

INTRODUCTION TO  
VISIONIC **GCV**

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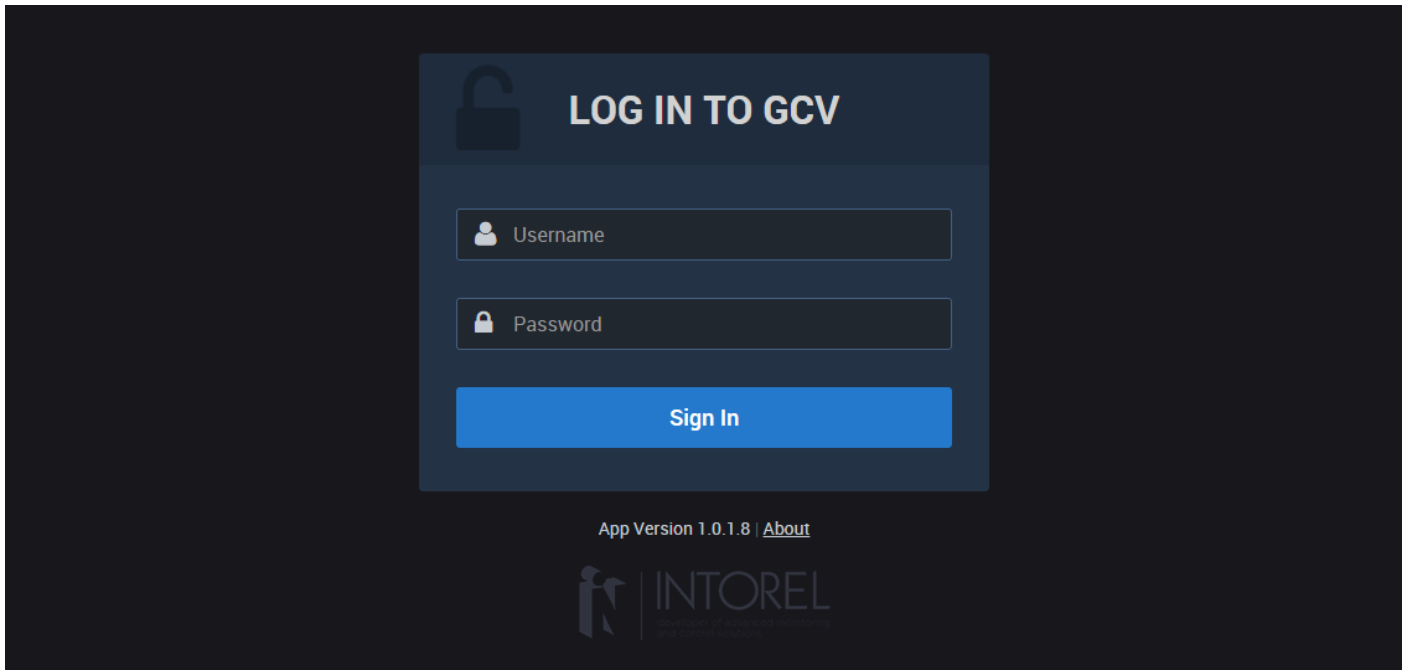


