

StarLine®

SMART SECURITY 



www.alarmstarline.com



30 YEARS
SMART PROTECTION

30 YEARS OF SMART & RELIABLE SECURITY

MISSION

We guarantee a high level security to the world citizens based on advanced technologies of global community.

Today more than 16 mln car owners can be sure that they will find their car secured by StarLine where they left it.

KEY FIGURES

48% of market share in Russia.

About 1 mln new car owners choose StarLine SMART security solutions every year.

More than 850 000 car owners use free monitoring service starline.online and StarLine mobile app to control security and service functions of their cars.

GEOGRAPHY

Head office in Saint-Petersburg.

3 branches in Moscow, Kazan, Vladivostok.

65 technical offices in Russia and CIS.

PARTNERS

StarLine security and telematic solutions are validated as original accessories by leading car manufacturers, and since 2010 is centrally supplied as OES-accessory to 4 000 car dealerships across Russia and the CIS countries.

- CITROEN
- DATSUN
- FORD
- GM-AVTOVAZ
- HYUNDAI
- KIA
- LADA
- LIFAN
- MAZDA
- MITSUBISHI
- NISSAN
- PEUGEOT
- RENAULT
- SKODA
- TOYOTA
- SUBARU
- SSANGYONG
- VOLKSWAGEN
- UAZ

STARLINE SCIENTIFIC PRODUCTION FACILITY, ST.PETERSBURG, RUSSIA

SUPPORT

- 24/7/365 free high level support on hotline in Russia and CIS.
- Impressive knowledge base on website support.starline.ru
- Demo installations and individual instructions.
- Friendly and simple education by online ABC Skilful Master

CERTIFICATION AND INTELLECTUAL PROPERTY

StarLine quality management system is certified to ISO 9001:2015 by TUV Rheinland, Germany.
Security systems are verified to meet EU directives for CE-marking:
2014/53/EU (RED), 2014/30/EU (EMC).
Tracking devices are certified to compliance of E1 requirements.
Author design and all StarLine technical solutions are protected by patents of Russia, EU, China, USA, Canada, Turkey and Madrid Agreement countries.



AWARDS

StarLine products, technologies and projects are regularly nominated and awarded in leading Russian and international contests.



STARLINE SMART SECURITY TECHNOLOGIES



SMART DIALOG

Smart dialog control code with individual encryption keys guarantees reliable protection against all known code grabbers.



RADIO NOISE IMMUNITY

StarLine system efficiently operates in city extreme radio interference due to unique narrow-band 868 MHz transceiver with low-noise amplifier.



BLUETOOTH SMART AUTHORIZATION AND CONTROL

Owner can control over all security functions even out of GSM network covering and pass authorization by a small waterproof wireless tag or smartphone with StarLine mobile App (Available for iOS and Android smartphones with Bluetooth 4.2 version and above).



SMART 3D SENSOR

Smart 3D sensor with remote settings registers shocks, car jacking-up, evacuation and evaluates driving style safety.



SUPER SLAVE

Control over car security with factory remote and reliable additional authorization with StarLine remote, wireless tag or smartphone with StarLine Mobile App.



PIN-CODE AUTHORIZATION

Additional authorization provides reliable protection against hijacking, enhancing security functions of factory car alarm. Trip is allowed only after entering an individual PIN-code with car original buttons.



INVISIBLE ENGINE BLOCKING

Unique patented iCAN technology guarantees reliable protection by hidden engine blocking through a factory digital CAN or LIN bus.



ANTI-HIJACK

StarLine protects against theft and hijacking with safe engine blocking in motion if tag is not detected or with owner's command by GSM interface.



RECORD ENERGY EFFICIENCY

StarLine guarantees low energy consumption, saving sufficient car battery charge up to 60 days in arm mode due to patented progressive technologies and firmware solutions.



MOTION DETECTION

With integrated motion detection StarLine determines vehicle movement and stops the engine or informs an owner about the fact and activates constant tracking.

STARLINE CONVENIENT SERVICE TECHNOLOGIES



GSM TELEMATICS

Allows control over all security and service functions, receive alarm status alerts to mobile phone and StarLine Mobile App.



