NEXTCLOUD

Web Application
NEXTtec control panels remote control

Visit cloud.nexttec.it

Compatible with new generation browsers
Desktop and Mobile.
Full compatible with Google Chrome and Mozilla Firefox*
*Make sure you have the latest updated version of your
favorite browser.

Simply visit cloud.nexttec.it

It' s possible launch from device the web application as a native App.

On the browser setting request that the site would be seen on the home screen.

It will be created an icon that permits a fast access to web application

For Safari: Reach the login page and by clicking Safari Share button in the tools bar is possibile to add to home the web application.

- access to Nextcloud
- user settings
- Waiting time for the control panel status
- System Status
- Area Status «ON/OFF»
- Inputs Status
- Outputs Status
- Scenarios
- CCTV
- Installations
- Fogging Systems
- Cloud-control panels communication historical storage

Access to Nextcloud

Request to your installer an account writing to support@nexttec.it

The installer account is necessary to create user accounts and to associate the NEXTtec control panels to the accounts.

With an user account it's possible to manage unlimited number of control panels.
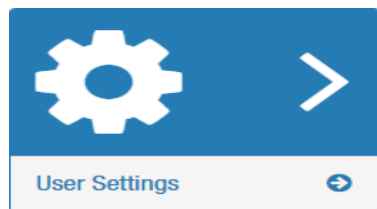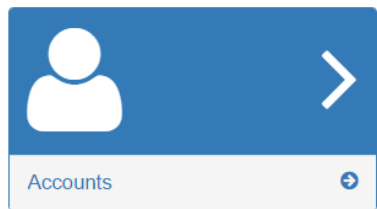

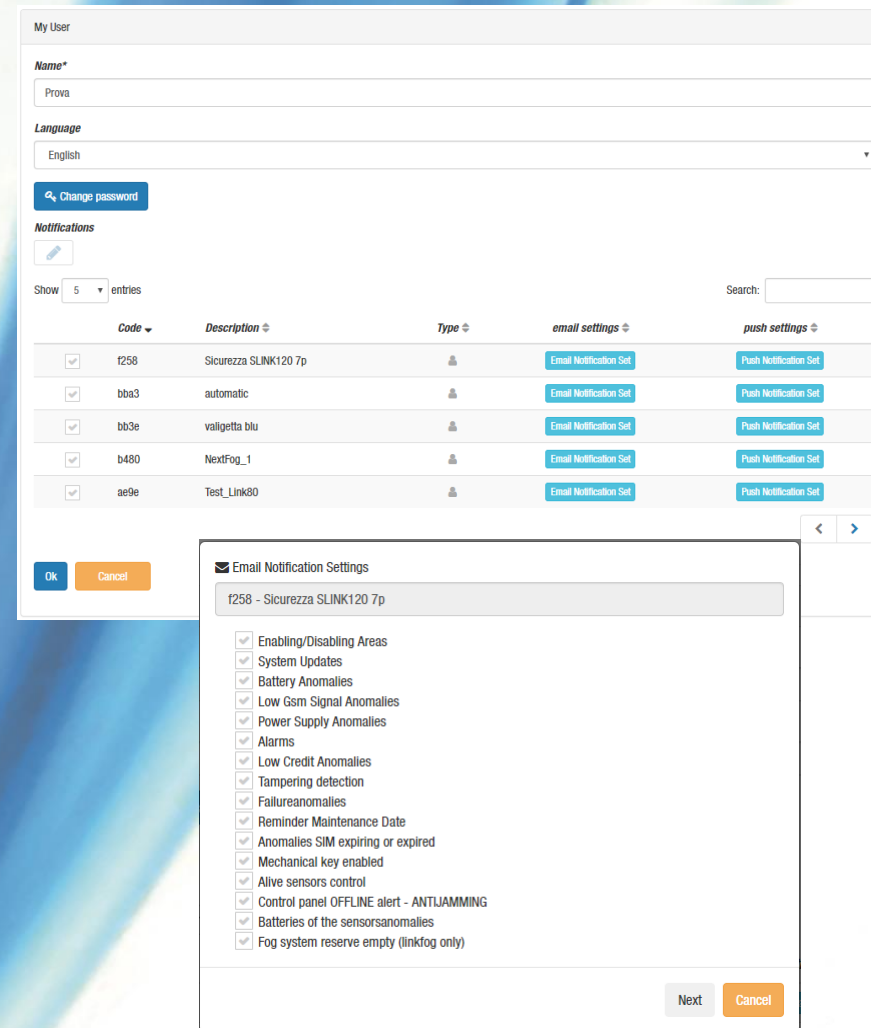By enabling «Stay signed in» the session remains valid until logout.