**INTOREL**

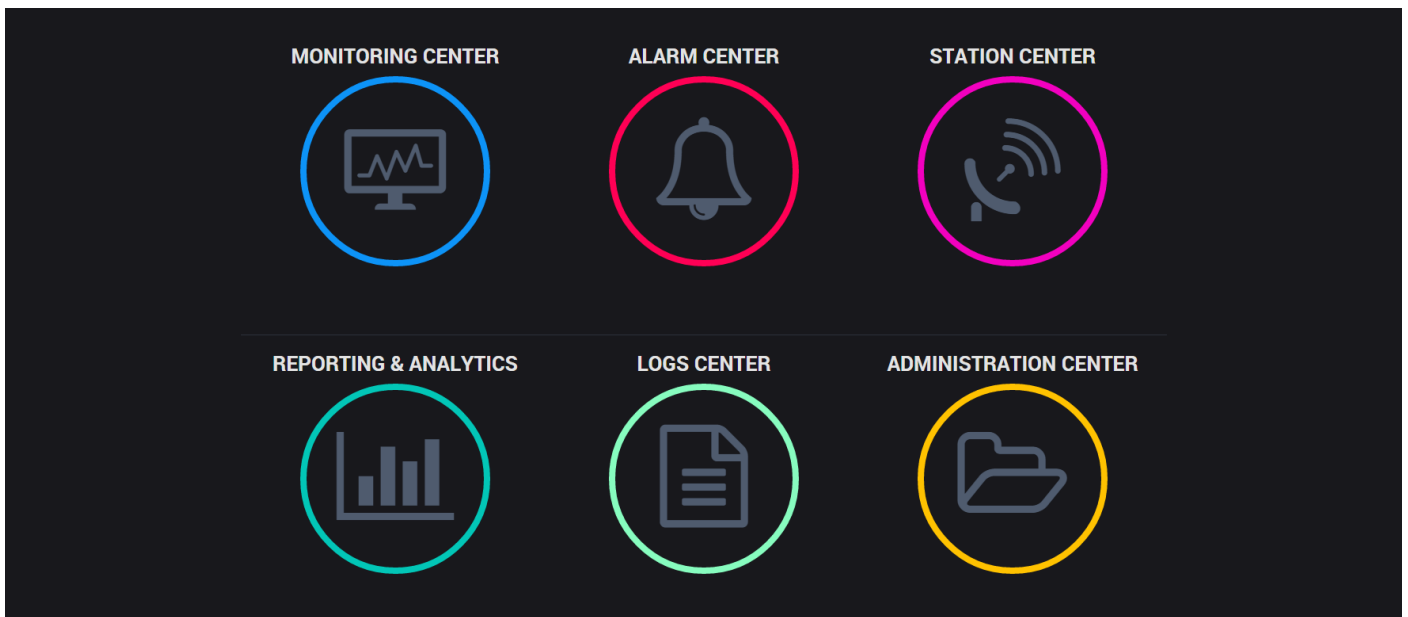
developer of advanced monitoring  
and control solutions

## GETTING STARTED

The first page you will see when you access GCV is the Log-in screen, where you log in with your account



You arrive to the “Center selection”. Here you choose where you want to go.



**Monitoring Center:** For monitoring the state of a system on custom dashboards.

**Alarm Center:** An Alarm Monitoring Center provides info about all active alarms in system, alarm history and management of inhibited alarms.

**Station Center:** Overview of station status and alarms. Provides log history with filtering and export to XLS.

**Reporting & Analytics:** Analysis and reporting of data for purposes of understanding and optimizing usage.

**Logs Center:** Logging center for managing station logs.

**Administration Center:** Administration of system settings, management of users, stations and other resources for GCV.

## ADMINISTRATION CENTER

The screenshot shows the 'Administration center' page. On the left, there is a dark sidebar with the 'INTOREL' logo and a hamburger menu icon. The main content area is dark, and on the right, there is a blue sidebar with the 'Administration menu' and its sub-items: 'Users', 'Station types', 'Stations', and 'Value mappings'.











## USERS

Here, you can add, delete or manage users.

## STATION TYPES

Here, you can manage the list of station types which is used to categorize all connected stations. Like this, the stations can be sorted by the location or by the type of usage.

The screenshot shows the 'Station types' page. It features a table with the following data:











#	Name	Description	Action
1	BTZ	BTZ	 
2	SNG	SNG	 
3	ATF	ATF	 
4	NIT	NIT	 
5	Uplink	Uplink	 

On the right side, there is a blue sidebar with the 'Administration menu' and its sub-items: 'Users', 'Station types', 'Stations', and 'Value mappings'.

## STATIONS

Here, the Visionic stations can be added to GCV.