FREE GPS+GLONASS TRACKING

Connect GPS+GLONASS antenna and monitor your car location with up to few meters accuracy at free and easy website starline.online or StarLine Mobile App.



PREHEATERS CONTROL

Control over Webasto, Eberspächer preheaters with 2-way remote control or by GSM interface with SMS or StarLine Mobile App.



2CAN+2LIN INTERFACE

2CAN+2LIN interface provides easy, convenient and safe installation of StarLine security system to modern cars with CAN and LIN bus.



SMART KEYLESS BYPASS

Save money on purchasing an additional bypass module or duplicate key to implement remote engine start on CAN and LIN equipped cars.



FLEXIBLE CONFIGURATION

Programmable channels with flexible logic settings for extended vehicle security and comfort functions.



REMOTE ENGINE START

Intelligent remote and automatic engine start at a determined temperature, time, weekday or by battery voltage.



SMART DIAGNOSTICS

Save on vehicle diagnostics — receive vehicle status notifications to mobile phone in StarLine App or at monitoring website starline.online



HANDS-FREE MODE

StarLine will disarm security when owner approaches a car to wireless tag detection area.



KEYLESS ACCESS PROTECTION

StarLine intelligent protection will block unauthorized attempts to disarm factory security and open car by hacking original keyless access system.

PREMIUM

CAR SECURITY TELEMATIC SOLUTIONS

STARLINE X96

Premium smart security-telematic solution with 2-way remote control, Bluetooth Smart tags, GSM, GPS, CAN, Mobile App, remote start and wireless relay module.

Delivery set and functions	X96
2-way LCD remote RF 868 MHz	+
1-way remote RF 868 MHz	+
Wireless Bluetooth tags (2 pcs)	+
2CAN+2LIN interface	+
GSM module 3G	+
GPS+GLONASS receiver with inertial navigation	+
3D motion / shock / tilt sensor	+
Temperature sensor	+
Siren	+
Valet button with LED indicator	+
Autostart relay module	+
StarLine R6 Bluetooth relay module	+



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PREMIUM

CAR SECURITY TELEMATIC SOLUTIONS

STARLINE X66

Premium smart security-telematic solution with 2-way remote control, Bluetooth Smart tags, GSM, GPS, CAN, Mobile App.

Delivery set and functions	X66
2-way LCD remote RF 868 MHz	+
1-way remote RF 868 MHz	+
Wireless Bluetooth tags (2 pcs)	+
2CAN+2LIN interface	+
GSM module 3G	+
GPS+GLONASS receiver with inertial navigation	+
3D motion / shock / tilt sensor	+
Temperature sensor	+
Siren	+
Valet button with LED indicator	+
Autostart relay module	-
StarLine R6 Bluetooth relay module	-



SMART SECURITY



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BUSINESS

CAR SECURITY TELEMATIC SOLUTIONS



STARLINE B96 GSM GPS

Advanced smart security-telematic solution with 2-way remote control, GSM, GPS, CAN, Mobile App and remote start.



STARLINE AS96 BT GSM GPS

Advanced smart security-telematic solution with Bluetooth Smart tags, GSM, GPS, CAN, Mobile App, remote start and optional analog outputs extension.

StarLine B96/AS96 model range is designed with innovative module structure of main circuit board. It have common basic PCB and possibility to have combination of different communication modules. Optional modules can be installed if necessary: GSM module, GPS antenna, Bluetooth module, radio 868MHz transceiver module, 2CAN-2LIN module, analog channels extension module. It allows to save on logistics with ordering and storage of the basic sets and separate optional modules and than compose the most suitable set for individual client needs.

