

Applications

IOT

TOPKODAS
Solutions



Topkodas, JSC is an electronic engineering company specialized in:

- automation,
- alarm systems,
- M2M monitoring,
- remote control,
- access control,
- security products.

The devices can be controlled by RFID cards, iButton keys, mobile phones. It is possible to get alerts via text message or call as well as monitor equipment distantly.

Founded in 2007, Lithuania

All devices are made in Europe

Smart home panel for modern houses



Lighting



ON OFF switch



Thermostat



Fire alarms



Security alarms



PROGATE

GTalarm2

Save energy, cutting utility costs over time

Automate regular home processes.

Full control of lighting, heating and power.

Always make sure to lock your doors.

Remotely control locks.

Switch every heating or electrical device on or off remotely.

Manage home functions from any part of the world.

Know what's happening inside your home 24/7.

Energy efficiency.

Free mobile, web app



No monthly fees

No hidden fees



Automation

GSM control

Monitoring

Temperature, humidity alarms for warehouses



Humidity



Temperature



Dry contacts



Alarms



Cloud service



PROGATE

GTalarm2

Automatically capture critical control point temperature.

Get alerts when the temperature is below or above levels.

Capture data directly in cooling rooms, freezers etc.

View past event data records.

Easy installation and simplicity of use.

Easier compliance monitoring.

Energy savings.

Better performance and quality.

Remote monitoring with alarm notifications 24/7.

IoT based temperature monitoring alarm system



For goods that are climate-sensitive.

Ensure the quality of your products



Track temperature

Remotely change the temperature

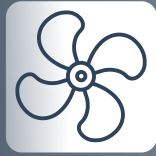
Receive alarms



Ventilation, irrigation, automation for small greenhouses



Temp Humidity



Ventilation



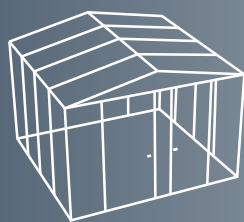
Alarms



Cloud service



Irrigation



PROGATE

GTalarm2

Increases in the production and quality of the crop.

Maintaining the optimal environment for cultivation.

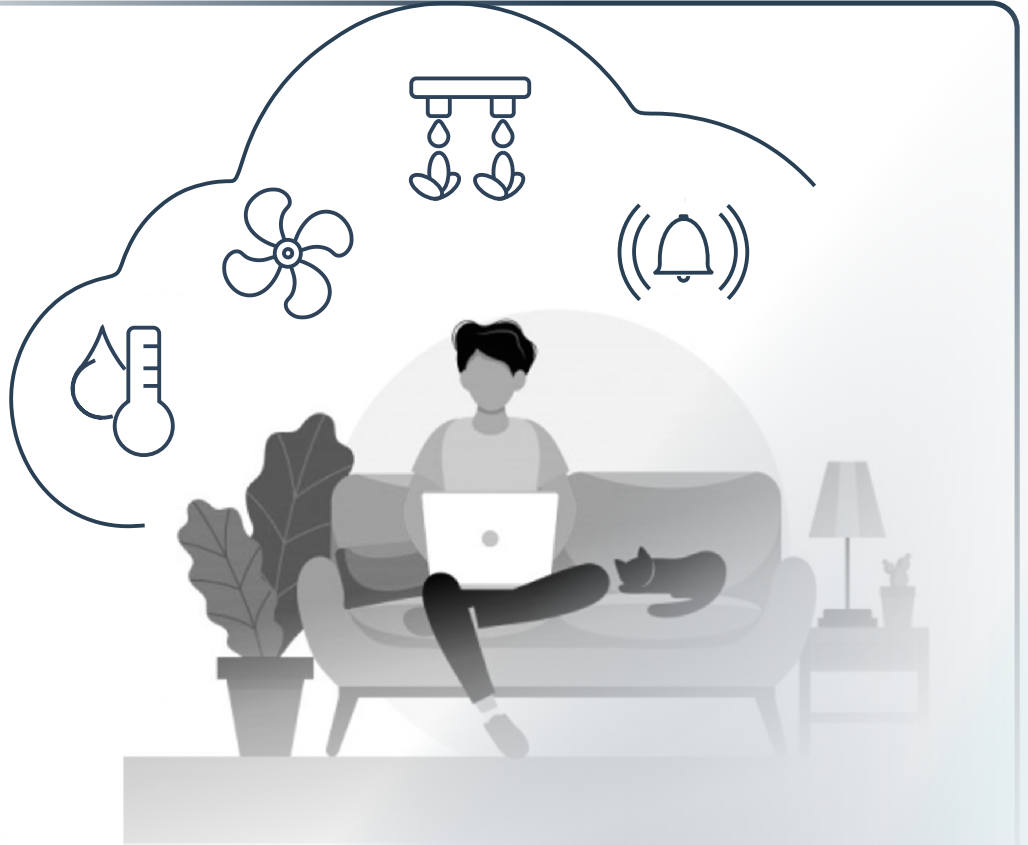
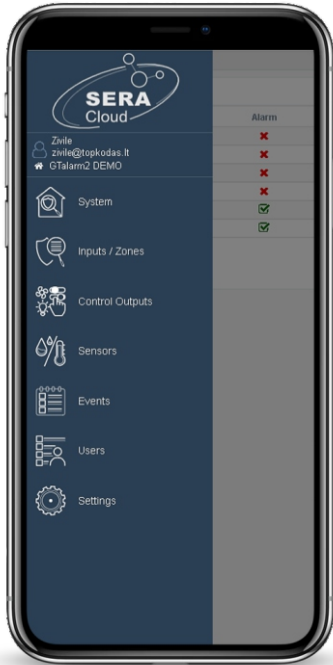
Climate (temperature, humidity) control

