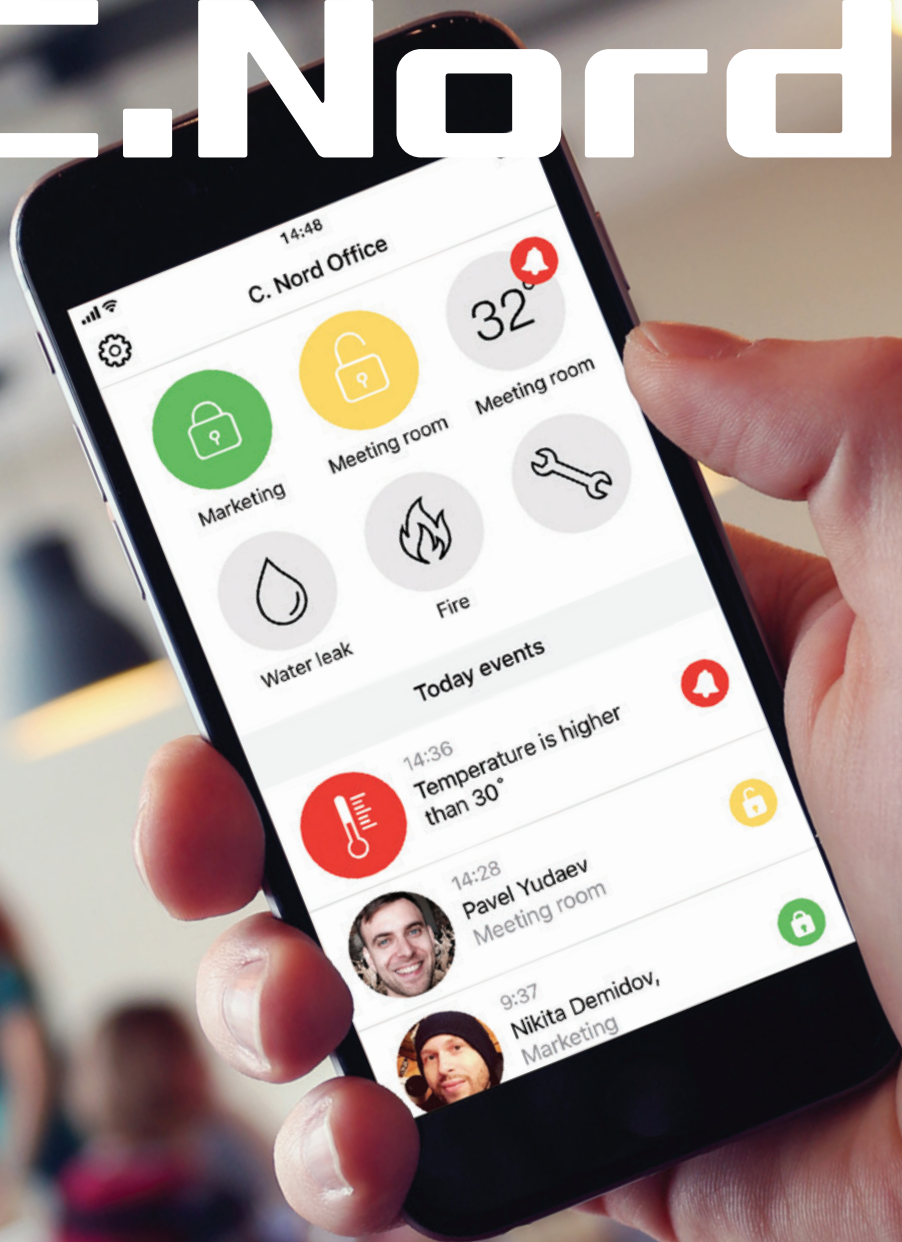


C.Nord



More than security

Nord GSM: new series of control panels · Wireless devices · Communicators
Security center · MyAlarm app · Services for private security companies ·
The Guard · Virtual expert web app · Situation map





C.Nord

Since 1991 we produce security panels, wireless detectors and develop software for monitoring station and cloud services for security business.

Our products are used in Russia, neighboring countries, Europe and Latin America.



450

cities

2000

private security companies

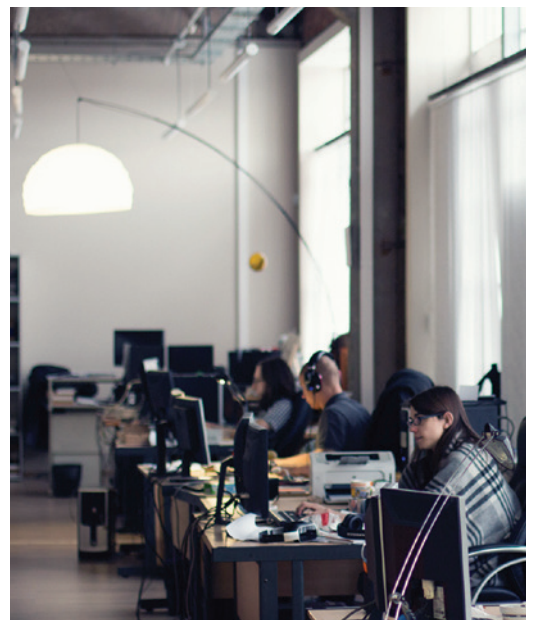
800 000

sites protected by C.Nord
security system



*Andrey Teplyakov,
International BDM*

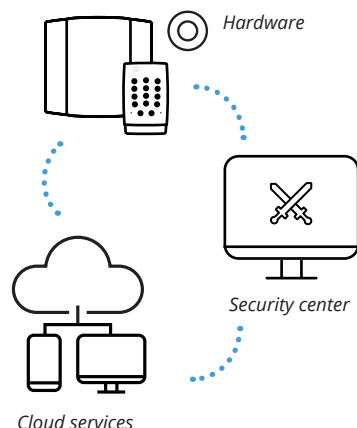
Pavel Yudaev, CEO



Our hardware and software are reliable and technologically advanced.

We introduce the latest technology in each product. All events transmitted from the panels via the Internet channel are encrypted and reach the central monitoring station in just 0.8 seconds.

We create a holistic security system. All components supplement each other. It helps security companies to grow their businesses.



Our system consists of three main parts:

1. Security equipment

Control panels of the Nord series in large and small enclosures are designed for the protection of offices, apartments and houses.

Communicators for connection of third-party equipment and integration into C.Nord system.

Wireless security, technological sensors and auxiliary equipment.

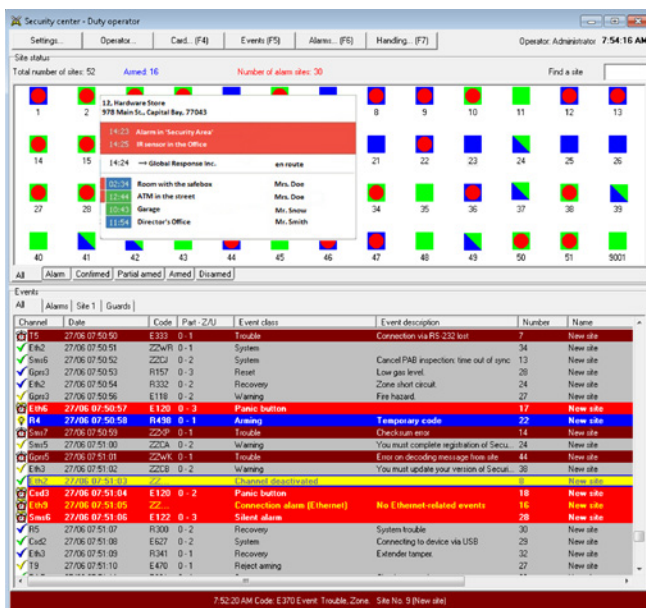


2. Security center

Up to 1000 objects free of charge

Professional software for central monitoring station. The main tool of the operator on duty and the basis of the C.Nord cloud services.

Flexible settings allow you to free the operator of some of the routine tasks, increase the speed of response to alarm signals and fight account receivables.



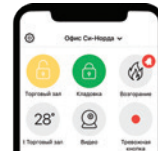
3. Cloud services

Free

C.Nord services are free for security companies and their clients.

99,98%

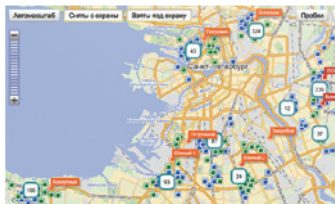
system uptime in 2018



With the help of the MyAlarm mobile application the client of the security company disables and enables security systems on the site, receives alarm signals and signals of technological sensors. Sounds an alarm by pressing a virtual panic button. Controls the balance of the personal account and receives push-notification of debt.



The engineer remotely configures the control panel, updates the firmware and controls the quality of the sensor installation.



The operator sees all protected objects, rapid response teams and their statuses on a single Situation map screen, monitors them in real time.



The rapid response team uses the tablet with the installed The Guard app - it takes the alarm, sees the site card with the input scheme and works out the shortest path taking into account traffic jams. The application works as a GPS tracker and the team's position is displayed on the Situation map.

Control panels

All devices have a housing and are equipped with power supply unit - the device is ready for work out of the box. Remote programming and firmware upgrades are available through the Virtual expert web app.



Nord GSM Mini
Wired



Nord GSM Air
Wireless

Price	\$	\$
Housing	150x96x33 mm, plastic	150x96x33 mm, plastic
Wired zones	4 (16)	2
Discrete outputs	4+12 ¹	2 ¹
Partitions and users	32	32
Wired sensors power	150 mA (15 sensors 10 mA each)	—
Connected wireless sensors	—	Up to 31
Power	Adaptador 110÷220V, 1 A, 12V	Adaptador 110÷220V, 1 A, 12V
Battery	Included, 2.2 Ah, 3.7V	Included, 1.1 Ah, 3.7V
Temperature conditions	-20...+50 °C ²	-20...+50 °C ²
General	Possible connection of contactless readers. Direct PC programming with USB-type cable (cable not included, Hubble software required). 4000 events in memory. Automation functions. MyAlarm app. 3 years warranty.	

¹ — the inputs of the wired zones are combined with the open collector type outputs

² — indicated when operating from an external power source without a backup battery supplied with the panel

With sensors, expanders and other accessories you can assemble a security system for any site. Connection of wired sensors of any manufacturer is possible.



Nord GSM
Wired security panel



Nord GSM WRL
Hybrid security panel



200x187x61 mm, plastic

8+8

7+8

32

Up to 400 mA
(40 sensors 10 mA each)

—

110÷220V, 1.5 A, 12V

Not included, space for 1.2/2.2 Ah, 12V battery

−30...+50 °C

Possible connection of contactless readers. Direct PC programming with USB-type cable (cable not included, Hubble software required). 4000 events in memory. Automation functions. MyAlarm app. 3 years warranty.



200x187x61 mm, plastic

8+8

7+8

32

Up to 400 mA
(40 sensors 10 mA each)

Hasta 31

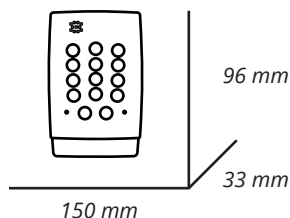
110÷220V, 1.5 A, 12V

Not included, space for 1.2/2.2 Ah, 12V battery

−30...+50 °C

Nord GSM Mini

Wired panel with a keypad



Specifications:

plastic housing with integrated keypad

power supply
110÷220V, 1 A, 12V

battery 2.2 Ah,
3.7V included

GSM-communicator

dual SIM card
holder



external GSM
antenna input

4+12 wired zones

4+12 discrete
outputs

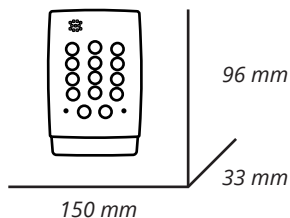
contactless
reader output



+ Options

EX-12 expander for 12 wired zones

Remote programming and firmware
upgrades are available through
Virtual expert web app.