The screenshot shows the 'Stations' page. It features a table with the following data:

#	Type	Name	Ip	Port	Timeout	Description	Action
1	SNG	SNG2	192.168.1.52	6062	5000		 
2	BTZ	BTZ7	192.168.1.44	6062	5000		 
3	NIT	NIT-32	192.168.1.152	6062	5000		 
4	BTZ	BTZ31	192.168.1.130	6062	5000		 
5	Uplink	UP-1	192.168.1.29	6062	5000	Uplink 1	 

On the right side, there is a blue sidebar with the 'Administration menu' and its sub-items: 'Users', 'Station types', 'Stations', and 'Value mappings'.

## ALARM CENTER

The Alarm Center gives an overview of all alarms:

The screenshot shows the 'Alarms Center' interface with a table of active alarms. The table has columns for Station, Device Name, Severity, Alarm Name, Time Stamp, and Duration. The 'UP-1' station is highlighted in red.

STATION	DEVICE NAME	SEVERITY	ALARM NAME	TIME STAMP	DURATION
BTZ7	UC 4 BSS	Fail	Summary Alarm	2015-03-23 15:54:04	-1
BTZ7	DC 2	Fail	Summary Alarm	2015-03-23 15:54:04	-1
BTZ7	HPA 4 BSS	Fail	Summary Alarm	2015-03-23 15:54:04	-1
BTZ7	HPA 2 FSS	Fail	Summary Alarm	2015-03-23 15:54:04	-1
BTZ7	TDC 2	Warning	Summary Alarm	2015-03-23 15:54:04	-1
BTZ7	Hub Temp	Fail	High hub temperature	2015-03-23 15:54:04	-1
BTZ7	Hub Temp	Fail	HP Load 2 FSS	2015-03-23 15:54:04	-1
BTZ7	Hub Temp	Fail	HP Load 4 BSS	2015-03-23 15:54:04	-1
BTZ7	TRK-LNA 1	Fail	Summary Alarm	2015-03-23 15:54:04	-1
BTZ7	LNA 1	Fail	Summary Alarm	2015-03-23 15:54:04	-1
BTZ7	LNA 3	Fail	Summary Alarm	2015-03-23 15:54:04	-1
BTZ7	MC PS	Critical	PS2 failed	2015-03-23 15:54:04	-1
BTZ7	MC PS	Fail	Summary Alarm	2015-03-23 15:54:04	-1

## STATION CENTER

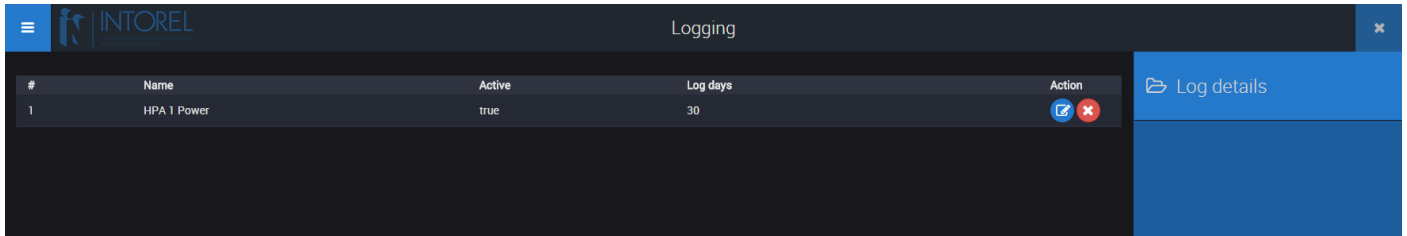
The Station Center gives you an overview of all connected and disconnected station configured in GCV.

The screenshot shows the 'Station center' interface with a table of station status. The table has columns for Station, State, Alarm, Warning, and Info. The 'UP-1' station is highlighted in red.