Alarm system when devices have malfunctions.

Greenhouse management of the through GSM network.

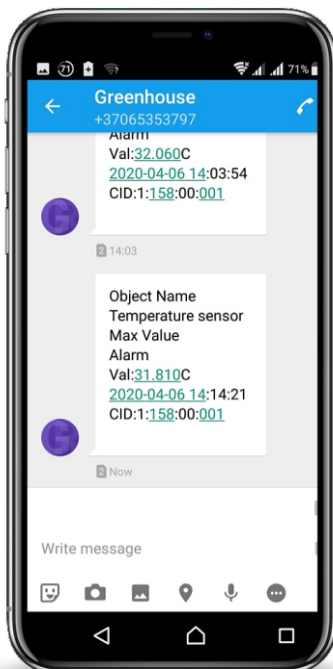
Irrigation and nutrient application control

Control of the physiological processes of the plant.



Save your time with remote configuration, diagnostic tool

Receive alarms in a form of SMS and call



Monitoring, alarm, fuel theft detection for goods in transit



Humidity



Temperature



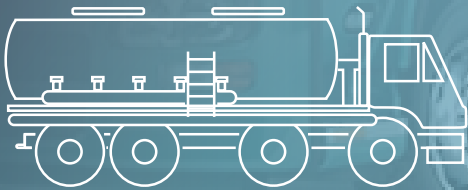
Fuel level



Alarms



Cloud service



PROGATE

GTalarm2

Obtain reliable data on current fuel volume;

Define refueling volume;

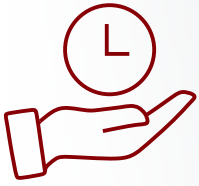
Detect fuel theft from tank;

Carry out remote tank monitoring.

If fuel consumption is set and consumption has exceeded this level, an alarm will be sent.

If the fuel level has decreased without the engine running, an alarm will be immediately sent.

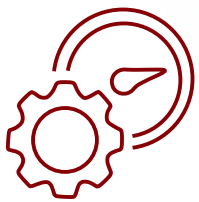
Cloud service.