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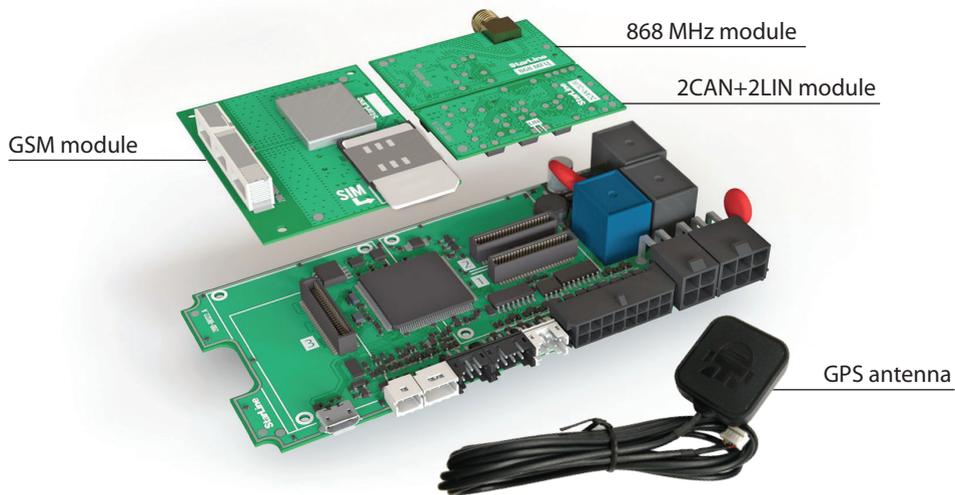
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BUSINESS

CAR SECURITY TELEMATIC SOLUTIONS

MODULE STRUCTURE OF THE MAIN CIRCUIT BOARD



See the list of optional communication modules at www.alarmstarline.com

Delivery set and functions	AS96 BT GSM GPS	B96 GSM GPS
2-way LCD remote RF 868 MHz	-	+
1-way remote RF 868 MHz	-	+
Wireless Bluetooth tags (2 pcs)	+	-
2CAN+2LIN interface	+	+
GSM module 2G (optional 3G)	+	+
GPS+GLONASS receiver	+	+
3D motion / shock / tilt sensor	+	+
Temperature sensor	+	+
Siren	+	+
Valet button with LED indicator	+	+
Autostart relay module	+	+
StarLine R4 relay module	-	+
StarLine EC-1 touch sensor	+	-

BUSINESS

CAR SECURITY TELEMATIC SOLUTIONS

STARLINE S96 BT GSM GPS

STARLINE S96 BT GSM

STARLINE S66 BT GSM

Advanced smart security-telematic solution with Bluetooth Smart tags, GSM, GPS+GLONASS, CAN, Mobile App and remote start.



Delivery set and functions	S66 BT GSM	S96 BT GSM	S96 BT GSM GPS
Wireless Bluetooth tags (2 pcs)	+	+	+
2CAN+2LIN interface	+	+	+
GSM module	2G	2G	3G
GPS+GLONASS receiver	-	-	+
3D motion / shock / tilt sensor	+	+	+
Temperature sensor	+	+	+
Siren	+	+	+
Valet button with LED indicator	+	+	+
Autostart relay module	-	+	+

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BASIC

CAR SECURITY TELEMATIC SOLUTIONS

STARLINE E96 BT

STARLINE E66 BT ECO

STARLINE E66 BT MINI

Economy smart security solution with 2-way remote control, Bluetooth Smart tag, CAN and remote start.

GSM / GPS+GLONASS control and tracking in wireless connection with optional StarLine M66 tracking device.



Delivery set and functions	E66 BT MINI	E66 BT ECO	E96 BT
2-way LCD remote RF 868 MHz	-	+	+
Wireless Bluetooth tag (1 pc)	+	-	+
2CAN+2LIN interface	+	+	+
3D motion / shock / tilt sensor	+	+	+
Temperature sensor	+	+	+
Siren	+	+	+
Valet button with LED indicator	+	+	+
Autostart relay module	-	-	+

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SECURITY SYSTEMS FOR MOTORBIKES



STARLINE V67 STARLINE V66

Motorbike security-telematic systems with Bluetooth Smart tags, SuperSlave, PIN-code, hands-free, engine block, trunk protection, GSM GPS tracking, Mobile App.

STARLINE V63

Motorbike security system with 2-way remote, SuperSlave, PIN-code, anti-hijack, trunk protection.

Delivery set and functions	V63	V66	V67
2-way LCD remote RF 433 MHz	+	-	-
1-way remote RF 433 MHz	+	-	-
Wireless Bluetooth tags (2 pcs)	-	+	+
3D motion / shock / tilt sensor	+	+	+
Piezo siren	+	+	+
Magnetic sensor	+	+	+
GSM GPS+GLONASS tracker M17	-	-	+

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TRACKING DEVICES



STARLINE M66

Smart GSM, GPS+GLONASS tracker with Bluetooth Smart tags, CAN bus, StarLine mobile App, engine blocking, USB, dual external power 12/24V for cars and trucks.



