA3D for HPPath 3800
1		L.38251-UE8B-A59	DUA59	SLDN Card for HPPath Cordless Office for HPPath 3800
1		L.38251-UE8B-A395	DUA395	ETC Code (DECT Code)
1		L.38251-UE8B-A329	DUA329	HG 1500 V3.0 basic package with two B-channel licenses for HPPath 3800
1		L.38250-UE8B-B362	CUA362	Card/Guard License for IP Workpoints for HPPath 3800 V6.0 and HPPath 5000 V6.0 (1)
3		L.38251-UE8B-A438	DUA438	24 DA MDF cable (15m) for HPPath 3800
1		L.38250-F800-A219	CUA219	HPPath 3000/5000 Manager C V6.0 for HPPath 3000/5000
10		L.38250-UE8B-B333	CUA333	HPPath HG 1500 V3.0 expansion include one additional B channel
8		L.38250-F800-A115	CUA115	optiPoint 500 advance arctic
8		L.38250-F800-A118	CUA118	optiPoint key module arctic
8		L.38250-F800-A120	CUA120	optiPoint base/line field arctic (EU)
8		L.38251-F800-A352	DUA352	Connection cord 6 m M/M/M/M (EU11/R14E) for optiPoint E and optiPoint 500 workpoints
1		L.38280-B600-B220	B6B220	Base Station for Hicom cordless E with 3 LPU/E Interfaces
5		L.38250-F800-A380	CUA380	Gigaset SL2
5		L.38250-F800-A382	CUA382	Gigaset SL2 Charger, EU
HPPath ProCenter Agile				
1		L.38280-A600-A323	BAA323	HPPath ProCenter Agile V6.5 Basic Software (HPPath 3000)
1		L.38280-A600-A326	BAA326	ProCenter Standard V6.5 software CD
14		L.38280-A622-A326	BAA326	1 Manager desktop license
1		L.38280-A622-A332	BAA332	CallDirector
1		L.38280-A622-A333	BAA333	SM Based Pricing
4		L.38280-A622-A330	BAA330	1 SDK client license
3		L.38280-A622-A328	BAA328	1 agent desktop license
2		L.38280-A622-A331	BAA331	1 e-mail agent license
2		L.38280-A622-A329	BAA329	1 associate desktop license
2		L.38280-A622-A334	BAA334	Callback - 1 License
HPPath 4000				
1		L.38220-1500-G300	A1G300	HPPath 4000 Basic System

Take over captions to offer

In the product line summary you find a summary of all products which were determined during the configuration. Concerning every product the **Quantity**, the **Calculated quantity determined during the configuration**, the **Product number** and the **Designation** are displayed.

In the column *Quantity* the **Quantity** for the single products is displayed. It is the same as the calculated quantity if no differing quantity was inserted in the Component Selection.

Changing the quantity

150	150	L.38250-F800-A112	CUA112	optiPoint 500 basic arctic
<input type="text" value="195"/>	150	L.38250-F800-A118	CUA118	optiPoint key module arctic
150	150	L.38250-F800-A577	CUA577	optiPoint signature module arctic
150	150	L.38250-F800-A153	CUA153	optiPoint acoustic adapter

Take over captions to offer

In the Product line summary it is also possible to change the quantity. To do this, double-click on the button of the corresponding line in the column *Quantity*.

If the quantities which were determined during the configuration are to be taken over into your offer, you can undo the manual change by clicking on the button *Take over calculated quantity*.

Taking over products into an offer

In the product line summary you have the possibility to take over all displayed products with the quantities belonging to them into a Visual Project® offer.

Take over captions to offer

By ticking or deleting the option **Take over captions to offer** you can determine whether the headlines of the outline should be taken over into the offer, too.

Take over

For taking over the products into an offer, click on Take over. Visual Project Configuration will be closed and products will be read into your Visual Project® offer.

Close

If you want to close *Visual Project Configuration* without taking over the configuration results, then click on **Close**.