Nord GSM Air

Wireless panel with a keypad

Specifications:

plastic housing with built-in keypad

power supply
110÷220V, 1 A, 12V

battery
2.2 Ah, 3.7V included

GSM-communicator
dual SIM card holder



external GSM antenna input

radio module for connecting 31 wireless devices

2 wired zones¹

2 discrete outputs

contactless reader output

Nord GSM Air and Nord GSM Mini

are compact low-budget panels for security systems used in small sites.

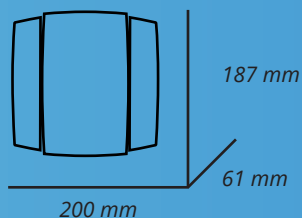
To make the security package more affordable, we equipped each of the panels with a 110-220V power supply, a battery, and an integrated keypad.

Remote programming and firmware update via Virtual expert web app.

¹ — wired zones do not have backup power, therefore it is recommended to use external backup power when wired sensors are connected to these zones

Nord GSM

Wired control panel

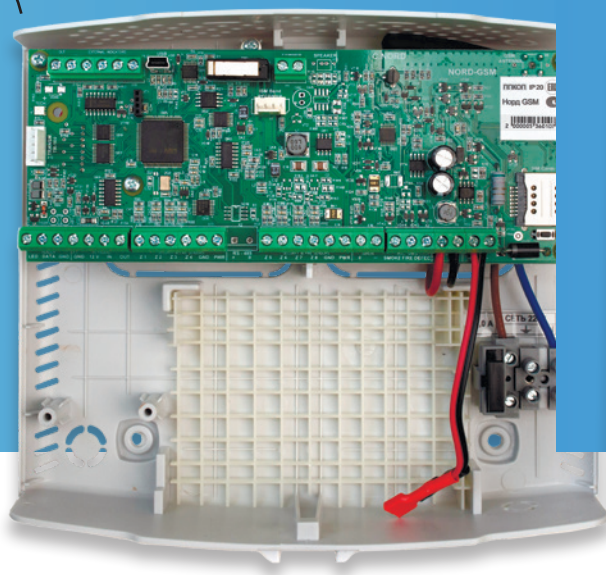


Specifications:

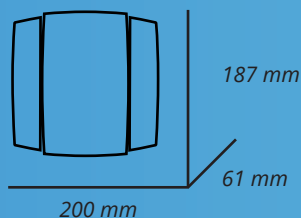
- plastic housing
- power supply 110÷220V, 1.5 A, 12 V
- GSM-communicator
- dual SIM card holder
- external GSM antenna input
- 8+8 wired zones
- 7+8 discrete outputs
- siren connection output
- contactless reader output

Options

- EX-12 expander for 8 wired zones
- Ethernet adapter
- Battery 1.2 A*h, 12V or 2.2 A*h, 12V

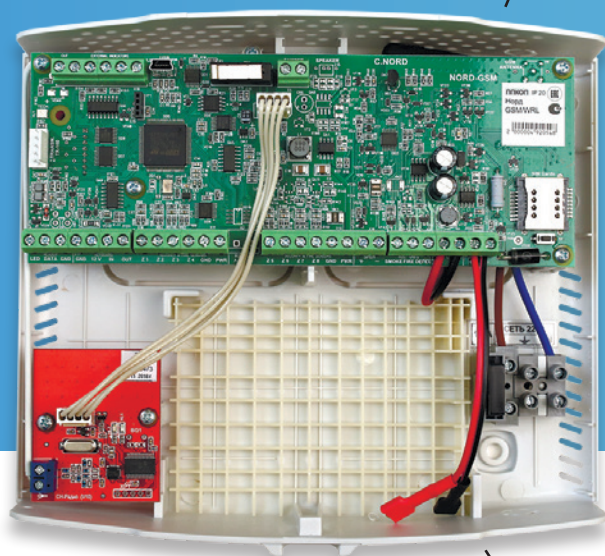


Remote programming and firmware upgrades via Virtual expert web app.



Nord GSM WRL

Hybrid security panel



Specifications:



- plastic housing
- power supply 110÷220V, 1.5A, 12V
- GSM-communicator
- dual SIM card holder
- external GSM antenna input
- radio-module for connecting 31 wireless devices
- 8+8 wired zones
- 7+8 discrete outputs
- siren connection output
- contactless reader output



Options

- EX-12 expander for 8 wired zones
- Ethernet adapter
- Battery 1.2 A*h, 12V or 2.2 A*h, 12V

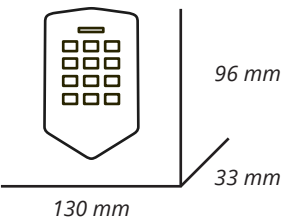
Remote programming and firmware upgrade via Virtual expert web app.

New control panels

In 2019, we released new panels. Panels are CE certified. The number of partitions has been increased to 48, and the number of users to 64.

Nord Mini, Nord Air

New panels are adapted for use in offices, apartments and houses



Nord Mini
(wired)



Nord Air
(wireless)



Wired zones

6 (4+2)

2

Keypad

Plastic

Plastic

Wireless zones

—

31

Voice notifier Rita

Option

Option

Wireless reader

Option

Option

Wi-Fi

Option

Option

Ethernet

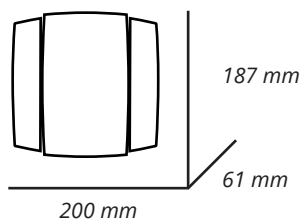
Option

Option

The design of the new panels has become more modern, the buttons have become larger and softer. The panels can be equipped with a voice notifier Rita and one of three options: contactless reader, Wi-Fi-module or Ethernet.

Nord GSM, Nord WRL

New security panels
in a larger size housing



NEW

Nord GSM
(wired)

NEW

Nord WRL
(wireless)



Wired zones

8(48)

8(16)

Wireless zones

—

31

Discrete outputs

4

4

Sensor power supply

1000 A

1000 A

Users

64

64

Partitions

48

48

Wireless radio-module

No

Built-in

We increase the wired zones to 48, using 5 expanders, we integrate the wireless radio-module into the board and increase the sensor power supply to 1.5 A.

Wireless devices

You can connect up to 31 wireless devices to a panel Nord GSM Air or Nord GSM WRL. Wireless devices operate on a frequency of 433 MHz.



CN-PIR
*Motion sensor
Pet immune
up to 40 kg*



CN-PIR-Mini
*Motion sensor
Pet immune
up to 20 kg*



CN-Magnetic
Opening sensor



CN-Magnetic-Mini
Small opening sensor



CN-PIR-Outdoor
Outdoor motion sensor



CN-Curtain
*Motion sensor with narrow
detection angle*



CN-Repeater
*Repeater for wireless devices
(12V power supply)*



CN-Repeater-AC
*Repeater for wireless devices
(110 / 220V power supply)*

The two-way technology reduces power consumption because fewer messages are transmitted. This increases the battery life.

Power is supplied by two batteries — primary and backup. A sensor switches to the backup battery when the primary power supply is interrupted. You have as long as two months to put in a new battery.

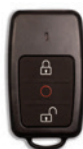
All our wireless devices have a working range of 600 meters in an open view area, are protected against opening the housing and are powered by the Lithium CR123A batteries with a 3-year lifetime.



CN-Glass
Glass break sensor



CN-Siren
Siren for premises



CN-KeyFob
Control and panic button



CN-Keypad
Wireless keypad



Wireless utility sensors

Nord GSM can catch problems that might occur in your home: a fire, a water or gas leak, or a temperature drop.



CN-Smoke
Smoke detector



CN-Flood
Water-leak sensor



CN-Flood-Mini
Water-leak sensor



CN-Celsius
*Wireless temperature sensor
with wired temperature sensor*

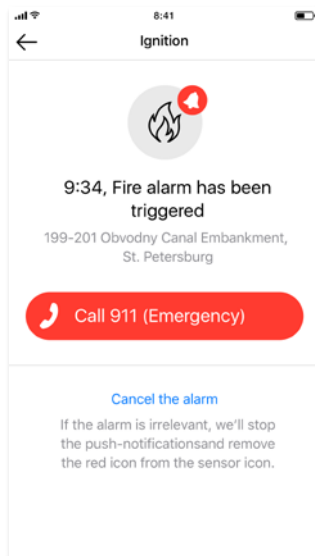
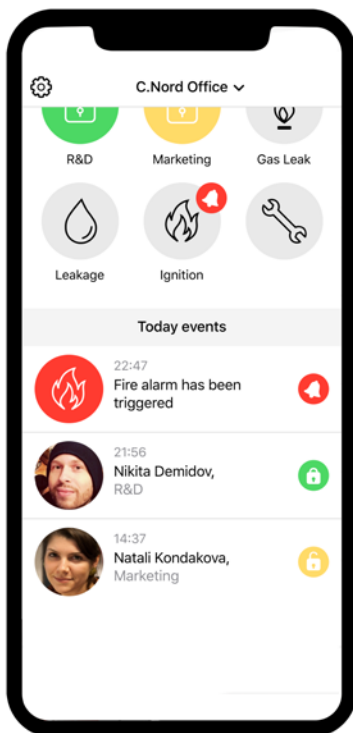
You can use a wired gas-leak sensor from any manufacturer.

To save your money you can use wired temperature sensor made by C.Nord.

In MyAlarm App

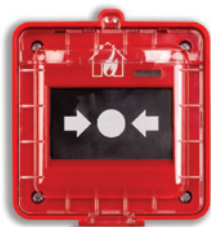
The MyAlarm app displays the icons of temperature, smoke, gas and water sensors on the main screen for your site.

In the picture you can see that a fire sensor has been triggered. This means that a user will get push notifications of the fire until the user turns the alarm off.





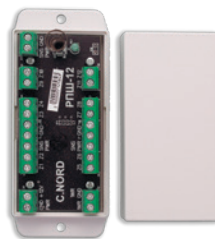
Additional wireless devices



CN-Fire
*Manual fire alarm
call point*



K14-LED
Wired keypad



EW-12
*Expander for 12 configurable
wired inputs / outputs*



CN-Exit
Light alarm



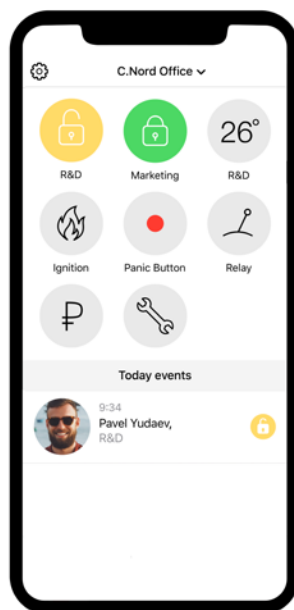
Ethernet adapter
*Adaptor for Ethernet
communication*

Automation and control of mechanisms

With CN-Relay you can control the activation of the boiler, gates and other mechanisms directly from MyAlarm app.



CN-Relay
*Relay for control
of mechanisms*



New wireless devices

Wireless devices are controlled in two ways - using the Hubble configurator, which allows you to configure automatic activation under certain conditions, or manually through the MyAlarm app. Wireless devices work on a two-way communication channel.



CN-Relay
*Wireless relay
to control home appliances*

Control home appliances through 2 independent outputs.
Mode of operation of the relay: normally closed, closed and open with a certain periodicity, closing after a certain interval.