User Settings

User menu functions:

- Change password.

- Change language or user name
- Setting which email notifications the system will send to user, for each control panel associated:

Select a control panel and click to modify

Then, Select the notices in order to activate them and click to Ok to confirm.

Notifications

It's possible to set up the system in order to send notices about events in progress.
Sending notice through e-mail or Push service.

At the moment it's possible activate Web Push Notice only on <u>Mozilla Firefox Desktop e Mobile Android</u>.

Push Service is available on LinkCloud iOS.

Sending notices through browser, activating by the switch control

and agree to subscription request submit after that.

It's possible manage up to 3 browser as point of notification.

Through other PoN button is possible to cancel the Point of Notification, while to delete to current browser it's sufficient through the switch control
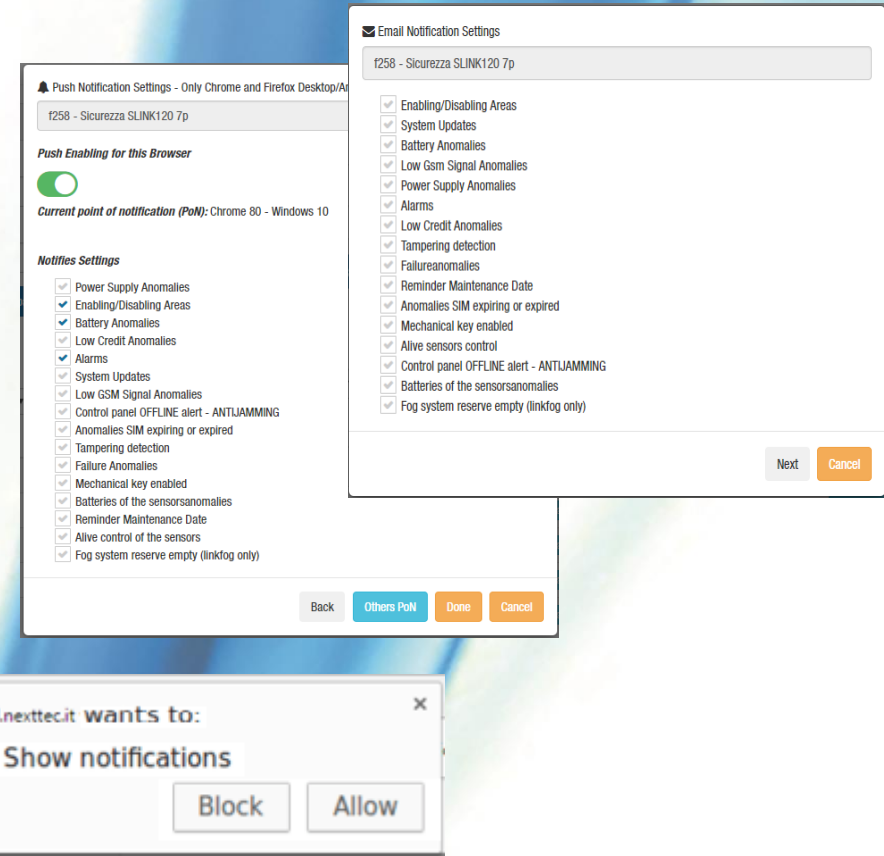
Control panels

Control panels list

Show [10 ⌄] entries

Search: [ ]

	Code ⌄	Description ⇅	Status ⇅
☑	1000	Pannello Ufficio Tecnico	🔧 ✓ ✏

‹ **1** ›

Edit control panel

Code

[1000]

4 alphanumeric characters

Description

[Pannello Ufficio Tecnico]

Status (Permissions)

🔧 Factory blocked
✏ Editable
🗑 Deletable

[Edit] [Cancel]

Through control panels menu is possible:

- Visualize all control panel matched and filter based on name or description
- Personalize the control panel description: (default automatic name)
- If the control panel communicates correctly with the cloud, the visibility customization function of the commands will be made available: ON / OFF, Inputs and Outputs, so as to hide the commands that cannot be used because they are not programmed on the control unit.
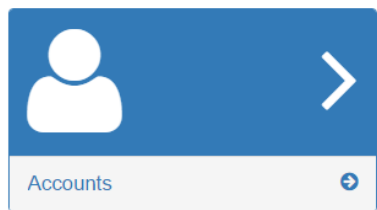
Commands Customization

Areas Visibility - List of the hidden areas ⊞

[Nothing]

Select the areas with the icon above the text box

Inputs Visibility - List of the hidden inputs ⊞

[Nothing]

Select the inputs with the icon above the text box

Outputs Visibility - List of the hidden outputs ⊞

[Nothing]

Select the outputs with the icon above the text box

Scenarios Visibility - List of the hidden scenarios ⊞

[Nothing]

Select the scenarios with the icon above the text box

Select Inputs to hide [OK]

ⓘ Grey button = element invisible - Light blue button = element visible

Inputs

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |

| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |

[Set all to visible] [Set all to invisible] [Set all without custom text to invisible]

[OK] [Cancel]

Select the element to hide. It will be shown in gray once hidden. It is possible to use the "Hide without custom text" mode if the customized texts by the installer have been uploaded to the cloud or if the text has been customized from the corresponding command screens (See following pages).

It is also possible to hide the icons on the technical inputs shown in the screens: System Status and Plants using the controls in the "Hide Installations flags" section.

Waiting time for the control Panel

On / Off

Panel: 1000

In System Status screen ON/OFF, Input/Output is possible to view the info received from the selected control panel.

The waiting time depends on the kind of connection setted on the control panel.

PS: In the case of absence of connection do logout and again login

System Status

System status

1000 – automatic
Manage this control panel

System Status screen identify any parameters status of control panel

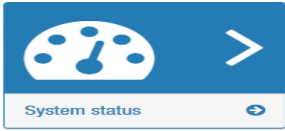|	
Control Panel: SUPERLINK2_120	Battery: OK
All Areas disabled	Tampering: OK
Communicator: GSM	Failure check status: OK
Carrier: Wind Telecom SpA	Mechanical key: OK
GSM Signal strength: 66	Peripherals Tampering: KO
SIM deadline: 00/00/2000	Sensors battery check: OK
Remaining credit: 10	Sensors health status: OK
Power source: OK	Firmware Version: . 2.2.34

By pressing on the icon of a technical input, it is possible to include it or exclude it.

By clicking on Control Panel text is possible to recall a summary screen of the programs status
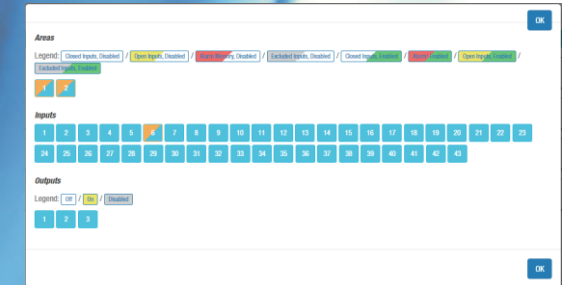
Is possible to change the SIM expiration date on control panel from cloud by clicking on the calendar icon.
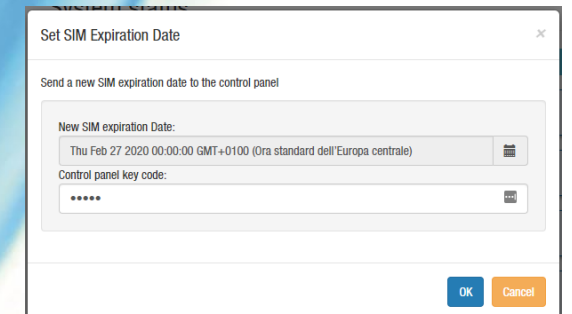
Set SIM Expiration Date

Send a new SIM expiration date to the control panel

New SIM expiration Date:
Thu Feb 27 2020 00:00:00 GMT+0100 (Ora standard dell'Europa centrale)

Control panel key code:
•••••

OK   Cancel

Legend

Information	OK Status
Warning on status request attention	KO Status Request immediate attention