STARLINE M18

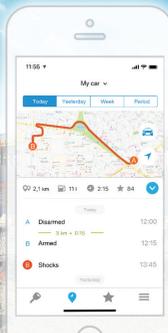
Multipurpose GSM, GPS+GLONASS tracking device with fast and easy connection into the lighter or USB socket.

Delivery set and functions	M66 S	M66 M	M18
Wireless Bluetooth tags (2 pcs)	-	+	-
CAN interface	+	+	-
GSM module	+	+	+
GPS+GLONASS receiver	+	+	+
LBS positioning	+	+	+
Internal 3D motion / shock / tilt sensor	+	+	+
External power	12/24V	12/24V	USB 5V

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TRACKING DEVICES



STARLINE M17

GSM GPS+GLONASS tracker with StarLine mobile App, engine blocking, internal backup battery, dual external power 12/24V for cars and trucks.



STARLINE M15

Stand-alone GSM GPS+GLONASS searching device with StarLine mobile App, waterproof housing and internal battery.

Delivery set and functions	M15	M17
GSM module	+	+
GPS+GLONASS receiver	+	+
LBS positioning	+	+
Motion sensor	+	+
Temperature sensor	+	+
Microphone	+	+
Internal battery	+	+
Waterproof housing	+	-
External power	-	12/24V

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IMMOBILIZERS

STARLINE i96CAN

Smart anti-theft immobilizer.

- Bluetooth Smart owner authorization by wireless tags and smartphone.
- Integrated 2CAN interface provides invisible digital engine blocking and authorization with original car buttons.
- Additional intelligent analog engine blocking by motion detection allows implement remote start without security deactivation.
- OBD protection.



Delivery set and functions	i96 CAN SMART	i96 CAN ECO	i96 CAN	i96 CAN LUX
Wireless Bluetooth tags	-	1 pc	2 pc	2 pc
3CAN interface	+	+	+	+
Buzzer	+	+	+	+
Valet button with LED indicator	+	+	+	+
Auxiliary relay module	standard relay	standard relay	StarLine R4	StarLine R6

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IMMOBILIZERS

STARLINE i95

Reliable anti-theft immobilizer system.

- 2.4GHz wireless tags, dialog code authorization, reliable engine blocking and hood lock control, hands free mode and optional interior control and indication module.
- Compact waterproof housing allows hidden installation in any place of engine compartment, such as inside of car wiring.



Delivery set and functions	i95 ECO	i95	i95 LUX
Wireless tags (2 pcs)	+	+	+
Central lock and hood lock control	+	+	+
Buzzer	+	+	+
Motion sensor	+	+	+
Hands-free option (keyless entry)	-	+	+
Interior control and indication module	-	-	+

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OPTIONAL EQUIPMENT



STARLINE R4, STARLINE R6, STARLINE R6 ECO

Under-hood relay modules provide reliable anti-theft protection with hidden analog engine blocking in engine compartment.

Functions	R4	R6 eco	R6
Bluetooth Smart	-	+	+
SL Bus digital interface	+	+	-
Motion sensor	+	+	+
Temperature sensor	-	-	+
Hood-lock control	+	-	+
Siren control	-	-	+
Engine blocking relay	1 x 10A	2 x 0,5A	1 x 10A

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Bluetooth Smart



Analog engine blocking



Hood lock control

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Motion detection



Waterproof housing



Compact size

OPTIONAL EQUIPMENT



STARLINE SIGMA 10

Innovative CAN and LIN bus reading — writing converting module provides quick, safe and convenient installation of any brand car alarms and comfort systems into the cars equipped with digital CAN and LIN bus. Supports:

read functions: doors, hood and trunk status, brake pedal and hand brake, state of ignition, accessories and OEM alarm, transmission position, engine state and others;

control functions: control on central lock, hazard lights, digital engine blocking.



STARLINE EC-1 capacitive touch sensor

Allows to implement keyless door and trunk unlock for the cars not equipped with original keyless system.