Power: 85÷305V
Maximum current: 7A / 230V AC
Dimensions: 65 x 65 x 34 mm



CN-Switch
Smart switch

Control of load connection to the power grid 110÷220V.

Power: 85÷305V
Output current equivalent to power supply.
Maximum current: 7A / 230V AC
Dimensions: 65x65x34 mm



CN-Outlet
Smart socket

Control of load connection to the power grid 110÷220V. In the form of a power plug.

Power: 94÷253V
Output current equivalent to power supply.
Maximum current: 7A / 230V AC
Dimensions: 115x66x30 mm



CN-Siren-Outdoor
Outdoor light and sound alarm

In the panel specifications, the device is registered as two elements - a sound siren and a light siren. Used to create alarms and to confirm arming/disarming of security system in a site.

Power supply: 2 lithium batteries model CR123A or an external source of constant voltage 9 ÷ 30V

Battery life in standby mode: at least 2 years
Frequency of the generated audio signals: 2-4 kHz
Sound level at a distance of 1 m: not less than 105 dB
Operating temperature: -20 ... + 50 °C
Water or dust penetration rate: IP54
Dimensions: 320x220x90 mm

Communicators

Soyuz GSM PCB communicator receives messages from control panels and transmits them via GSM / Ethernet to the Security center.

Soyuz GSM PCB

GSM communicator
with power supply 12V

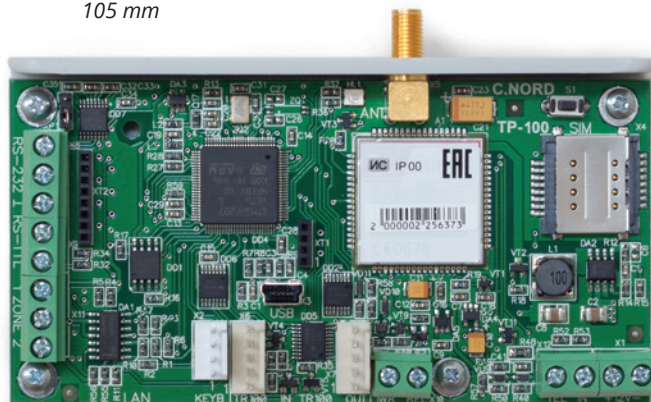
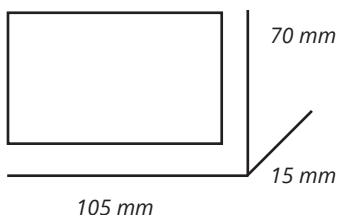
Specifications:

GSM communication
interface with built-in antenna
slot for 2 sim cards
external GSM antenna input
telephone line input
TR-100 input
RS-232 input
4 discrete inputs

Option

Ethernet adapter

Built-in device. Soyuz GSM PCB is a board
in a plastic housing-corner and serves
for embedding in the case of a third-party device.
Power supply 12 V, 0.5 A



Remote configure
and firmware upgrade
via Virtual expert web app.

Receiving events from control panels

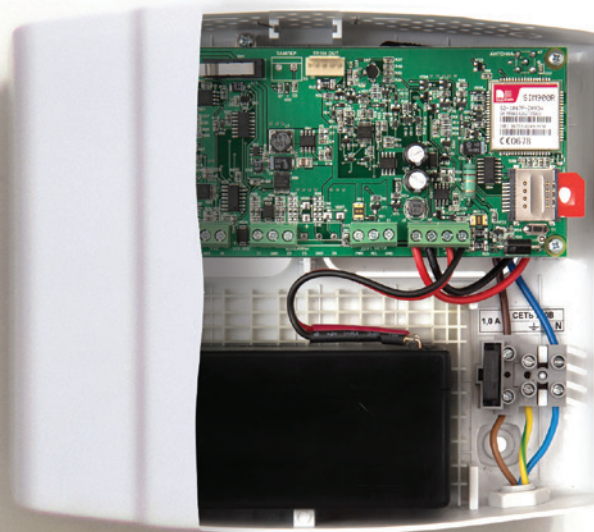
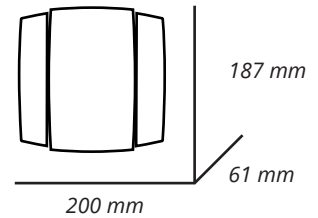
- telephone line (Contact ID);
- 4 discrete inputs;
- TR-100 input (Hunter-Pro);
- RS-232 input (signal transmission from third-party control panels).

Sending events to Security center

- GSM-channel (GPRS, CSD, SMS, Voice);
- Ethernet channel; **Option**
- TR-100 OUT for connecting the radio transmitter.

Soyuz GSM BOX

GSM communicator in a plastic case with a power supply



Specifications:

- plastic case with tamper
- power supply 110÷220V, 1.5A, 12V
- GSM communicator with built-in antenna
- slot for 2 sim cards
- external GSM antenna input
- telephone line input
- RS-232 input
- 4 discrete inputs

Option

- Ethernet adapter
- Battery 1.2 Ah, 12V or 2.2 Ah, 12V

Remote communicator configure and firmware upgrade via Virtual expert web app.

RS-232 interface

This input is used to establish a connection with a third-party panel.

Four discrete inputs

An panic button or any control panel can be connected to 4 discrete inputs. When the state changes the communicator will send an event to the monitoring station software via GSM/Ethernet.

Telephone line input

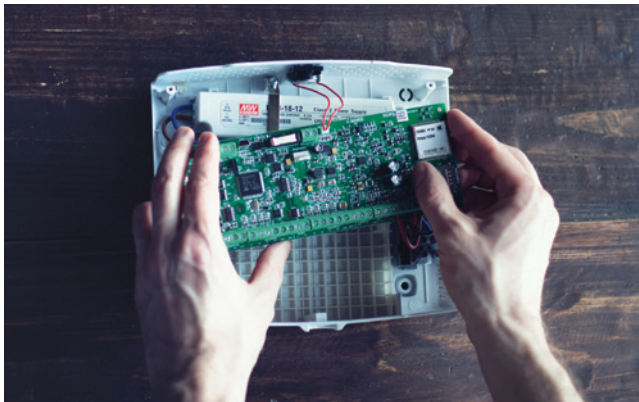
Soyuz GSM BOX can receive events from a third-party panel via a telephone line using the Contact ID protocol and then send them via the GSM/Ethernet channel to the Security center software.

Preventing client churn

Nord GSM can be configured so that messages will be sent only to a designated monitoring software.

That way, if a client decides to choose another provider, he will have to pay for new security panel. When the *churn prevention* option is selected, only C.Nord can change the DNS address, the IP address, and the station format (for radio channels) at your request.

Power supply in the kit



Each Nord panel has integrated 110 / 220 V power supply. You don't need to buy it separately.

Automated systems

if X, do Y

Event

Action

An action can be set to occur on schedule or on any event registered by the device.

System arming to schedule, state indication for site partitions, roller shutter control, summer-house boiler switch-on / off. Any event chains configurable remotely.

Demo kits

The demo kit consists of a fully functional panel with a keypad and sensors. After performing the tests, you can reset the equipment to the factory configuration and install the kit on a site.



4 demo kits:

**Nord GSM Mini
wired kit**

**Nord GSM Air
wireless kit**

**Nord GSM
wired kit**

**Nord GSM WRL
hybrid kit**

How to make an order

Call +7 (812) 327-16-36
or fill in the application form on the website:
www.cnord.com/test-drive

Nord GSM Mini

Wired kit



Nord GSM Mini



Wired temperature sensor

The demo kit includes:

Wired control panel
Nord GSM Mini

Wired temperature sensor

Accessories for working with
a demo kit (slotted screwdriver,
mini USB cable, cabled tamper)

Nord GSM Air

Wired kit

The demo kit includes:

Wireless control panel
Nord GSM Air

CN-Magnetic-Mini, miniature
magnetic contact sensor

CN-PIR-Mini, minia-
ture motion sensor

Accessories for working with
a demo kit (slotted screw-
driver, mini USB cable)



Nord GSM Air



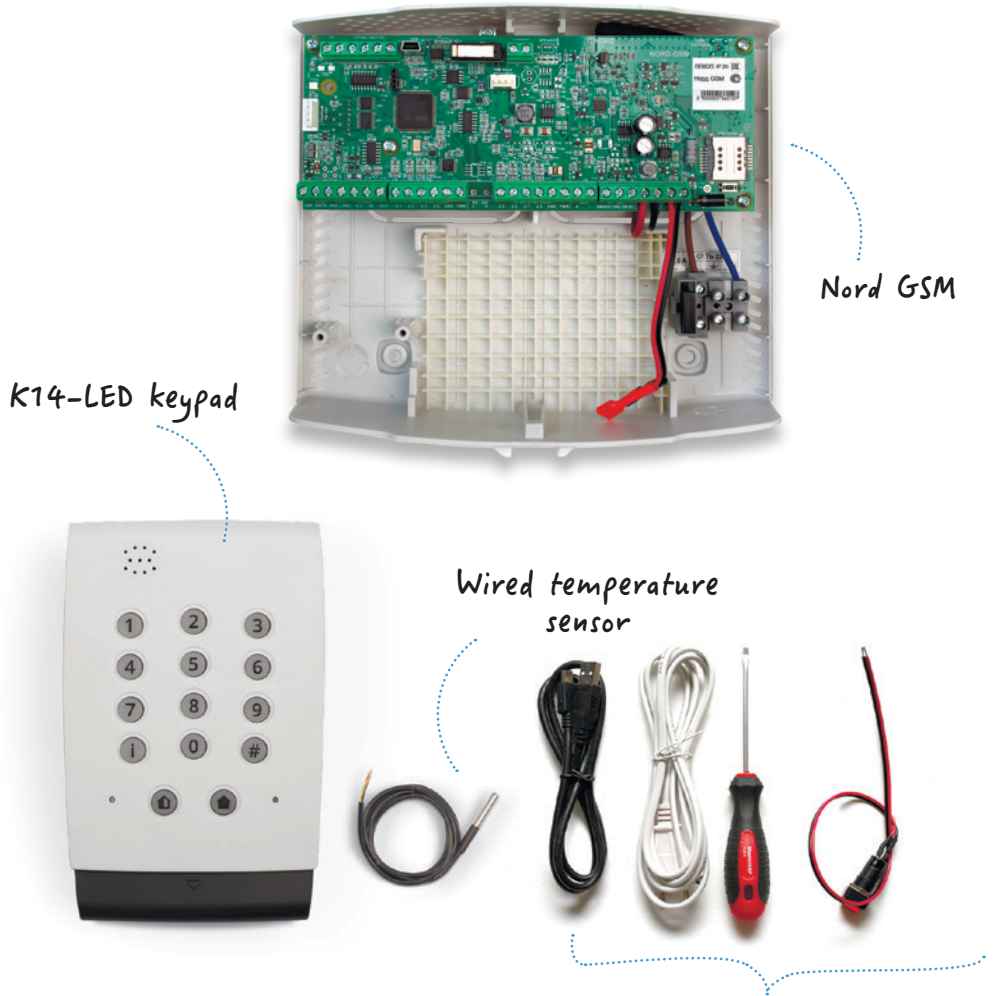
CN-PIR-Mini



CN-Magnetic-Mini

Nord GSM

Wired kit



The demo kit includes:

Wired control panel Nord GSM

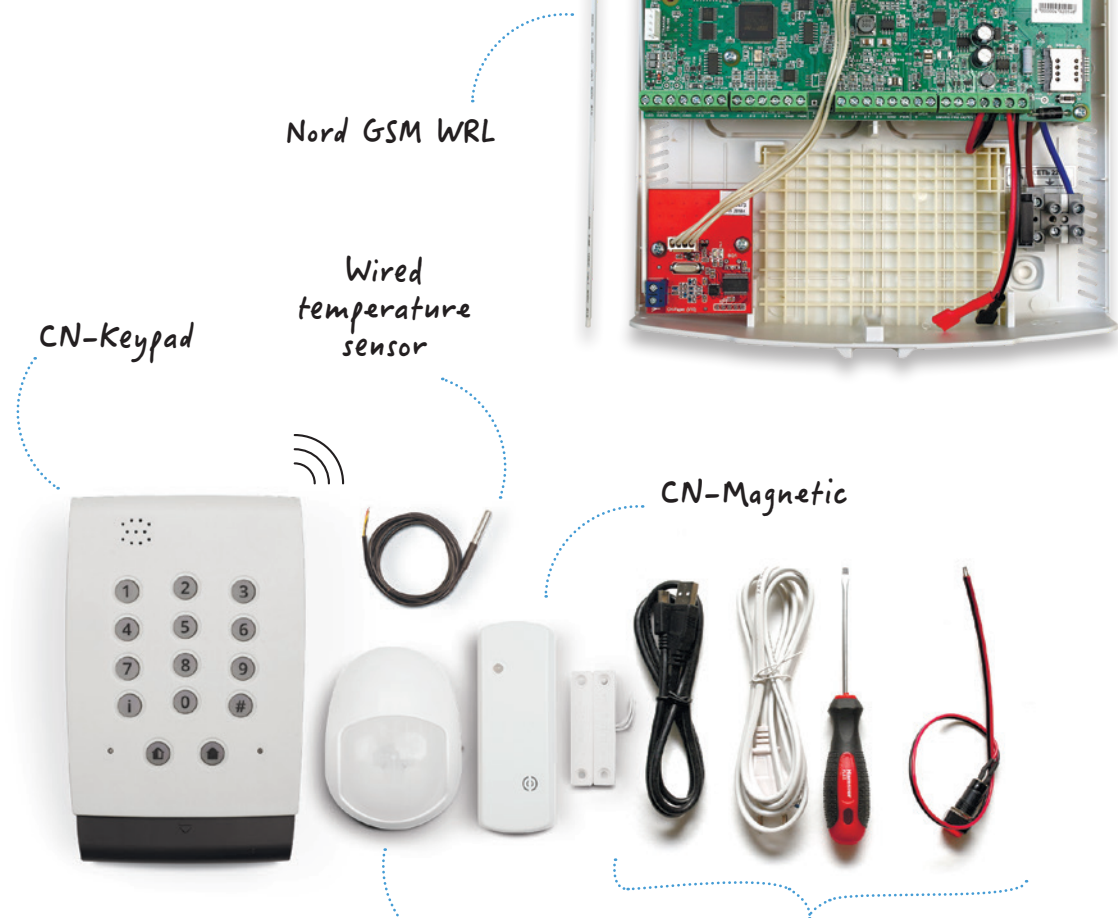
Wired keypad K14-LED

Wired temperature sensor

Accessories for working with a demo kit
(slotted screwdriver, mini USB cable,
cable with a power plug, cabled tamper)

Nord GSM WRL

Hybrid kit



The demo kit includes:

Hybrid control panel Nord GSM WRL

CN-Keypad, wireless keypad

CN-Magnetic, magnetic contact sensor

CN-PIR, motion sensor

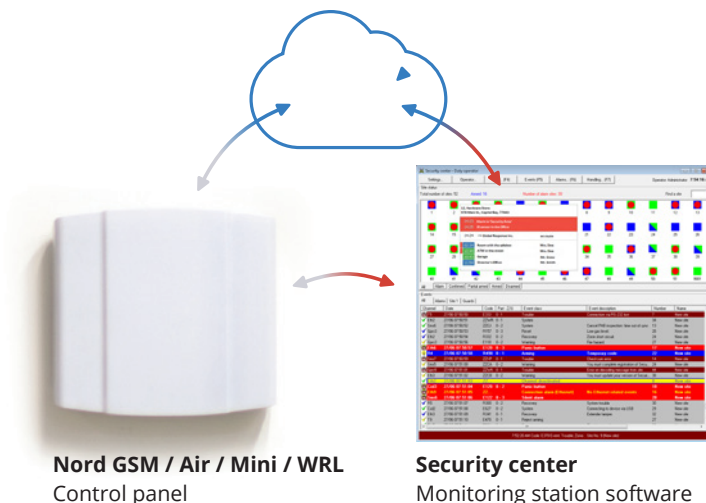
Wired temperature sensor

Accessories for working with a demo kit
(slotted screwdriver, mini USB cable,
cable with a power plug, cabled tamper)

Accessories for
working with
a demo kit

C.Nord cloud

We are the first company in Russia that launched cloud services for security companies in 2012.



800

security companies use
cloud services.

500 000

sites are in the cloud that
send messages regularly.
Data for 1 April 2019.

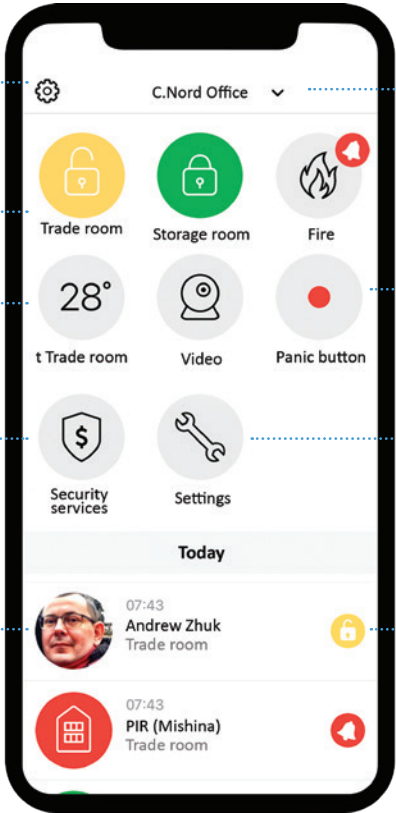


The best innovative product

C.Nord took the first place with cloud services for security companies in the best innovative product awards at Moscow Securika Expo in 2013.

MyAlarm

Free mobile application for customers of security companies. The user arms and disarms the security system, uses a virtual panic button, sees the data of technological sensors and always has access to the personal account balance.



The screenshot shows the MyAlarm app interface. At the top, there's a settings gear icon and a dropdown menu labeled 'C.Nord Office'. Below this are three large circular buttons: 'Trade room' (yellow), 'Storage room' (green), and 'Fire' (grey with a flame icon). In the middle row, there's a temperature display '28°' for the 't Trade room', a 'Video' button with a camera icon, and a 'Panic button' (grey with a red dot). The bottom row contains 'Security services' (grey with a dollar sign) and 'Settings' (grey with a wrench icon). At the bottom, there's a 'Today' section with an event feed. The first event shows a user profile for 'Andrew Zhuk' in the 'Trade room' at 07:43, with a yellow lock icon. The second event shows a 'PIR (Mishina)' in the 'Trade room' at 07:43, with a red alarm icon.

Annotations on the left:

- Application settings and access by PIN code, fingerprint and Face ID
- The site is divided into partitions
- Smoke, water, temperature, gas sensors
- Personal account balance
- Users' names and pictures in the event feed

Annotations on the right:

- Switching between sites
- Virtual panic button
- User management; editable site and partition names
- Events shown on the feed:
 - armings and disarmings
 - alarms;
 - alarms for T°, smoke, gas and water leaks;
 - failures;
 - operator actions;
 - reports by rapid-response teams

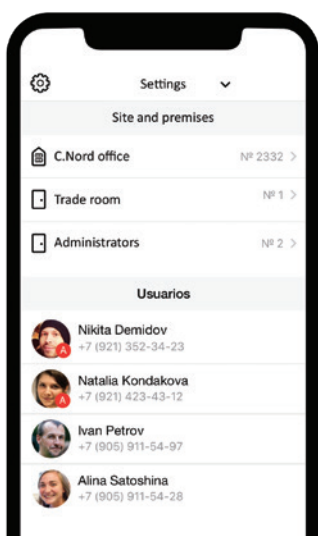
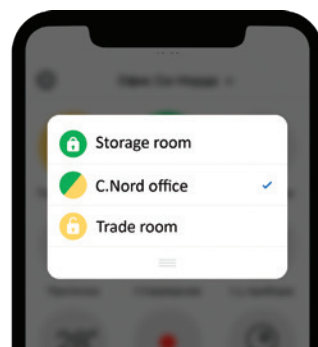


MyAlarm app for iOS/Android.
Type in "myalarm" to find



Arming / disarming

By pressing the button, the client remotely changes the security status of the entire site or individual premises.



Site and users information

In the settings of site you see users and administrators with phone numbers. If something happened on the site, you can call the right person directly from the app.

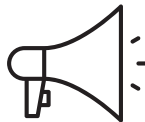
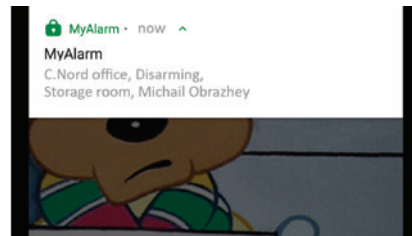
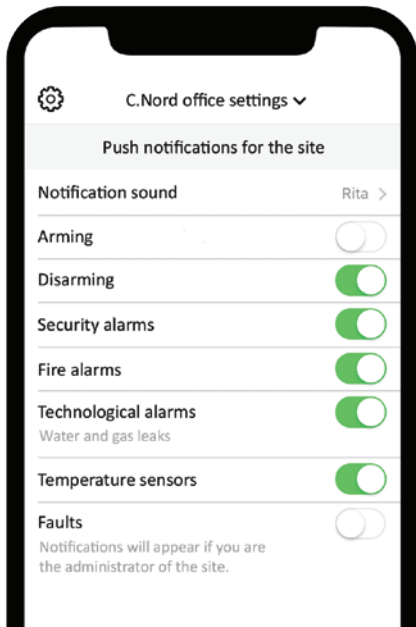
Secure access

The user can choose between pin-code, fingerprint or Face ID to configure the log-in process, so that no other person could use the application.



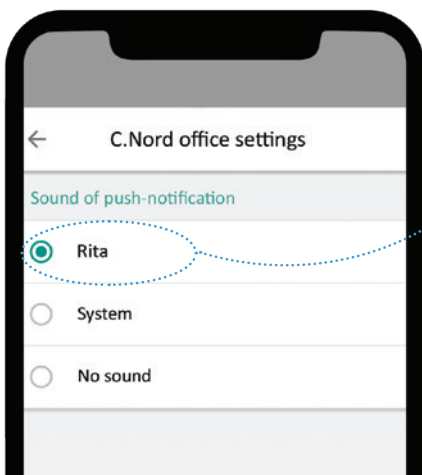
Push notifications

The user receives notifications for all important events: arming and disarming, alarms, process sensors triggering and malfunctions. Select in the settings which notifications should be displayed.



System voice

In MyAlarm Rita, the speech informer, announces system events and push notifications: arming / disarming of sites, error warnings; security and fire alarms, gas and water leaks; decrease or increase in temperature above the threshold value; lack of electricity at the site; informing about the status of the personal account and warning about debt.

