



Monitoring Quick Start Guide

Break through your data



Login window



Once **5gVision** is installed and you are provided a link to its interface, you will see a login window.

Enter the **username** and **password** that were communicated to you by 5gVision support engineers to log on.



Changing Admin password





Adding new web users - step 1

		1 Click								
User	Status	User Name	Login	Password	User role	User access rule	Show hints	Default style	No of screens	Manage screens
5					Use 👻	V		Default (1)	32	Screens
4		Admin	admin	Not changed	Admin		1	Default (1)	Fiffo	Screens
3		5aVision support	5avision-dev	Enter new to change	Admin			Default (1)	34	Screens

The ideology of **5gVision** is that each user will have his or her own settings and environment, including the custom-built menu on the left, block sizes, table filters, etc. Moreover, only one user may work with the system under the same login at a time.

We thus highly recommend to create a **separate login** for each person that will be using the system.

To add a new user, please press the green plus in the Config:Users -> Users table.



Adding new web users - step 2

			Click								
User ID	Status	User Name	Login	Password	User role	User access ru	ıle	Show hints	Default style	No of screens	Manag screen
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4		Admin	admin	Not changed	User b				Default (1)	33	Screen
3		5gVision support	5gvision-dev	Enter new to change	User rea	ad-only		1	Default (1)	34	Screen

- User name the displayed name of the user.
- Login user login for web authentication.
- Password user password.
- User role choose whether the newly added user will be an admin, an ordinary user or a read-only user. Admin users are granted access to all screens, including system-wide config tables. A common User gets access only to statistical screens and the manual. Read-only users will be additionally prevented from saving any changes they make to their environment, but allow several connects under the same login.
- User access rule define which objects, parameters or tables will be available to this user. Blank field means non-restricted access (apart from role restrictions). For further information, please refer to the manual.

When done, click the **Save** button. Or **right-click** on any cell to access the **Save** option quicker.



Adding a new screen - step 1



From the user's point of view, 5gVision is comprised of a multitude of **screens** which, in turn, consist of blocks. A **block** is a window-like area on the right used to display a certain type of information.

By adding new screens you may create a complex and convenient monitoring environment for yourself (other users are not affected).

For instance, you may want to create a separate screen for each VIP customer or area you have to access their stats in one click.

To add a new screen to the tree, right-click on any menu item and select the Add screen option. You may also click on a little pencil that is popping up whenever your mouse is over an item.



Adding a new screen - step 2

In the Screen name field, enter a name that will reflect the purpose of the screen you are creating.

In the Screen type listbox, select a certain screen or a folder of screens. Each screen belongs to a certain type which regulates what kind of modules and information is available in it. The VOIP stats screen consists of the most common monitoring modules: Charts, Tables, Reports, CDR, etc.

In the **Columns** listbox, select the number of columns in the new screen. In the **Blocks** listbox, select the number of blocks.

You may choose to have several blocks per screen to mix modules of different types on the same screen, for instance, in order to see Charts and Reports at the same time.

Screen name:		
Screen type:	VolP stats	~
Columns:	1 •	
Blocks:	1 •	



Adding objects to the Chart - step 1



Once the screen is created, it will contain one or more blocks. By default, the block will display the **Chart** module.

To see the actual chart, though, we need to choose one or more objects (Customers, Areas, etc.) that will be the source of data for plotting. Please click the add Objects link or the Add objects button.



Adding objects to the Chart - step 2

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c01.2188	⊟Lobster telecom	309	9821	-	-			a5379	Green country		184	2663	-	-
a5379	Green country	184	2663	-	-			c01.2215	Gigantic telecom		-	-	184	7527
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a5849	Black country	10	690	-	-									
a4985	Cold country	9	513	-	-									
a5689	Gold country South	10	368	-	-									
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The System will display a new window where you can choose the objects to be used to draw the charts.

Select the required objects by dragging your mouse over the left pane, and move them to the right pane with the help of the big blue > button. To facilitate your choice, this window also displays some basic statistical information on the objects.