STATION	STATE	ALARM	WARNING	INFO
BTZ31	Disconnected	0	0	0
BTZ7	Disconnected	12	1	0
NIT-32	Disconnected	0	0	0
SNG2	Disconnected	0	0	0
UP-1	Connected	12	1	0

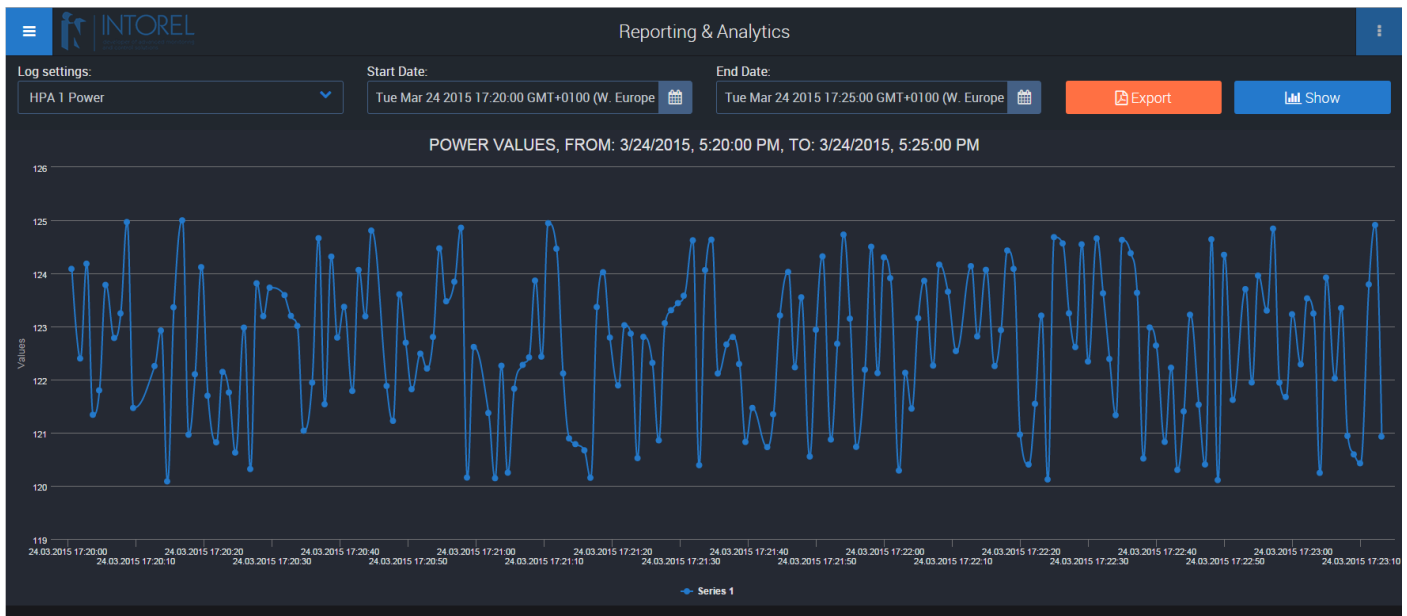
## LOG CENTER

In the Log Center, specific parameters can be configured for logging. The charting, trending and export of the data can be done using the Reporting and Analytics Center.