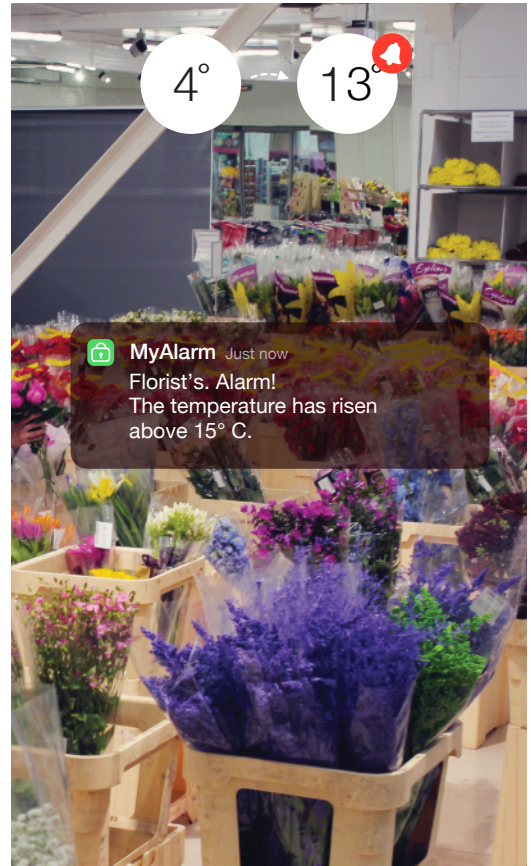


Temperature control

After installing a temperature sensor, you need to set the upper and lower trigger levels. Once the temperature gets outside the range, you'll receive a push notification from the app.

Case. Suburban house

If your suburban house has a heating system, it's important that the temperature stay above zero so that the pipes don't freeze and burst. If something goes wrong and the temperature drops below zero, you'll receive a push notification.

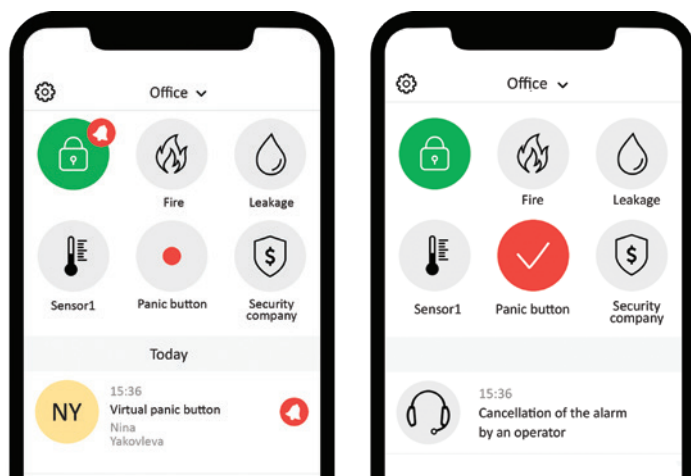


Case. Florist's

For the flowers to stay fresh, the temperature in the storage room should not exceed 5°C. Should the temperature rise above that point, you'll receive a push notification.

Virtual panic button

The button is available right in your mobile device.
You don't have to be present at the site to press the button.



To use the button, you don't need to install any equipment. The button is available to all MyAlarm users authorized by the security company

Customizable event feed

The Security center operator determines which events for each site will appear in client's event feed.



Arming / disarming. Events with user's photo, name and surname



Alarms



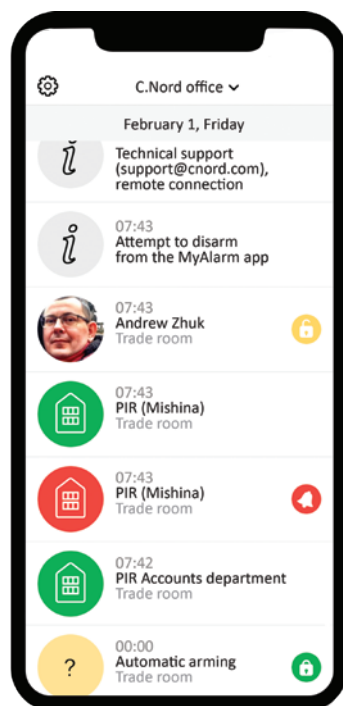
Alarms for T°, fire, smoke, gas and water leaks



Operator actions and alarm progress events



Lack of electricity, malfunction of the battery and wired zones



Combating of accounts receivables

Informs clients about balance on their account and warns about debt with push-notifications.

Security services

- ☐ Do not display information in MyAlarm
- ☐ No debt
- ☐ Inform about the need to pay
- ☒ Warn about the debt
- ☐ Prevent arming and limiting MyAlarm functions

Balance -1000

Subscription fee 1000

Date of debiting 29.01.2019

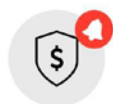
Security services

- ☐ Do not display information in MyAlarm
- ☐ No debt
- ☐ Inform about the need to pay
- ☐ Warn about the debt
- ☒ Prevent arming and limiting MyAlarm functions

Balance -1000

Subscription fee 1000

Date of debiting 29.01.2019



Alarm service

← Alarm service

⚠ If you don't pay, the service will be disabled

Site number 111

Balance -1000.00

Payment date 29.01.2019

Subscription fee 1000.00

Security company

📍 C.Nord

📍 St.Petersburg

📍 199-201 Obvodny canal emb.

📞 +7 (812) 327-16-36

⚙ C.Nord Office

🔒 Trade room 🔒 Store room ⚙ Settings

⚠ Alarm and monitoring service is limited

Arming and reception notices and events are not available. To remove the restrictions you have to pay for the alarm and monitoring services. To receive information about the payment method, contact your security company.

Site number 111

Balance -1000.00

Payment date 29.01.2019

Subscription fee 1000.00

Security company

📍 C.Nord

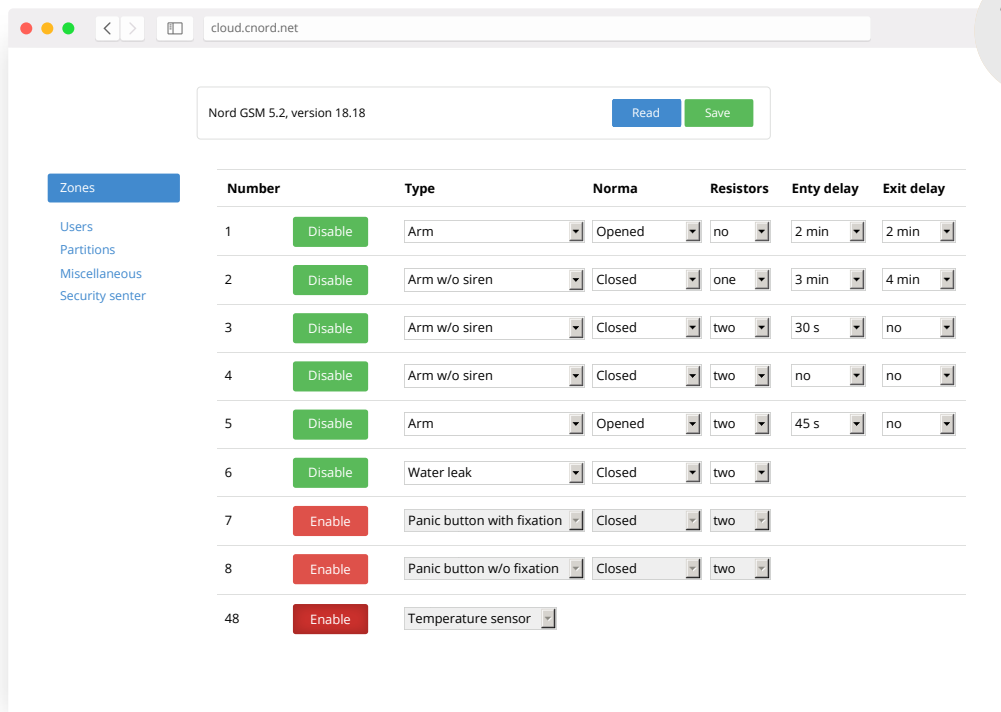
📍 St.Petersburg

Virtual expert

The convenient web app lets an engineer remotely run various functions such as programming the control panel, updating the software and viewing device logs.

Security. The operator on duty can grant the engineer access to a site.

The cloud will save related data so that you know who's had access to the site and which commands were executed.



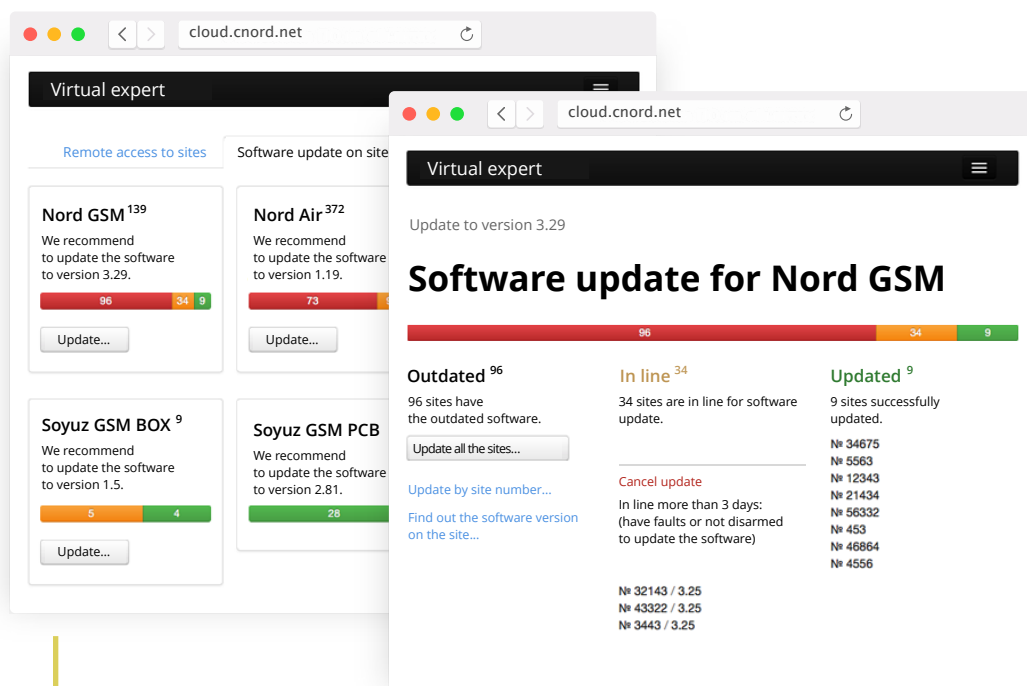
The screenshot shows a web browser window with the address bar displaying 'cloud.cnord.net'. The page title is 'Nord GSM 5.2, version 18.18'. There are 'Read' and 'Save' buttons. A sidebar on the left contains links: 'Zones' (highlighted), 'Users', 'Partitions', 'Miscellaneous', and 'Security senter'. The main content area is a table with columns: 'Number', 'Type', 'Norma', 'Resistors', 'Enty delay', and 'Exit delay'. The table lists 9 items, with the last one labeled '48'. Each item has a status button (Disable or Enable) and a dropdown menu for the 'Type' column.

Number	Type	Norma	Resistors	Enty delay	Exit delay
1	Disable	Arm	Opened	no	2 min
2	Disable	Arm w/o siren	Closed	one	3 min
3	Disable	Arm w/o siren	Closed	two	30 s
4	Disable	Arm w/o siren	Closed	two	no
5	Disable	Arm	Opened	two	45 s
6	Disable	Water leak	Closed	two	
7	Enable	Panic button with fixation	Closed	two	
8	Enable	Panic button w/o fixation	Closed	two	
48	Enable	Temperature sensor			

Remote Programming.

Web Interface for Nord GSM configuration manager.

Time saved on software updates. After testing a new version of the firmware on several sites, the engineer will start an update process for the software of other devices while using a color display to monitor the process.