Once done, click OK.



Adding objects to the Chart - step 3



The System will show the added objects in the **legend table** above and will draw one default chart in the **chart canvas** below (usually the Active calls).

You may select more parameters you wish to see by clicking in the **intersection** of the parameter column and the row of a given object. The System will highlight the parameter, output the current value and show its graph in the chart canvas. Click again to remove a chart.



Editing columns - step 1

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	5048			In TTR	Incoming Time To Reject (setup->disconnect	0	00	8	V	In Hr ACD	Incoming ACD per hour, min
	5049			In Hr TTR	Incoming Time To Reject per hour			9	V	In Hr ASR	Incoming ASR per hour, %
	5050			In Hr src TTR	Incoming TTR per hour for calls disconnected		_	10	V	In Hr ABR	Incoming Answer-Bid Ratio per hour, %
	5051			In Hr dst TTR	Incoming TTR per hour for calls disconnected	d		11		In PDD	Incoming Post Dial Delay (setup->alerting)
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You may be not satisfied with the default column selection of the chart (or any other module for that matter). To change it, click the C button in the **legend table menu** (or right-click on any column header).

The System will open a window where you may customize the displayed columns. Suppose you also want to visualize the incoming PDD. Find the parameter in the left pane and activate the checkbox. The parameter will appear in the right pane with active columns. Click the **green tick** button to apply the changes.



Editing columns - step 2



A new parameter will be added to the chart legend table, and you may then click on this parameter cell to fetch the chart data.



Working with Tables

Suppose, you want to monitor **recent data** from your switch in a **tabular style**, allowing you to view lots of objects and parameters at the same time.

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CTOTAL	TOTAL SYSTEM STATISTICS	649	34.1K	5942	20.3K	4.96	5.13	46.5	45.1	15.4	649	33.9K	5942	20.3K	4.96
a5379	🗄 Green country	319	8072	2726	10.2K	5.47	5.62	54.4	52.7	33.4	319	18.1K	2726	10.2K	5.47

You can do this by simply switching the active module of the block to the **Table**.

Another way is to add a new block to the screen where you can display the table. To do so, right-click on the screen in the menu tree panel, select Edit screen and choose 2 in the Blocks listbox.

The System will display another block next to the existing one. In the new block, switch to the Table view.



Filtering Tables

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5379	Green country	319	8072	2726	10.2K	5.47	5.62	
01.2188	E Lobster telecom	309	9821	2266	8752	5.68	5.79	
e20877	Lobster telecom GW2	189	6202	1427	5576	6.21	5.86	
e20879	Lobster telecom GW1	120	3619	839	3175	4.76	5.68	
a5373	E Yellow country South-West	81	1194	468	2067	6.61	6.62	
01.119	Sponge telecom	58	3728	665	2154	4.50	4.86	
a3005	Bluish country North	55	1216	530	1773	4.36	5.02	
c01.112	Huge telecom	48	3822	534	1675	4.86	4.70	
a5379	Green country	31	1512	284	994	5.37	5.25	
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By default, the **Table** module displays all kinds of objects that exist in the System – customers, vendors, areas, equipment, etc.

Oftentimes, however, you need to output only objects of a specific type.

The Table module (or any other module with tabular views) achieves it by applying filters.

Filters are located above the column headers.

Each object possesses an ID which contains an indication of the object type.

For example, customer/vendor IDs start with **c**, area IDs start with **a**, equipment IDs start with **e**, and so forth.

So, you simply need to enter the letter code of the object type in the ID column and the System will display the objects of this type only.



Multi-level structure of Tables



You may easily view various object combinations (say, customer->area) in Tables by clicking on a **plus sign** to the left of the object of interest.

There are quite a lot of different combinations in **5gVision**, and sometimes looking at too many combination types in a table may be confusing and make it harder to find the information you need.

The Combinations strip allows you to choose which combinations will appear on screen when you open a parent object by clicking on a plus sign.