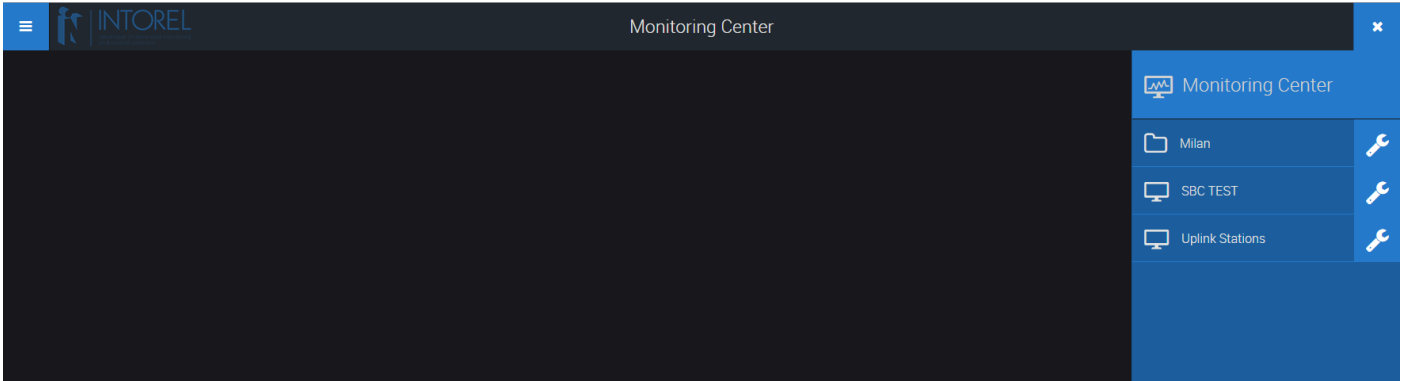
## REPORTING & ANALYTICS

In the Reporting & Analytics Center all data logs can be displayed and exported, which have previously been set up in the Log Center.

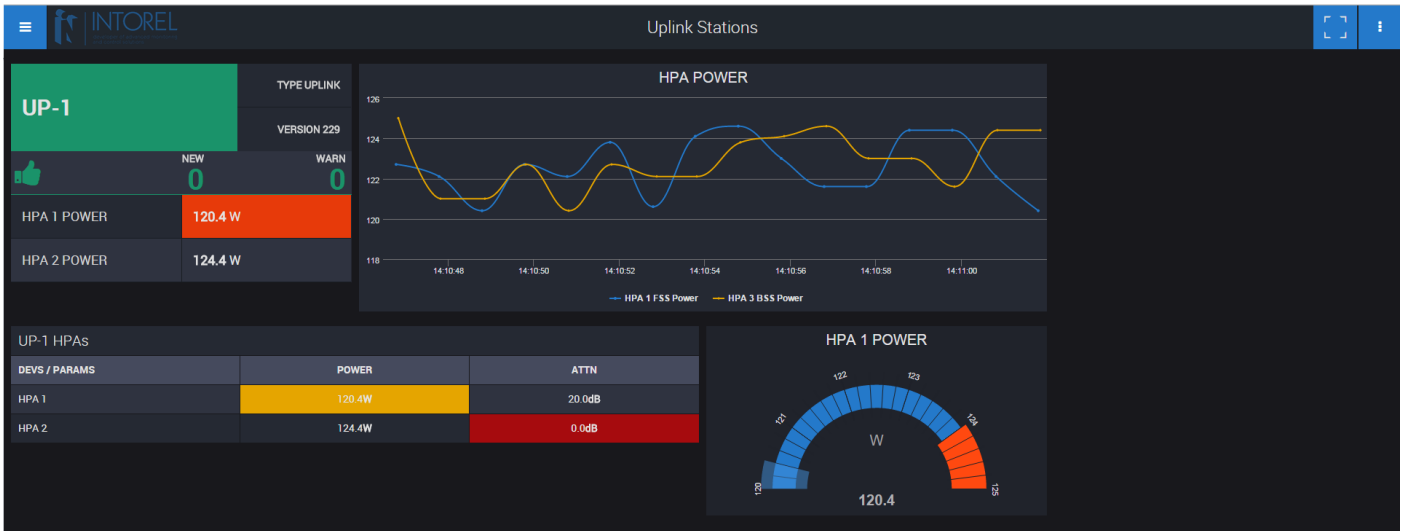


# MONITORING CENTER

In the Monitoring Center, available dashboards can be opened, and new dashboards can be created using the right bar.