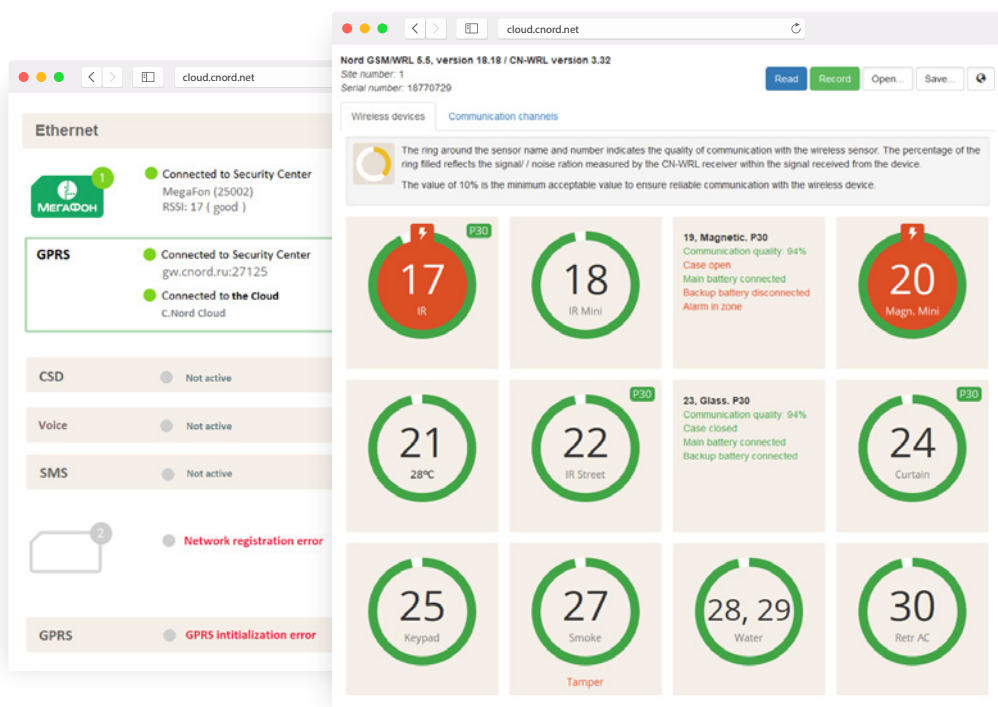
Rollout updates. The engineer can view a hardware list and statistics on software versions. By clicking update, the engineer starts an update process for all devices at once.

Devices:

- Nord GSM (all versions).
- Soyuz GSM BOX.
- Soyuz GSM PCB.

Communication channels and status console

Device operation is easily testable on all communication channels, and all sensors are easy to configure. The interface is user friendly, helping engineers save their time — and spare their nerves.



Communication channels and statistics let you know which channel is active, whether the connection is good, whether there are any errors, and how many messages have been transmitted. During installation the engineer force-switches the channels to check whether they are operating correctly.

Status Console. The engineer can connect sensors to the control panel to check the connection on the spot. If a sensor is highlighted in red, the connection is poor and the sensor's position needs to be adjusted. The green color indicates that the sensor has been installed correctly.

ATM and payment terminal protection

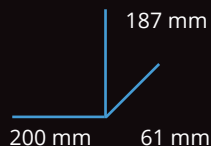
The capability to arm and disarm control panel remotely for cash collection and maintenance enhances ATM security.

To collect cash from an ATM, a security officer needs to disarm ATM's security system. This is a potential pitfall because the security officer knows the arming / disarming code. But if the ATM has Nord GSM installed, the security officer can call the operator to have the security system disarmed remotely and, once the cash is collected, have it rearmed.



The security officer notifies the operator that the cash collecting operation is complete. The operator rearms the security system.

Compact housing

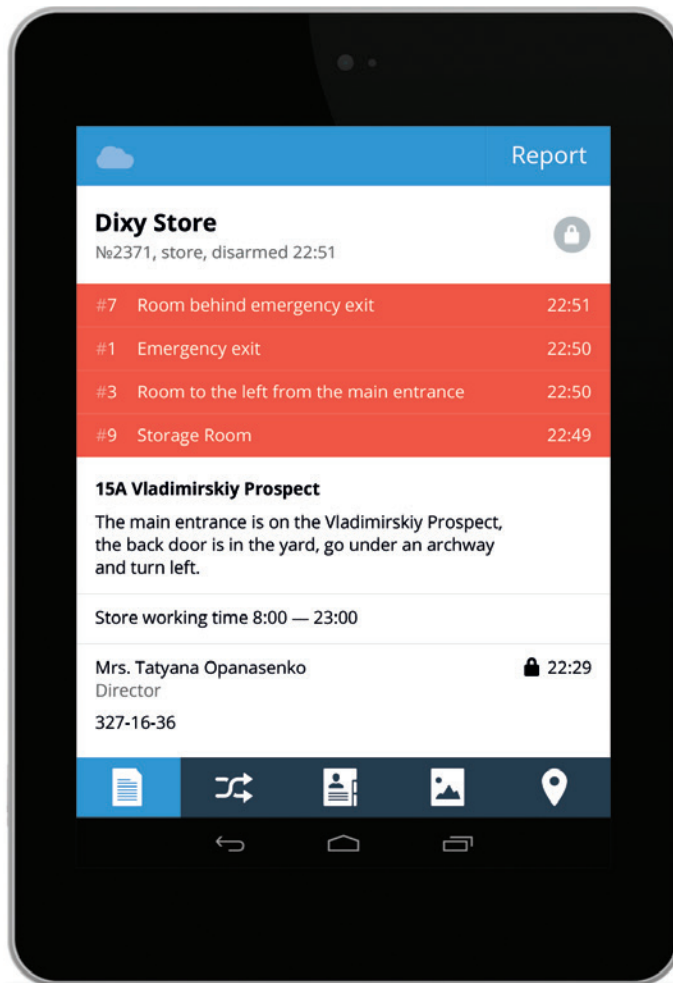


Compatibility

- GSM, Ethernet channels.
- 8 to 16 zones for sensor connection.
- Relay output to connect additional devices (e.g., a siren).
- ATM reboot from the security console.

The Guard

We help to make operator's job easier, reduce mistakes and increase speed and quality of work. Rapid-response team sees a card of site on the tablet in The Guard app.

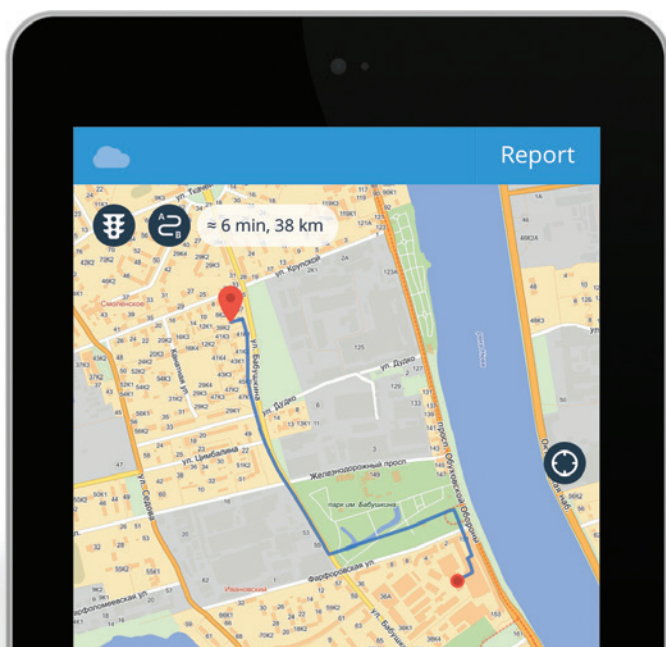


1. Name, number and type of site.
2. Current status: armed / disarmed.
3. Alarm zones and time of detector triggering.
4. Address and route.
5. The last arming / disarming event.

Other tabs:

- zones and equipment;
- responsible persons;
- photos of site;
- map with a route.

Map, traffic jams and route. Rapid-response team sees a site and its car on the map. It helps to get to the site quickly. The route helps to escape traffic jam and reduce arriving time.



Requirements for tablets

3G, GPS tracking system and sound.



Demo-login: 0000—0000

Google Maps.

The Guard makes the route on Google Maps taking into account traffic jams and shows the approximate time of arriving.

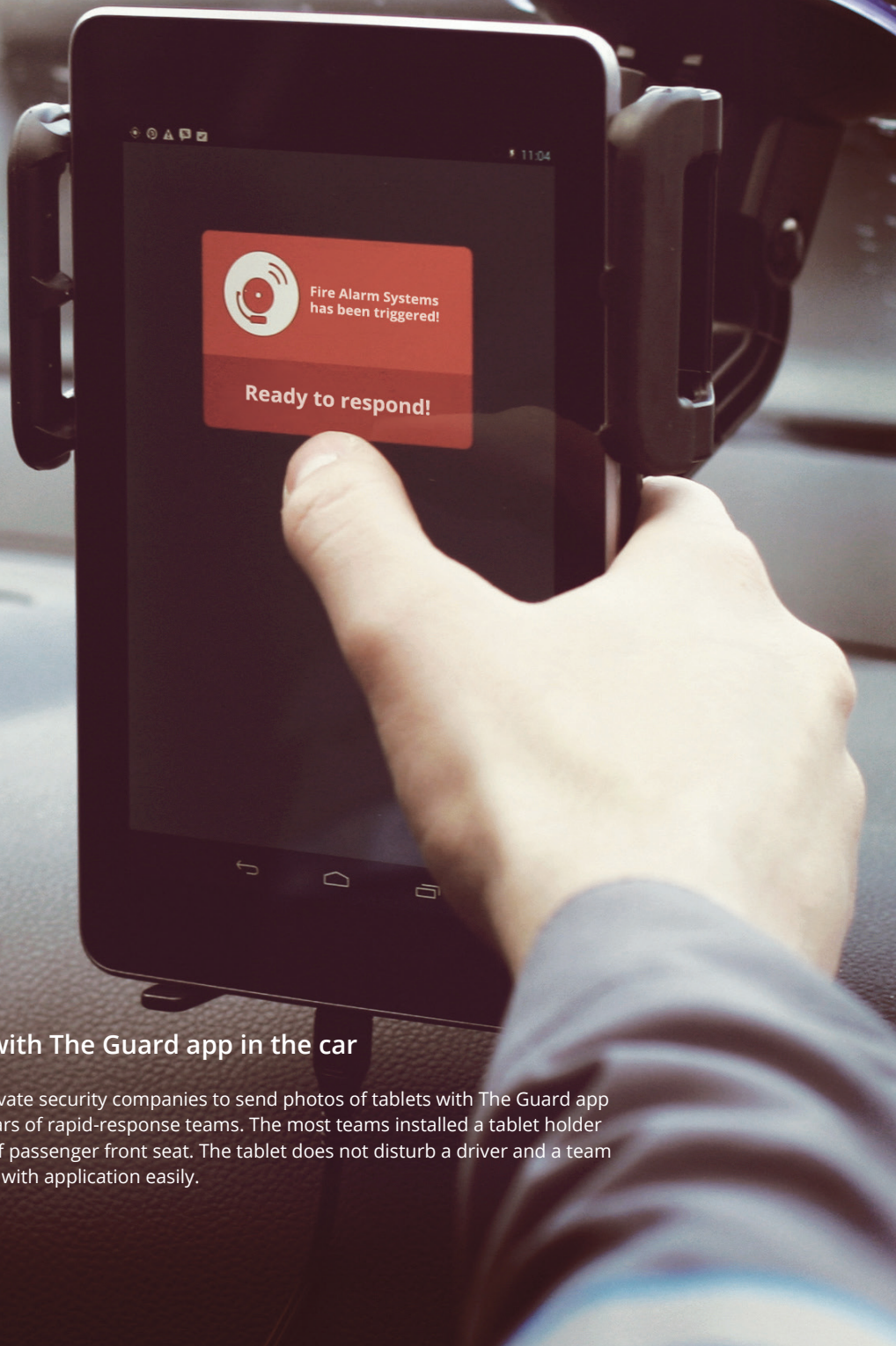
Customers' data are in safety.