Working with Reports

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ALL	=ALL=	==ALL=	=ALL=	Apr 06, 22:00	112K	13.2K	53.4K	6.08	41.1
ALL	. ====================================	. ■=ALL=	E=ALL=	Apr 06, 21:00	95.0K	13.1K	50.9K	5.82	41.1
ALL .	=ALL=	=ALL=	E=ALL=	Apr 06, 20:00	65.9K	12.7K	51.0K	6.03	42.8
ALL	==ALL=	==ALL=	=ALL=	Apr 06, 19:00	66.2K	11.8K	43.8K	5.57	43.9

A **Report** module provides for one of the most common ways in the industry to view statistical data - by getting a **per-hour** (or per-day, per-week) **list of parameter** values for each watched object or object combination.

Switch the block you are working with to the **Report** module, see above.

The report is empty because we first need to choose the objects we want, the interval, and the grouping, see the next slides.

This very screen shows only 5 modules on top – Chart, Table, Report, Alerts, CDR, however, there are much more! You may find it out by clicking the **More...** button.



The initial mode of the **Report** module is **Filter**. This mode is designed to let you choose the Objects or Object combinations for which to request a report.

Y EC	Cust ThisHr	PrevH	r 4h <mark>6h</mark> 12h 1d 2d	I 3d	1w 2w 4w Group: 1h		h 1d 1w All	Filt	er (GO	Rows	: 3	
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ALL	==ALL=	e	=ALL=		==ALL=			-	-	-	-	-	
c01.2188	Lobster telecom		Green country		Beer telecom			-	-	-	-	-	
					Gigantic telecom			-	-	-	-	-	

To do so, please filter out the unnecessary objects by entering the required values in the Filter fields. You may also simply click on the plus signs to choose all objects of a given kind.

The report will be generated for all object combinations displayed in the filter mode.

The generic = ALL = object combines data from all objects of a kind, for example, all Customers, all Areas or all Vendors.

When done with filtering the required objects, click **GO**. The System will switch to the **Result** mode and display the very report.



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	ID: C	\vee	ID: a	\vee	ID: c 🔍							
c 💙	Lobster	\vee	Green	\vee	Gigantic Beer 🛛 🔍		>	>	>	>	>	>
OBJECT 1 ID	OBJECT 1 Cust/Vendor		OBJECT 2 Area		OBJECT 3 Vendor	Time period beginning	Out 1d Atmpt	Out 1d Conn	Out 1d Mins	Out 1d ACD	Out 1d ASR	Out 1 ABR
c01.2188	Lobster telecom		Green country		Gigantic telecom	Apr 06, 00:00	207K	31.4K	153K	7.31	42.8	15.3
c01.2188	Lobster telecom		Green country		Gigantic telecom	Apr 05, 00:00	177K	37.4K	163K	6.55	45.1	21.1
c01.2188	Lobster telecom		Green country		Gigantic telecom	Apr 04, 00:00	90.6K	15.8K	72.9K	6.91	40.1	17.
c01.2188	Lobster telecom		Green country		Beer telecom	Apr 06, 00:00	13.0K	1919	8332	6.51	42.5	14.
c01.2188	Lobster telecom		Green country		Beer telecom	Apr 05, 00:00	13.7K	2640	11.4K	6.46	43.4	19.3
c01.2188	Lobster telecom		Green country		Beer telecom	Apr 04, 00:00	11.5K	2130	8304	5.85	40.2	18.

Given the filter parameters above, the System will display data on the following object combinations:

- Lobster telecom -> Green country -> Gigantic telecom
- Lobster telecom -> Green country -> Beer telecom

For each object combination the data is taken for the previous 3 days and is grouped by 1 day.

If you right-click anywhere in the table body, you will see a context menu, and will be able to jump from the **Report** to other modules: **Chart**, **Table**, or **CDR**. Double-clicking any parameter cell will also open a chart.





Thank you for your time

If you wish to request a fully functional trial or get more information, please contact: Demo: demo.5gfuture.com Web: www.5gfuture.com Skype: support_5gfuture Email: sales-team@5gfuture.com