NEXTec

On/Off

The On/Off screen shows the program status

On / Off

Panel: 3297   ✏ *Icons Legend*

🔓 Area : 1 ✏	ℹ Open Inputs
🔓 Area : 2 ✏	ℹ Open Inputs
🔓 Area : 3 ✏	ℹ Open Inputs
🔓 Area : 4 ✏	ℹ Open Inputs
🔓 Area : 5 ✏	ℹ Open Inputs
🔓 Area : 6 ✏	ℹ Open Inputs
🔓 Area : 7 ✏	ℹ Open Inputs
🔓 Area : 8 ✏	ℹ Open Inputs
🔒 Enable all	
🔒 Disable all	

Program Deactivated/ turned off

By clicking on the button is possible to activate/deactivate a program or alls through Activate all/Deactivate all Commands.
It will be required to insert a qualified key code.

Enable area
Enable area: 1
[Code]
OK   Cancel

Program Activated/deactivated

Area : 1 ✏

By clicking on text change icon is possible to modify in order to personalize it.

Edit texts
Select the text to edit
Area : 1 ▼
New text
Area : 1
OK   Back

ℹ Open Inputs

More information on program status will be show on the right of the screen on the.
By clicking is possible consult the summary screen of status system.

By clicking icons legend icon is possible to see how will be rapresent the program status in progress based on inputs associated

Legenda icone

Icone di stato

1	Ingressi chiusi e programma disattivo
1	Ingressi esclusi e programma disattivo
1	Ingressi aperti e programma disattivo
1	Ingresso con memoria di allarme e programma disattivo
1	Ingressi chiusi e programma attivo
1	Ingressi esclusi e programma attivo
1	Ingresso aperto e programma attivo
1	Ingressi in allarme e programma attivo

Inputs

1000 - automatic
Manage this control panel

In screen Inputs will be show the inputs state

Inputs

Panel: 4913	✎ Icons Legend

- Input : 1 ✎
- Input : 2 ✎
- Input : 3 ✎
- Input : 4 ✎
- Input : 5 ✎
- Input : 6 ✎   ❶ Open input
- Input : 7 ✎
- Input : 8 ✎
- Input : 9 ✎
- Input : 10 ✎

By clicking on the button is possible to exclude/include an input.

It <u>will</u> be required to insert a qualified key code

Program deactivated
And included input

Exclude input ✕

Exclude input: 1

Code

OK   Cancel

Program deactivated
And excluded input

How showed on the page ON/OFF, in the same way is possible to:

- Consulting the icon legend clicking on icon legend text
- Consulting the summary screen of system on control panel text
- Viewing the inputs state on the right of the bar ex.: Exclude Inputs o Inputs alarm in progress
- Changing the description of inputs clicking on Input text

Outputs

1000 – automatic
Manage this control panel

The Outputs screen shows the outputs status

Outputs

Panel: 3297   ✏ *Icons Legend*

⏻	◎	Tipo:Allarme ✏
⏻	◎	Tipo:Allarme ✏
⏻	◎	Tipo:Allarme ✏
⏻	◎	Tipo:Allarme ✏
⏻	◎	Tipo:Allarme ✏
⏻	◎	Tipo:Allarme ✏
⏻	◎	Tipo:Allarme ✏
⏻	◎	Tipo:Allarme ✏
⏻	◎	Tipo:Blocco ✏

By clicking on the button is possible activate/deactivate outputs matchs to an home automation.
It will be required to insert a qualified key code

Output
Deactivade/turned off

Enable output ✕

Enable output: 1

Code

OK   Cancel

Output
Activated/turned on

By clicking on the button is possible activate/deactivate an output with the impulse mode.
It will be required to insert a qualified key code

How showed on screen <<ON/OFF>> in the same way is possible:
- Consulting the icon legend by clicking on <<icon legend>> text
- Consulting the summary screen of system on <<control panel>> text
- Viewing the inputs state on right of pieces border ex.: <<Exclude Inputs>> o <<Inputs alarm in progress>>
- Changing the description of inputs clicking on <<Output>> text

Scenarios

1000 – automatic
Manage this control panel

The screen Scenarios shows the controls need in order to start or stop the scenarios in progress, programmed on Superlink series control panel.