Save time with instant app notifications and alerts



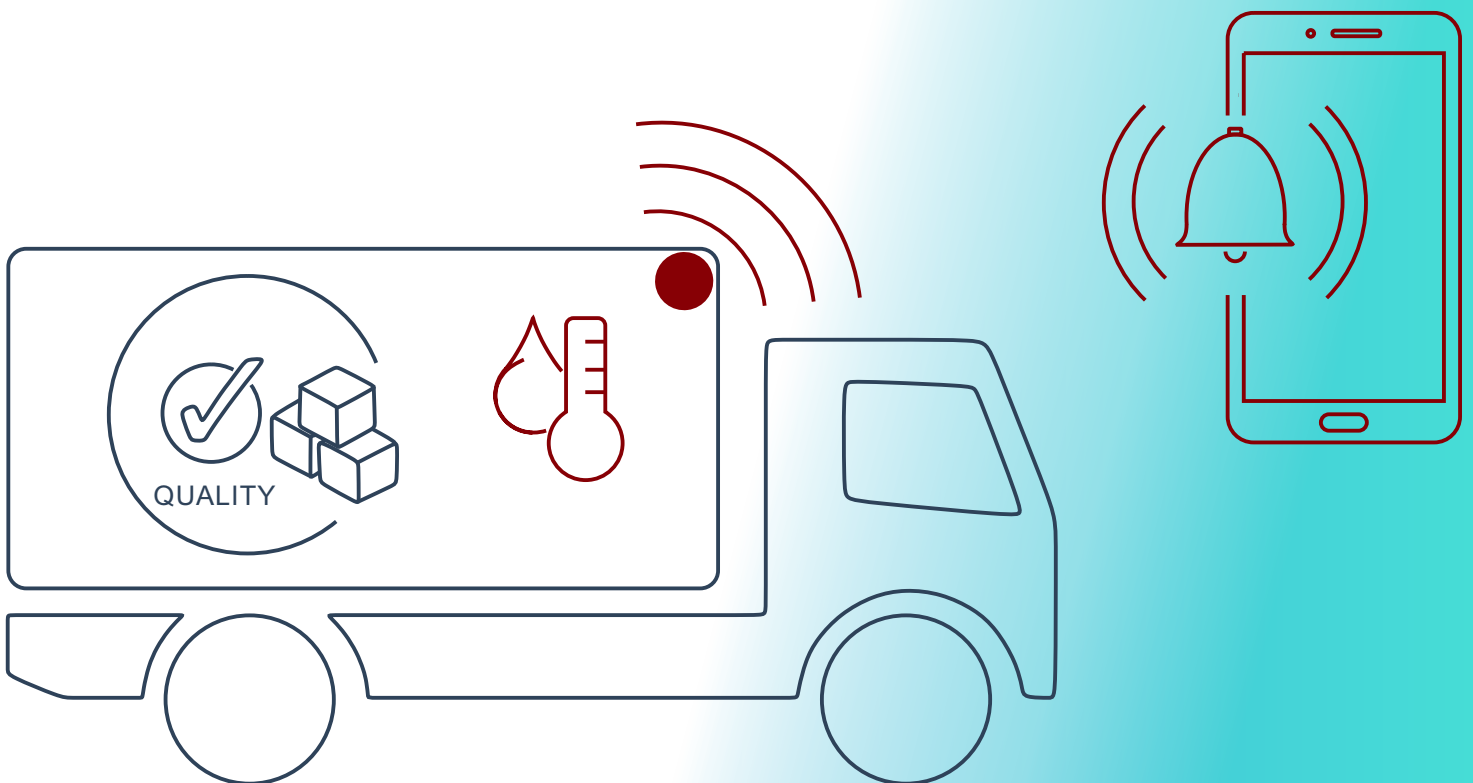
Accessibility from remote locations.
Remote temperature monitoring.



Productivity improvement.
Minimize human intervention.



Maintaining regulatory compliance.
Protect your products from the adverse effects of changing weather



Smart control system for rental houses



Lighting



Temp Humidity



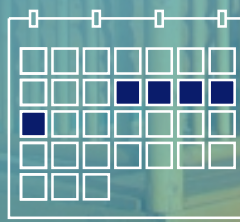
Heating



Fire alarms



Access control



PROGATE

GTalarm2

Control of heating, lights, locks from mobile or computer.

Remote control via web interface.

Temperature sensors in each house

Turn ON the heater remotely, when the house is rented.

The alarm will be send if the temperature drops below the limit.

Set the period when the rental starts and stops.

Turn ON the water boiler heating remotely.

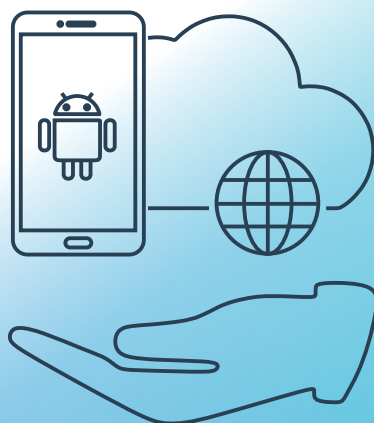
The same time rental period starts, heating switched ON.

The same time rental period stops, heating switched OFF



Monitor and control the heat and central A/C in your rental property from anywhere via your **smartphone** or computer.

Control access remotely



Save energy

Receive instant alerts

GSM gate controller

for gates, road barriers, ATMs



Date interval



Shutters



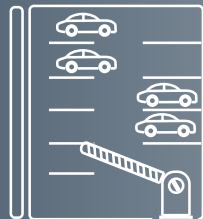
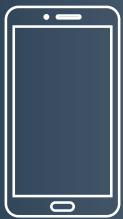
Garage doors



Barriers



Alarms



PROGATE

GTalarm2

Open gates/doors with your phone

Easy to add or delete phone numbers.

Set time, date period.

No need to purchase additional remote controls.

Free management. Alarms & notifications

Remote configuration. Web-based system.

Reduced costs. Automation and simplified administration

Automatically monitors of industrial doors, gates, barriers.