Can be used as a hidden secret button to control over security functions.



STARLINE L10 AND L11+

Hood lock reliably protects from unauthorized access to an engine compartment equipment, battery, wiring and accessories. Compatible with any car models and security systems.

Powerful and effective electric drive for locking mechanism control. Sealed locking mechanism housing and high quality rustproof parts ensure long life operating in severe climatic conditions without additional maintenance.



STARLINE BP-06

Key type immobilizer bypass module with use of the spare original key allows to implement remote engine start in the old car models, which are not supported with iKey keyless bypass technology via CAN bus.



ONLINE SERVICES

STARLINE.ONLINE

StarLine.online – Free and easy multilingual web monitoring service supports all StarLine solutions with GSM and lets all the users locate and control their cars from any place in the world.

StarLine Telematics

GSM interface and GPS+GLONASS navigation allows control over all security and service functions, adjust the device settings, locate vehicle position right from your starline.online account.

Event history

The comprehensive events log shows all your car state history for any selected day and period with easy report export in PDF.

Geofences and geotags

Convenient geofences function allows select any desirable area and receive notifications on crossing the determined borders.

Personal profile

Create your personal profile at starline.online account and receive notification on the selected events and software updates with email or push-messages.

Route tracking

Review the routes for any day and period with intuitive time, distance, speed, parking indication for every track with easy report export in PDF.

Safe authentication

Two-factor authentication, same as for bank services, guarantees that all confidential information is reliably secured.



[TRY DEMO AT STARLINE.ONLINE](#)

ONLINE SERVICES

STARLINE MOBILE APP

StarLine mobile application – simple and intuitive control over your vehicle security and comfort functions from anywhere with your smartphone.

StarLine Telematics

GSM interface and GPS+GLONASS navigation allows control over all security and service functions, adjust the device settings, locate vehicle position right from your smartphone.

Route tracking

Review the routes for any day and period with intuitive indication of time, distance, speed, parking for every track.

Bluetooth Smart control and authorization

Advanced Bluetooth Smart technology allows reliable owner authorization and control over all the security and service functions even out of GSM network (Available for iOS and Android smartphones with Bluetooth 4.2 version and above).

Event history

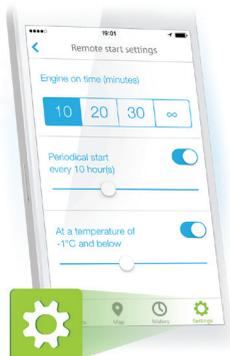
The comprehensive events log shows all your car state history for any selected day and period.

Smart remote start

Easy remote start control and setup by time or temperature brings you comfortable car climate. Auto start by battery voltage draining makes you sure your car is always ready for travel.

Safe authentication

Secured authentication with password, PIN-code, pattern lock or fingerprint guarantees that nobody will get an unauthorized access to your car control.



Available on the iPhone
App Store



Google play



ONLINE SERVICES

STARLINE SMART WATCH

StarLine Free Smart Watch App – simple and intuitive control over your vehicle security right from your smart watch application.

Use advantage of convenient control over security modes and vehicle status: arm and disarm alarm, start engine, view cabin and engine temperature, battery voltage, SIM balance with your smart watch and free StarLine App.

Smart notifications

Get the alerts on the events with your vehicle directly on wrist watch screen and be always in touch with your car.

Voice control

Use convenient voice control menu for fast and easy activation of desirable functions.

Multiple platforms

StarLine smart watch application is available for Apple Watch, Android Wear and Android Wear 2.0. Free application for Samsung Gear (Tizen) is under construction and will be available soon.

STARLINE MOBILE APP “I’M HERE!”

StarLine Free I’m Here App – free mobile tool to take care of your beloved persons.

Do you want to know where your child is right now? Are you worried about your elderly relative or dear person? Install the StarLine mobile app “I’m here!” to your native’s smartphone so that you’ll be always aware of your dear family location.

Smart geofences

Using the Geofence tool you may specify the particular area on the map (for example the way to school) and receive notifications when your child arrives or leaves this place.

Flexible settings

You may run this app on preset schedule: choose the week days and time of monitoring start and stop.