Scenarios

Panel: 3297   Icons Legend

In execution outputs area

Output : 17

Scenarios controls

Lights
Irrigation
Roll-up shutter down
Roll-up shutter up
Scenario 5

The output area in progress shows the output cycle in progress match to scenario in control panel

It's possible force the outputs executing show as in outputs page

By clicking on panel will be request to insert the key code in order to start or stop the scenario executing

How showed on screen ON/OFF in the same way is possible:
- Consulting the icon legend by clicking on icon legend text
- Consulting the summary screen of system on control panel text

Output deactivated/turned off

Enable output   ×
Enable output: 1
Code
OK   Cancel
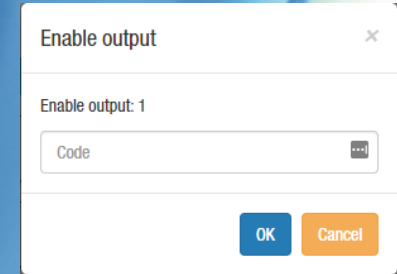
Output Activated / Turned on

Start lights scenario

Enable scenario   ×
Enable scenario: Lights
Code
OK   Cancel
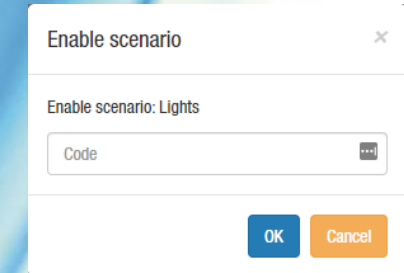
Stop lights scenario

Note: This function is available only for Superlink series control panels.
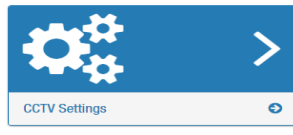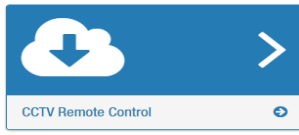
CCTV

CCTV Remote Control

CCTV Settings

On Remote control CCTV screen is possible to configure NextCloud to request 10 snapshots from a CCTV system when an alarm is detected.

The following CCTV Brands are supported: Dahua, Hikvision, Hyundai, ProvisionISR, Mobotix

The following settings are required:

- Pubblic/DNS or o DDNS IP Address configurated to CCTV system and HTTP Port (Nedeed port Forwarding/NAT on router of CCTV system net)
- Connection type HTTP/HTTPS based on CCTV system settings.
- CCTV System Credentials: for more security it is raccomanded that not use Admin account and limit the access only to interested camera
- Authentication through digest if required drom the CCTV System.

Through this button ▦ is possible match to CCTV System an input to monitor.

It's possible choose if save snapshots on NextCloud and/or attach them to the alarm email notifications (if enabled by the user).

CCTV list

	Control panel	Description	Camera	Status
☑	bb3e	valigetta blu	cam prov 1	
☑	6079	Link80 Demo	Ingresso - Pannelli	

Show 10 entries   Search:

< 1 >

Select the control panel code

3297 NEXTtec Superlink 2 120 Demo

Select the camera type

provision DVR OSSIA 16 CH

Channel

1

Description

provision c1

Public IP Address/DNS

185.3.111.233

☐ HTTPS (Suggested - if flagged have to be enabled on the CCTV system)

Port HTTP/HTTPS

7998

Inputs

128

Select the inputs with the icon above the text box

☐ Send mail with snapshot on event

☐ Do not save on cloud storage - The snapshots will not be saved at all

CCTV Username

admin

CCTV Password

CCTV Password

☑ Digest Authentication - try to disable it in case of failed connection

Status (Permissions)

☑ Enabled   In the event of an alarm the system will require snapshots to the camera

Test Connection

Edit   Cancel

Select the inputs to be monitored   OK

Inputs

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
76	77	78	79	80										

ⓘ The technical inputs are not selectable

OK

Important: A little latency is expected from the effective control panel alarm and the capture of the images.
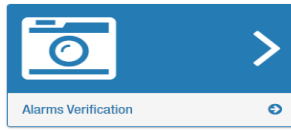
CCTV Alarms verification

The Alarms Verification screen shows the captured and saved images by NEXTCLOUD

By clicking on image is possible start the automatic sequency sliding of frames sequences.