A usual dashboard with different widgets could look like this:



# WIDGETS

## STATION WIDGETS

The image shows two examples of station widgets. The first, 'Close monitoring station', features a red header with 'ID 2012', 'TYPE 2', and 'VERSION 1.2'. Below this, it displays 'ALARMS 132' and 'WARNINGS 132' with a bell icon. A table lists labels and values, with the last row highlighted in yellow. The second, 'Expected value', is a table with columns 'LABEL', 'VALUE', and 'EXPECTED', showing various numerical values in different colored rows.

ID	Type	Version	Alarms	Warnings
1234567	dB			
erwerew				
1234567	dB			
1234567	dB			
1234567	dB			

Label	Value	Expected
LABEL	1312dB	1234
LABEL	1312dB	23548
LABEL	1312dB	16
LABEL	1312dB	324534
LABEL	1312dB	121514565
LABEL	1312dB	11321354

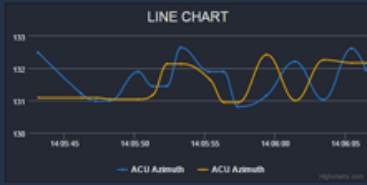
## ALARM WIDGETS

The image shows two examples of alarm widgets. The first, 'Alarm grid', is a table listing individual alarm events with columns for station ID, device name, severity, alarm name, time stamp, and duration. The second, 'Alarm summary', is a dashboard showing counts for 'ALARMS' (123), 'WARNINGS' (21), and 'INFO' (48), with sub-counts for 'ALARM' (50), 'FAIL' (50), and 'CRITICAL' (23).

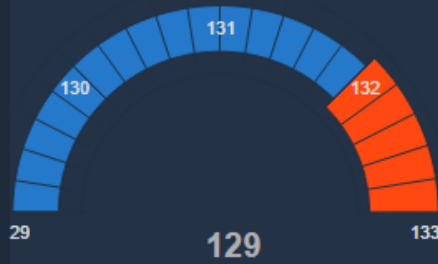
STATION	ID	DEVICE NAME	SEVERITY	ALARM NAME	TIME STAMP	DURATION
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	
ID 2017	N1-47	e-alarm	Primary fault	07-11-2014 06:40:31	01:29:13	

ALARMS	WARNINGS	INFO
123	21	48
ALARM: 50	FAIL: 50	CRITICAL: 23

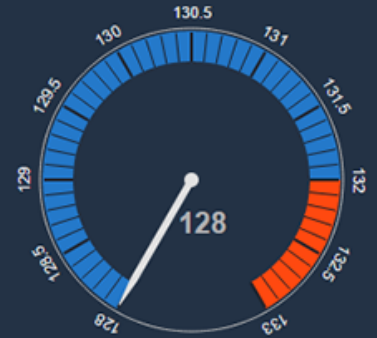
GRAPHICAL WIDGETS



Line chart



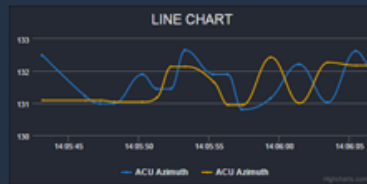
Solid gauge



Gauge



Full page line chart



Half page line chart

TABLE WIDGETS

Title		
Devs / Params	Parameter 1	Parameter 2
Device 1	12345 dB	12345 dB
Device 2	12345 dB	12345 dB
Device 3	12345 dB	12345 dB
Device 4	12345 dB	12345 dB
Device 5	12345 dB	12345 dB

Three column table

Title				
Devs / Params	Parameter 1	Parameter 2	Parameter 3	Parameter 4
Device 1	12345 dB	12345 dB	12345 dB	12345 dB
Device 2	12345 dB	12345 dB	12345 dB	12345 dB
Device 3	12345 dB	12345 dB	12345 dB	12345 dB
Device 4	12345 dB	12345 dB	12345 dB	12345 dB
Device 5	12345 dB	12345 dB	12345 dB	12345 dB

Five column table

Title						
Devs / Params	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Parameter 6
Device 1	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB
Device 2	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB
Device 3	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB
Device 4	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB
Device 5	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB	12345 dB

Seven column table