Emergency alert

Special SOS button allows your dear people to contact you in case of any accident by instant SMS or push message or one-touch call to the phone number preset at starline.online



STARLINE FLEET

StarLine Fleet — innovative service, which saves money on upkeeping your fleet and helps to increase your profit.

Flexibility

Quick fleet setup and activation, smart notification, works on any desktop or mobile device, quick reports output and convenient integration to corporate software.

Tasks

A lot of route points, information on the mileage and fuel consumption during a trip, notifications on arrival, route and geofence deviation or overspeed. And the routes planning coming soon.

Control

Take control on your fleet security and service functions, location, tracking, speed and parking, mileage, geofences, fuel consumption, engine work hours and car technical state.

Tracks and parking history

Report on the passed tracks can be downloaded, printed, shared and exported to any aside monitoring platform in GPX format.

Train to drive safe

The driving style evaluation allows reduce road accidents probability, maintenance and repair expenses and increase the clients loyalty.

Geofences

The unlimited amount of geofences of various form and square can be created and grouped. Geofences can be also created by an address or route.

The roles sharing

Flexible system of access rights sharing for admin, managers, accountants, dispatcher, drivers and clients.

Reports

Detailed reports on trips and parking, fuel consumption, engine work time, vehicle speed and mileage can be easily created, exported to PDF, CSV, XLS, ODS and sent to email.

[TRY DEMO AT DEMO.SLON.VIP](https://demo.slon.vip)



STARLINE AUTONOMOUS CAR PROJECT

In 2017 ScPA StarLine introduced the new ambitious project of autonomous car developing. During the passed time all the world known self-driving research practice was studied, the car matching the technical tasks was chosen and equipped with the most advanced and accurate navigation and detection devices: radars, lidars, stereo cameras, precise satellite navigation system, CAN converters, high efficiency processor and so on. The particular car engine and drive control algorithms were fully learned and adopted to the self drive control software.

After months of huge and tense work the car become ready to completely autonomous self-parking, road lane keeping and changing, turning, keeping a distance before ahead cars, the road conditions evaluation and detecting the pedestrians, fully self-driving on the speed up to 60 km/h.

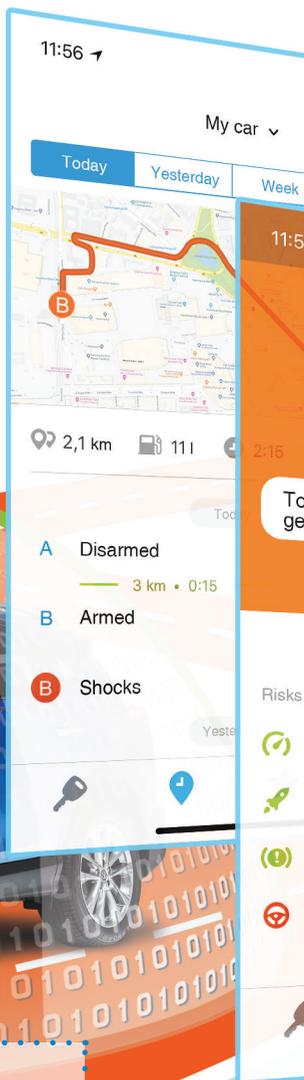
As a result StarLine self-driving car successfully passed the public test drive took place in Krasnodar Region of Russia on May, 2018, along with other developers teams and got the highest evaluation of colleagues, experts, media and Russian authority representatives.

Now StarLine has launched the 2nd stage of the project with researching and developing the new software and web server tools for autonomous driving. This project has a goal of involving the enthusiasts from all over the world to take part in creating the completely new Open Source Car Platform (OSCAR) which assumes developing the universal algorithms of car driving control, various detecting equipment combined control and integration, accurate evaluation of road conditions, traffic, precise maps navigation and so on.

These all serious achievements and plans let the StarLine team join the club of global leaders in new generation transport and infrastructure developers.

**WELCOME VISIT THE PROJECT WEBSITE
SMARTCAR.STARLINE.RU
AND LEARN MORE ABOUT OSCAR**

www.alarmstarline.com



CONTACT YOUR LOCAL STARLINE DISTRIBUTOR