By clicking on icon 🖥 is possible run the captured snapshots in a version and dimension higher

By clicking on icon 🎛 is possible check the control panel status at the moment of capturing sequence

By clicking on icon ⊙ is possible download a zip file with the sequences

By clicking on icon 🗑 is possible delete the alarm event saved on NEXTCLOUD

Installations

- Installations page shows the least status of all control panels connected to Cloud all in one screen

- More service information selecting the interested icon

- Red colour of the text indicating an anomaly of control panel associated to a cloud code

- The screen reloading all data every 90 sec. Or clicking on icon refresh

- Warning yellow icon turned on, in absence of connection for 4 minutes more of control panel status, and anomaly red icon in absence of connection for 10 minutes more of control panel status

Status Icons

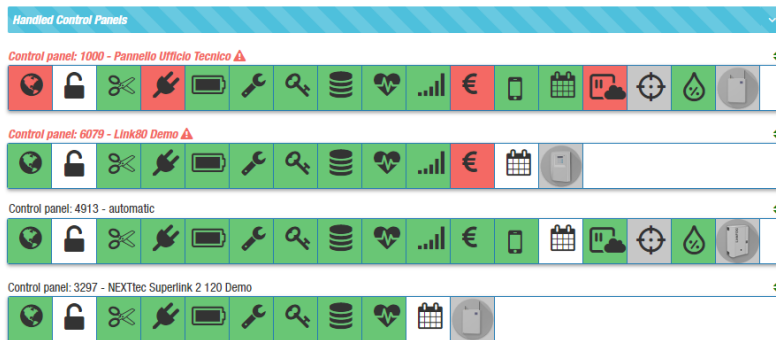|	
🟩	Service status ok
🟨	Service status attention requested
🟥	Service status ko
⬜ (grey)	Service status not ready
⬜	Service inactive or areas disabled

🔒	Areas status - red while in alarm
🌐	Cloud connection status
✂	Anti breaking check
🔌	Power source status
🔋	Battery status

🔧	Failure check status
🔑	Hard Key status - red while closed
🗄	Sensors battery check
💓	Sensors health status
📶	GSM signal level check

€	Remaining GSM credit check
📱	SIM expiration date check
📅	Current maintenance date - if setted
🖥	Current fogging system status ready
🎯	Current fogging system status armed
💧	Current fogging system fluid reserve

Fogging Systems Control

In the page Fogging systems control is possible to use the emergency manual shot of the fogging system.

Warning: Do not use the fogging system shoot control if not necessary. It could cause a panic reaction. NEXTtec declines any responsability for damage to things and / or people caused by an improper use of this functionality.

Warning: Do not use the fogging system shoot control if not necessary. It could cause a panic reaction. NEXTtec declines any responsibility for damage to things and / or people caused by an improper use of this functionality.

Panel: 4913   Icons Legend

Shoot Control   ⓘ The fogging system is not ready

The fogging system is ready for an emergency manual shot.
By clicking on the button is possible to shoot. It will be required to insert a qualified key code.

The fogging system is not ready to shoot. Wait until it will return ready.

A shoot command has been sent from the control panel to the fogging system. Wait until the fogging system will return ready.

1000 – automatic
Manage this control panel

Historical screen shows the historical status of control panel sent to CLOUD

Historical

Panel: 3297 (274 events)

Start Date:

End Date:

Events Filter ▾

[21/2/2020 - 3:59:21] - Status Received

[20/2/2020 - 15:59:13] - Disabling Areas Received. Action performed by the key code: Chiave 01

[18/2/2020 - 18:54:17] - Alarm Received

[20/2/2020 - 15:58:34] - Enabling Areas Received. Action performed by the key code: Chiave 01

Primo | Precedente | 1 | Avanti | Ultimo

It shows all received and analysed events of NEXTCLOUD server, highlighting:

- Received alarm.
- System anomaly signed.
- Programs activaded/deactivaded (based on control panel firmware version indicating also the descripion of key code used)

By clicking on status panels is possible to know the total program status, also inputs and outputs at recordered time

It keeps a record of all sent commands from cloud to control panel

- Indicating what kind of operation made
- Indicating the operations made by user 👤
- Indicating the control panel receiving of commands carried out <<sent command>>

It's possible to filter the historical according to selected time or <u>kind of event</u>.

PS.: limit number of reconding events. Available storage up to a week before.