Improved safety.



RFID cards



Wiegand keypad



iButton keys



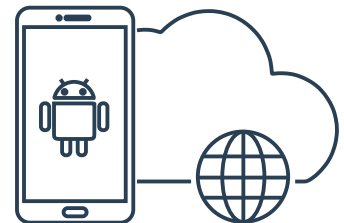
Free short call



SMS



- Up to 800 users for remote control purpose;
- Control via standard **Wiegand RFID** reader;
- Check events log remotely from anywhere, 24/7.



App Notifications



SMS Alarms



Events Log



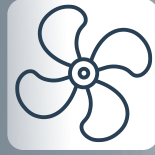
On demand controlled kitchen ventilation



Alarms



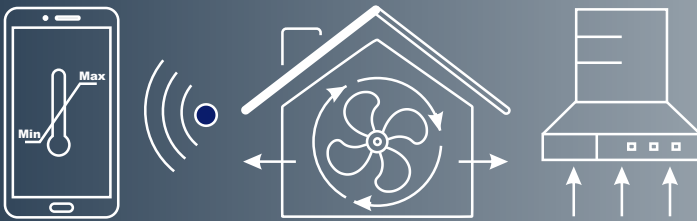
Temp Humidity



Ventilation

PROGATE

GTalarm2



Improved Air Quality. Providing a pleasant environment.

Remove odors, smoke and other pollutants from the air.

Removal of excess heat and steam.

Help prevent annoying greasy buildup.

Prevent the growth of bacteria and mold.

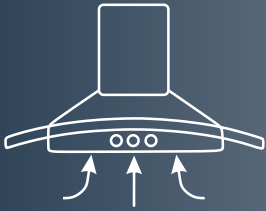
Adds major resale value to the home.

Reduced energy costs.

Alarms & notifications

Improved safety.

Smart kitchen based on IoT



When the kitchen is in operation, the controller turns on the ventilation.

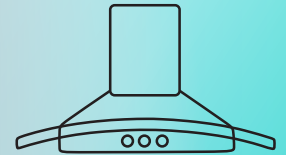
The control valves and fans are set to the maximum airflow settings.



When the kitchen is not in operation,

the controller stop the ventilation or to continue with a low capacity

The fans and control valves are automatically set to the minimum airflow.



Save energy & money

Alarms to your mobile 24/7

PROGATE



Simply mounting. Save your time.



Easy access to SIM card, USB access. No need to open enclosure. Protect PCB, electronic components from damage.



Fast, simple and various types of mounting:



Velcro stick- on adhesive fasteners



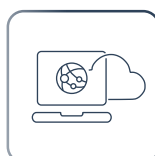
DIN rail mounting



Wall mounting

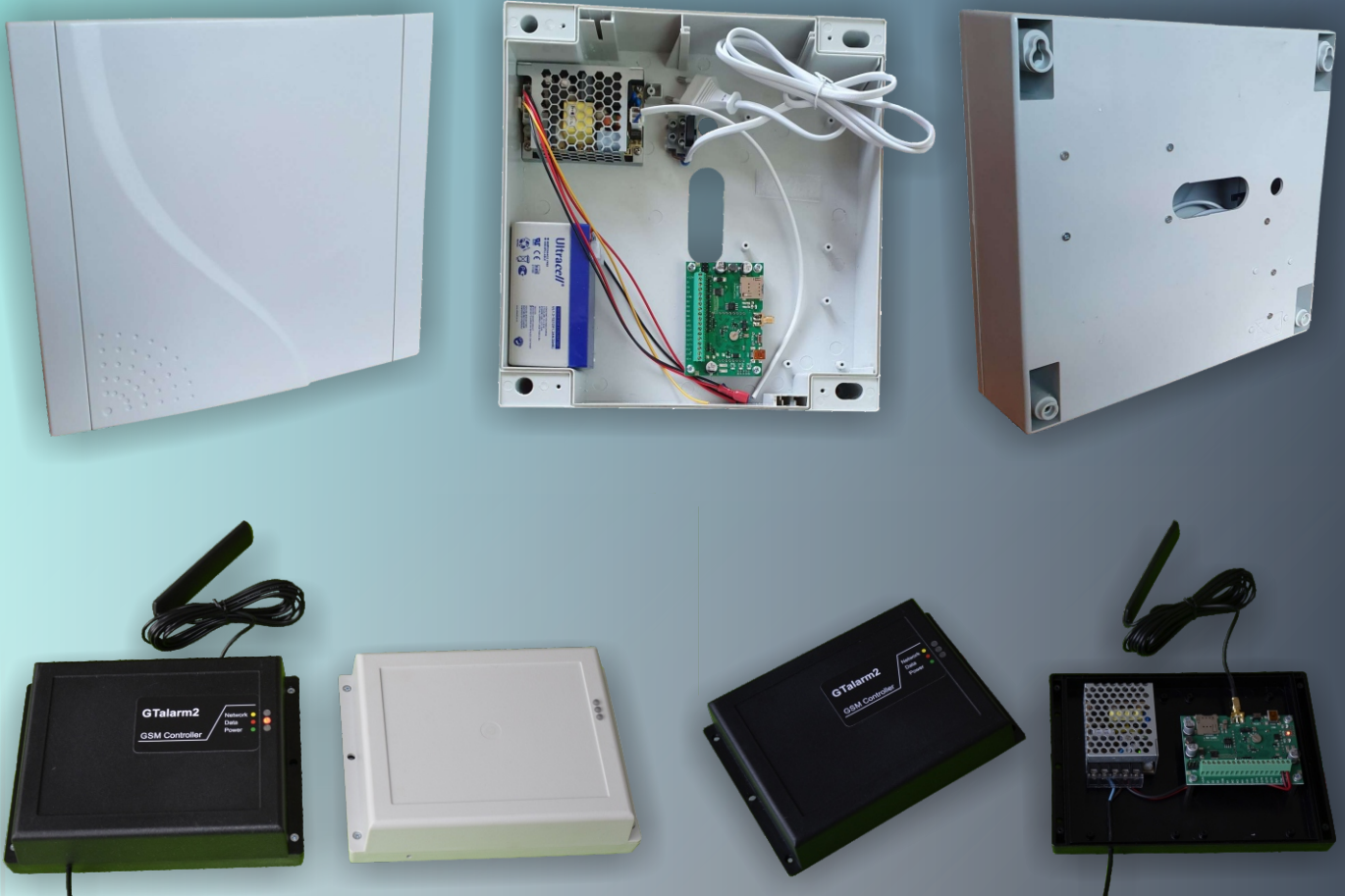


Flush mounting over electric wall box 60mm EU standard



Remote configuration, diagnostic, firmware update tool
Save your time, fuel and money!

GTalarm2



Your logo on the products

OEM App

Parameters

GTalarm2

Progate

GTCOM2



GSM modem 2G Quad band



GSM modem 3G/4G LTE



Analog Inputs (In) 0-10V

4

Analog Inputs (In) 0-30V

2

2

Outputs (Out) 1A

4

2

2

Relay Output

1

Analog Inputs (I/O) 0-10V**

2

Analog Inputs (I/O) 4-20mA, 0-20mA*

2

Analog Inputs (I/O) 0-30V**

2

2

Digital Input (D, W) 1- Wire BUS*

3

1

1

Analog Outputs (I/O) 20mA**

2

Digital Output (D) 10mA, Max3.3V!*

3

1

Temperature sensors.
Programmable thermostat

Up to 32

Up to 32

Up to 32

Humidity sensors

Up to 3

1

1

Burglar alarm zones

4+2
(Up to 32 sensors)2+2
(Up to 32 sensors)2+2
(Up to 32 sensors)

2- Wire fire zones

2

Wiegand RFID reader & Keypad



RFID proximity cards ID, keyfobs

Up to 800

Up to 800

Up to 800

iButton reader




iButton keys

Up to 800

Up to 800

Up to 800

Parameters	GTalarm2	Progate	GTCOM2
			
Dallas 1- wire BUS	✓	✓	✓
SMS alarm numbers	Up to 8	Up to 8	Up to 8
Auto DIAL alarm numbers	Up to 8	Up to 8	Up to 8
Reporting to CMS. SIA DC-09 communicator. AES128 Encryption	✓	✓	✓
Events log memory	Up to 2048	Up to 2048	Up to 2048
Events log to server	Unlimited	Unlimited	Unlimited
Remote control users	Up to 800	Up to 800	Up to 800
Low voltage alarms	✓	✓	✓
Automatic conditions report	✓	✓	✓
USB interface	✓	✓	✓
Free configuration & diagnostic software	✓	✓	✓
Remote configuration & firmware updates via cloud server	✓	✓	✓
Real time clock synchronization: GSM network or Cloud server	✓	✓	✓
PSTN emulator. Contact ID interpreter			✓
SIM card holder	Nano SIM	Mikro SIM (2G) Nano SIM (3G/ 4G)	Nano SIM
Enclosure		✓	✓
Overall dimensions of the module	84x66x18mm	86.5x59.7x30mm	86.5x59.7x30mm

*Programmable selectable Input or Output



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