The Guard does not keep cards of customers on the tablet. The app deletes information from device's memory after alarm processing.

Rapid-response team is

on situational map. A tablet with The Guard works as GPS tracking system. It sends coordinates to server 1 time in 3 seconds. Rapid-response team is displayed on the Situational map of private security company.





A tablet with The Guard app in the car

We asked private security companies to send photos of tablets with The Guard app installed in cars of rapid-response teams. The most teams installed a tablet holder to the right of passenger front seat. The tablet does not disturb a driver and a team leader works with application easily.

Situational map

It's difficult to imagine location of sites on a city map. But on the situational map you can see how many sites in different districts are and location of rapid-response teams.



Helping to a duty operator

On the situational map a duty operator sees a status of every site – armed / disarmed / alarm – and a status of every rapid-response team – free or being called.

Click on a site or rapid-response team and get more information. Operator has a good tool to estimate the situation and make a decision.



If you want to see a rapid-response team on the map, provide it with The Guard app on the tablet.

Doggetts Coat & Badge
1 Blackfriars Bridge, London SE1 9UD

2334, 23:34

Security service team has been called
Call has been confirmed at 23:06
Arrived at 23:21

Center → 2334

Northwest

Security center

Monitoring station software.



In May of 1998 we launched Security center for the first time. At that time the software had no so many features. And now we aren't going to stop.

Andrey Zhuk,
R&D Department



1000 Sites – Free of charge

Complete solution for security business start-ups.
Get your free package of Security center:

www.cnord.com/security-center

Compatibility

Security center is compatible with the following monitoring software:

Visonic, Villbau, MCDI, Satel, Pyronix, Iseco, Trikdis, Honeywell,
KP Electronics, Jablotron, DSC, Navigard, Puper, RRT, OKO, Eldes,
Megalux, etc.

Control your customer's payments for provided services

If a customer has a debt, Security center operator can configure the work of control panel. When the customer starts to arm or disarm, the control panel:

- works without restriction;
- informs about the debt;
- warns of the debt;
- rejects arming.

For example, the operator sets prohibition on arming for the customer. The customer cannot arm the security system. The panel reports that there is a mistake of arming. It's necessary to pay for the security services. Security center operator receives the notice «The panel rejects arming. Security services are not paid.»

Security center disburdens duty operator work

Customers can check a status of their security system and panic button in MyAlarm app.

For customers with «entrance through alarm» Security center doesn't indicate alarm to the operator when a customer opens a door at first and then inputs code of disarming.

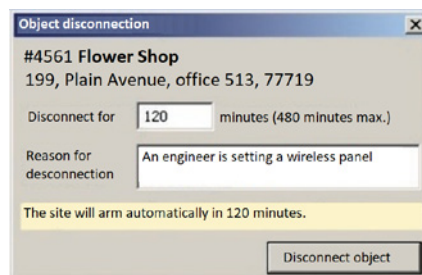
Security center filters false alarms during short-time:

- disconnection with security system;
- malfunctions;
- lower voltage.

Security center improves security services

The Guard App. A tablet application for rapid-response team. It helps to save operator's time and to avoid mistakes. Rapid-response team uses special reports. For example, rapid-response team arrives at a site and pushes a special button in the application. As a result, the report contains all activities of rapid-response team with indication of time and coordinates. The operator sees the reports of rapid-response team in the event log.

Situational Map. The operator monitors location of rapid-response teams on the map in real time. You don't need to use special trackers.



When there is installation works at a site, the operator disconnects the control panel which you do not need to pay attention to.

The main window of monitoring station software Security center

Security center shows status of control panel partitions

When moving mouse over a site, you see a tooltip with alarms and status of partitions

Interaction with rapid-response team and sending a card of a site to the tablet with The Guard app

The event log is used to know what is happening with a site right now

Security center - Duty operator

Settings... Operator... Card... (F4) Events (F5) Alarm...

Site status

Total number of sites: 52 Armed: 16 Number of alarm sites: 30

1 2 12, Hardware Store
978 Main St., Capital Bay, 77043

14 15 14:23 Alarm in 'Security Area'
14:25 IR sensor in the Office

27 28 14:24 → Global Response Inc. en route

40 41 02:34 Room with the safebox Mrs. Doe
12:44 ATM in the street Mrs. Doe
10:43 Garage Mr. Snow
11:54 Director's Office Mr. Smith

42 43 44 45 46

All Alarm Confirmed Partial armed Armed Disarmed

Events

All Alarms Site 1 Guards

Channel	Date	Code	Part - Z/U	Event class
T5	27/06 07:50:50	E333	0 - 1	Trouble
Eth2	27/06 07:50:51	ZZWR	0 - 1	System
Sms6	27/06 07:50:52	ZZCJ	0 - 2	System
Gprs3	27/06 07:50:53	R157	0 - 3	Reset
Eth2	27/06 07:50:54	R332	0 - 2	Recovery
Gprs3	27/06 07:50:56	E118	0 - 2	Warning
Eth6	27/06 07:50:57	E120	0 - 3	Panic button
R4	27/06 07:50:58	R498	0 - 1	Arming
Sms7	27/06 07:50:59	ZZXP	0 - 1	Trouble

7:52:20 AM Code: E370 Event: Tr

Duty operator processes alarms

The interface displays a grid of site status icons and a list of events. The grid consists of 4 rows and 6 columns, with site numbers 8, 9, 10, 11, 12, 13 in the first row, 21, 22, 23, 24, 25, 26 in the second row, 34, 35, 36, 37, 38, 39 in the third row, and 47, 48, 49, 50, 51, 9001 in the fourth row. The icons are colored red, green, or blue, indicating different status levels. A search bar labeled 'Find a site' is located above the grid. Below the grid is a table of events.

Event description	Number	Name
Connection via RS-232 lost	7	New site
	34	New site
Cancel PAB inspection: time out of sync	13	New site
Low gas level.	28	New site
Zone short circuit.	24	New site
Fire hazard.	27	New site
	17	New site
Temporary code	22	New site
Checksum error	14	New site

Double, Zone. Site No. 9 (New site)

Filter and search
of sites

Flexible settings of event
display: what to display
and in which color

The operator personal
account for fixing activities
and controlling the access

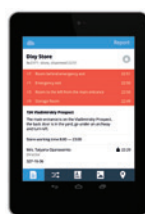


How an operator works in Security center. The duty operator follows the strict rules and fixes all activities of all participants of the process: duty operator, rapid-response team and responsible persons.



Computer with Security center

Private security company deploys Security center to monitoring station's computers. Operator follows the strict rules and fixes all activities of rapid-response team.



The Guard app for a tablet

Tablet application sends coordinates of rapid-response team to monitoring station and fixes the actions: arriving at site, reports, etc.

Customer Reviews



Yakov Papoyan

Deputy-Director of Vityaz private security company, Chelyabinsk city, Russia

C.Nord software products are different from the competitors in many parameters. There is a big advantage in engineer`s work; they can program the equipment or the device remotely. Also there are a lot of useful functions as arming/disarming the security system using the mobile application. I would like to note the formation of reports for leadership by a software; it helps to evaluate the effectiveness of the company work.



Vitaliy Mitrofanov

Technical director of TrioMad TOO, Shymkent city, Kazakhstan

We have been working with Security Center since 2008. In that time people didn't live up to great expectations and the computers could be faulty too. But Security Center has always functioned properly! Today Security Center helps you to do things which alternative systems are going to invent tomorrow.



Stanislav Ovsyanikov

Director General of Rina Company, Yubileyniy city, Moscow district, Russia.

Security Center is a sustainable and steady work. If you have some malfunctions, C.Nord manager and technical staff will help to solve your problem. Thanks to Security Center we are the best company in our city and we work with the best equipment.



Dmitri Malyshkin

Head of the Bagration Private Security Company, Tyumen city, Russia

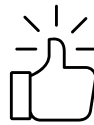
We've been using Security Center for 10 years. The software's competitive advantage is its compatibility with cloud services for security companies. In 2012, we started using cloud services: the MyAlarm app for clients, the Virtual Expert web app for configuring and managing control panels, The Guard app, and the situation map. We can't wait to see Security Center's new version. We're confident that the new version will help us enter the apartment market and effectively manage our sites.

Technical support

The technical support team receives up to 1000 requests per month for setting up control panels and software, or connecting third-party equipment and troubleshooting.



*Michail Obrazhey,
technical support manager*



30 minutes

average first response time

24 hours

80% of issues are resolved
within 24 hours

We store requests history

After the first request the client is registered on the technical support site - from this moment we keep the entire history of customer's requests in customer's personal account.

The head of the security company can view calls to technical support of all the employees.

We always find a solution

If necessary, a technical support specialist will remotely connect to the customer's panel and assist with setting up. In difficult cases we directly consult with the developers of C.Nord software and hardware.

We enrich the knowledge base

For each request that is repeated more than 5 times, we prepare a detailed article containing the decision and add it to the site.

C.Nord // Support
RU EN ES
Login Create a request

Home

Contact technical support

dovolnyklient@company.com

How to make an alarm processing report with preset cancellations?

Describe the essence of the trouble as much detail as possible. Indicate the version of the software or firmware of the equipment. If possible, create and attach a log file.

Hello.
There is a need to count the number of alarms on sites with a certain cancellation.
As for the total number, everything is clear, it is displayed on the upper left, but we need the exact number of sites that are not "Disarmed", and are active.

Add file or drag file here.

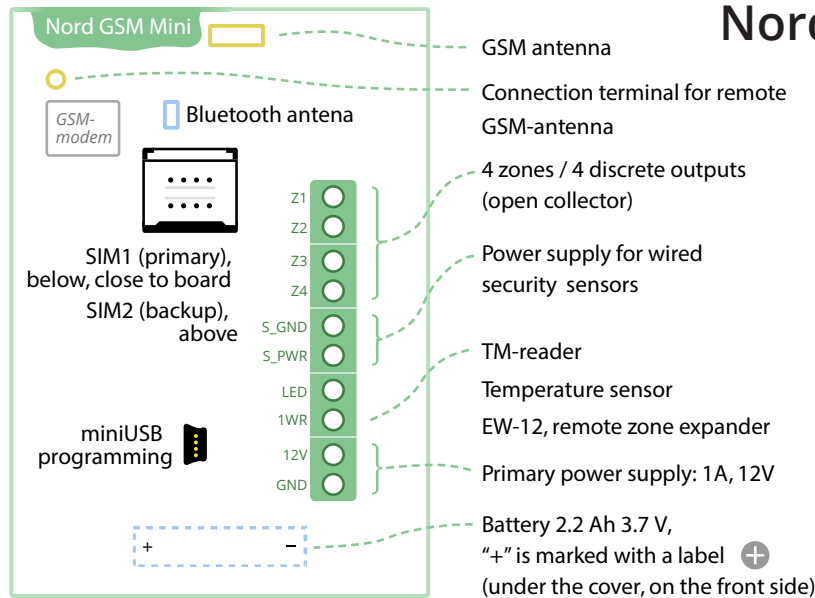
Send

The customer communicates with technical support in a personal account and by email.

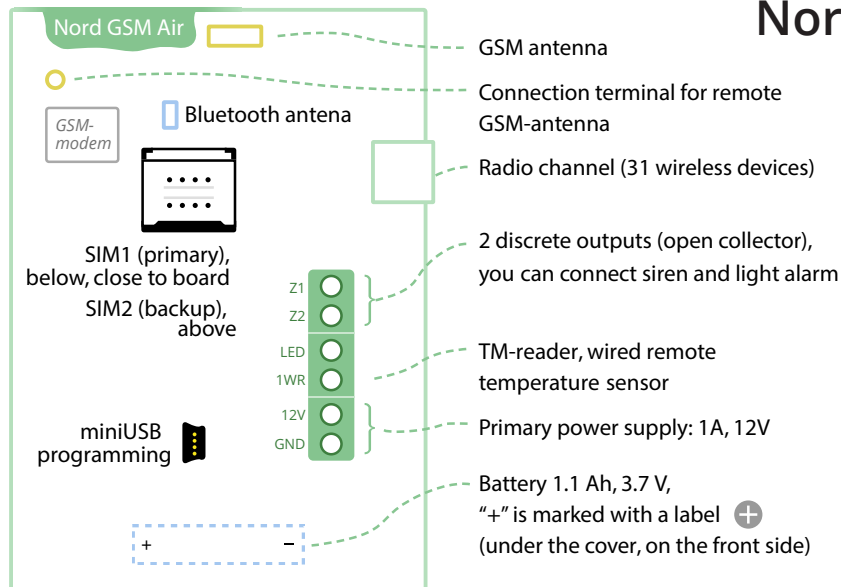


C.Nord technical support team

Wiring diagrams

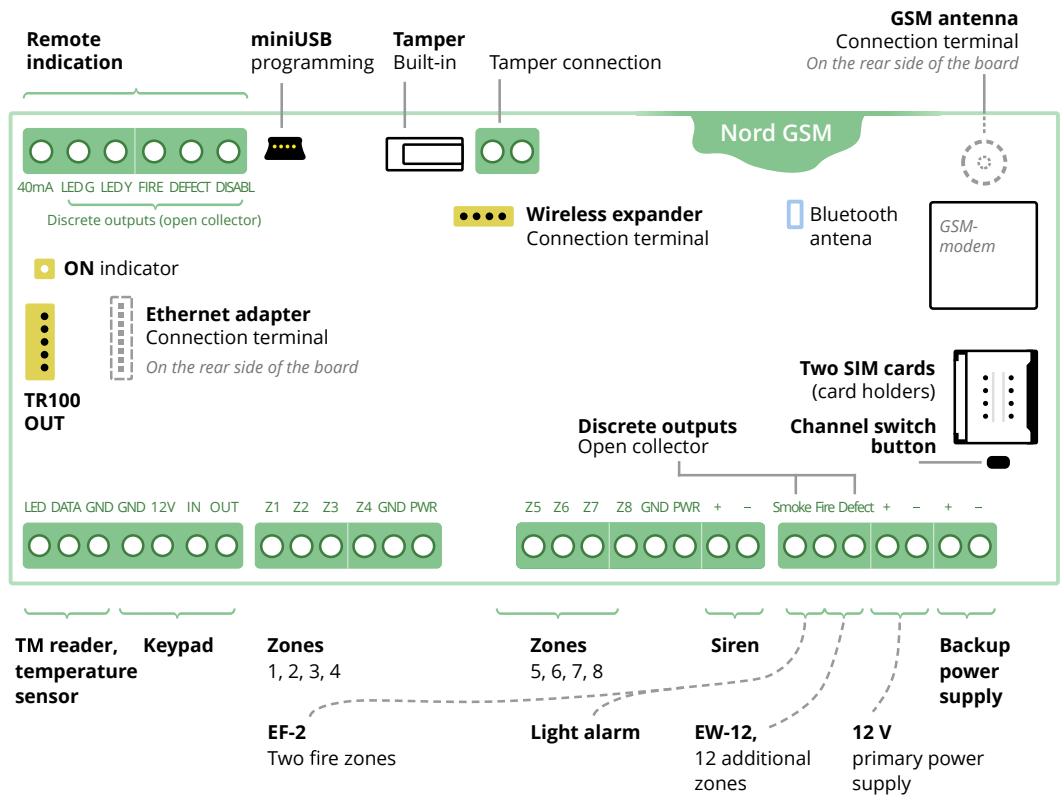


Nord GSM Mini

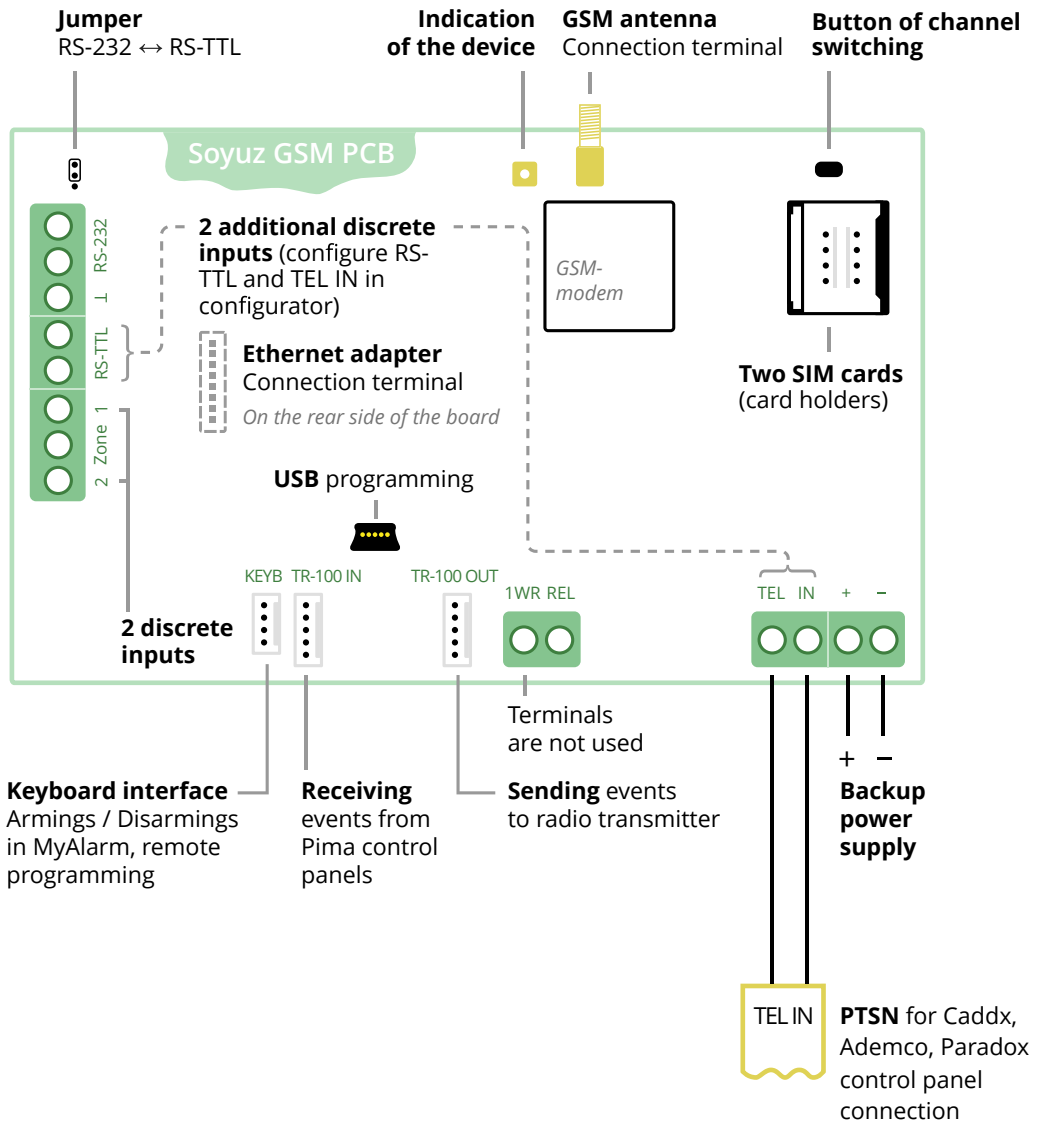


Nord GSM Air

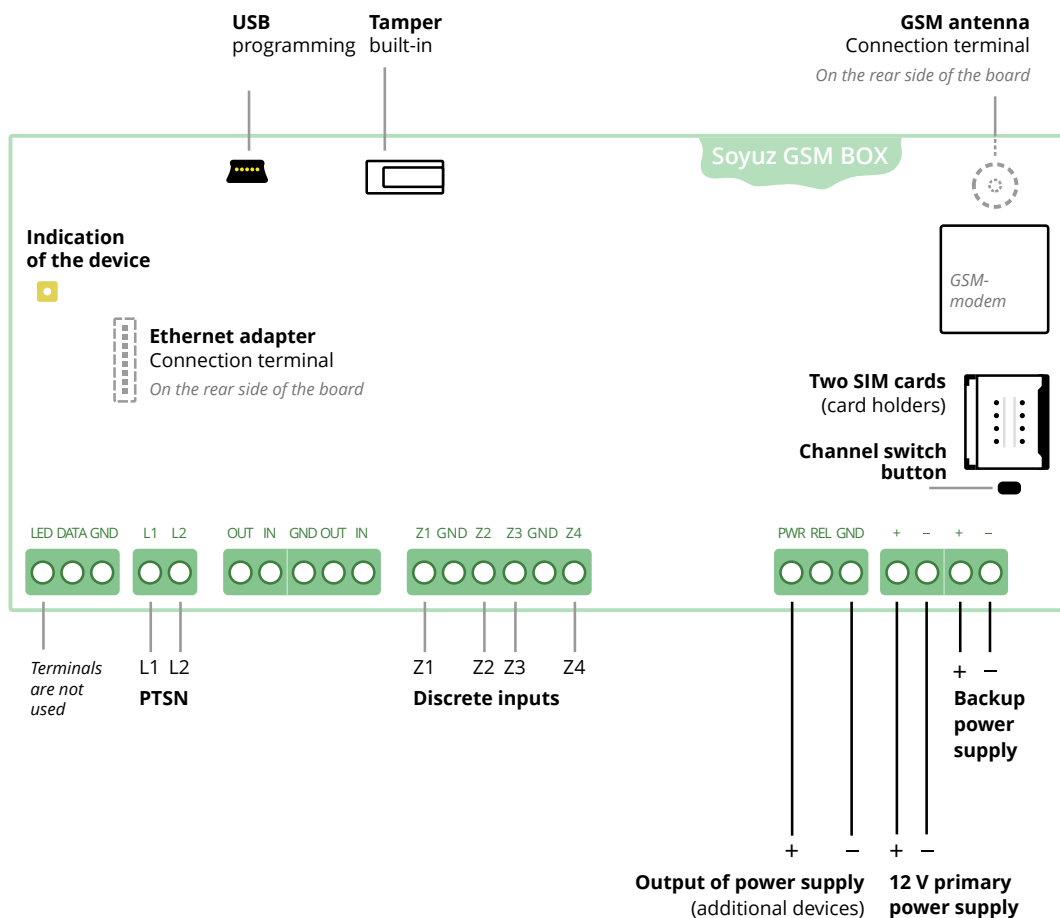
Nord GSM and Nord GSM WRL



Soyuz GSM PCB



Soyuz GSM BOX





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St.Petersburg, Russia, 190020.

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Trade room

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Technical support

9:00–18:30, Monday–Friday.

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