

iRidium mobile one control solution



- Any System
- Any Panel
- Your Design

What is iRidium?

iRidium is software package designed to control home, commercial and industrial automation from mobile platforms, based on iOS, Android, OS X, Windows 7/8.

What Can iRidium Control?

iRidium controls:

- smart homes
- smart offices, hotels, hospitals, etc.
- industrial systems

based on any of the following automation systems or any combination of them

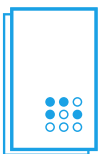
MyHome HDL-BUS Pro Domintell AMX
KNX AV & Custom Systems EPSNET
Modbus Crestron Helvar Beckhoff Clipsal Duotecno

iRidium mobile programmers developed drivers for each of the protocols in close collaboration with manufacturers of equipment. Thus, iRidium controls these automation systems like a fully-functional native app.



- various Audio/Video equipment

Thanks to integration with Global Caché and a pre-set base of devices iRidium controls almost any Audio/Video equipment.



Sonos
XBMC
iTunes
Squeezebox

- Media Servers

Ready modules for Media Servers allow to control these services from the same app that controls the whole house from a tablet or a smart phone, unlike other solutions of the kind.

What Devices Does iRidium Control From?



Windows iOS Android OS X

Any tablet or a smart phone, based on iOS, Android, OS X, Windows 7/8 with iRidium app, becomes a universal remote to control a smart home, office, hotel, etc. or an industrial system. iRidium app works equally fast on all platforms.

iRidium App is available for free download from App Store & Google Play.

What Does User Interface Look Like in iRidium?

iRidium has ready interface designs. iRidium stylish interfaces can be used as they are, or can serve as a basis for creating custom-tailored interfaces in iRidium GUI Editor.



iRidium GUI Editor can create any interface, that pleases customers' tastes and demands. Customers can choose the color and the image of the background; the colour, shape, location and text of buttons; sound effects, animation effects and so on.

iRidium GUI Editor is available for free download at the developer's web-site.

What To Pay For?

The editor and the app for mobile devices are free for download. So, there appears a question, "What to pay for?" In iRidium integrators pay for the tool, that connects iRidium control interface on a mobile device and equipment – **iRidium license**.

There are **2 types of licenses**: Device license and Site license.

Device license (license for a control panel) enables one control panel, a smart phone or a tablet based on iOS/Windows/Android/OS X, to control automation equipment of the chosen type.

Site license (license for a controller) enables any number of control panels, smart phones or tablets, based on iOS/Windows/Android/OS X, to control automation equipment of the chosen type.

iRidium has special **Full license**. It enables control of any supported automation equipment.

2 types of Full license: Full Device license and Full Site license.

Full Device license (license for a control panel) enables one panel to control of any supported automation equipment.

Full Site license (license for a controller) enables any number of panels to control of any supported automation equipment.

What Can iRidium Control in Smart Homes & Smart Buildings?

iRidium controls all engineering systems of a smart home & a smart building:

- climate
- lighting
- blinds
- audio-video equipment
- security systems, etc.



iRidium enables creation of **scenarios and sequences of work** of all equipment of a smart home & a smart building. Any building has actions that are regularly repeated, but they do not require attention or involvement of the user. For maximum comfort and convenience all equipment can be programmed for successive or simultaneous work in the necessary mode on a definite day at a definite time.

iRidium can control expenses, spent on lighting and heating of a smart building. Automatic switching off the light, when the light level of the room is optimal, enables **high-quality energy management**. Automatic power decrease of heaters or conditioners in a smart building at night, when there is no need to heat or cool it as much as in the daytime, brings **energy-efficiency** on a new level.

How is iRidium Used in Controlling Industrial Processes?

In industry iRidium is used as a tool to visualize control of industrial processes. So, in any part of the world iRidium can on-line :



- display the current state of technological processes;
- notify about emergencies;
- demonstrate the system and its capabilities to potential customers.

iRidium-based Project in Industry



Reservoir park

Company: [Endress+Hauser](#)

Web-site: www.ru.endress.com

Location: [Moscow, Russia](#)

Equipment: [Modbus](#)

What Does iRidium Offer Corporate Clients?



iRidium offers **corporate clients** creating Branded Apps. You, an integrator or a manufacturer, can have your own iRidium-based app on App Store and Google Play. It works for you non-stop. Your customers always know that they use YOUR product.

Custom-tailored Solutions on iRidium

You have unique ideas or projects about customized use of iRidium. But you need help with advanced programming. Or, perhaps, you want to change something in the software. iRidium mobile team is ready to provide this service.



Princess M Control – iRidium-based app to control entertainment, lighting & air conditioning systems on cruising yachts.

IDEA: To let guests control the rented yacht from their own iPads/iPhones for the term of the rent only.

REALISATION: Unique authorization system – the license for control panels is valid for the rent term only.

Simple access to control – access in one click only.

EQUIPMENT: AMX (bound the serial number of AMX controller of each yacht)

Princess M Control allows adjustment of every setting: temperature, television, background music & lighting moods in the saloon and individual cabins, before even stepping on board.

Available on the App Store.



Re-Control – iRidium-based app to control environment systems in hospitals.

IDEA: To let bed-bound patients control audio/video devices, lights, doors, intercom, etc. with just a single button.

REALISATION: One Button Control – all systems are controlled without touching the screen of iPhone/ iPad.

EQUIPMENT: KNX

Re-Control allows bed-bound patients to control their entire environment. They look on the radial menu on iPad/iPhone and push a button, when an active element is on the required icon. And they get into another radial menu for controlling light, temperature or any other equipment. Thus, bed-bound patients feel full-fledged members of society.

Stand out with your unique iRidium-based solution in a number of similar offers to the market.

What Differs iRidium from Similar Solutions?

Driver Development Kit

Tool to create new drivers

—DRIVER

— iRidium Driver
Development Kit!



iRidium has a tool that creates drivers to control any protocol, automation system and any device, that are not in the iRidium base of supported equipment – DDK (Driver Development Kit). A driver to control any equipment can be created with iRidium Script. The created driver is fully-functional. It can send commands to the controlled equipment as well as receive feedback from it.

Interface Wizard

Interface in 2 minutes



In iRidium every engineer and integrator can quickly and independently create a beautiful intuitive interface in Interface Wizard. In the Wizard an integrator can choose one of iRidium ready interface designs and get a project with ready pages. What is left to do is to choose necessary pages and popups and set up show popup rules. And a stylish intuitive interface is ready.

Notification

Smart home is always in touch



With iRidium a user can get notification on iPad / iPhone that an event happened in a smart home, reaction to which is programmed in the project. For instance, a leakage indicator, a smoke detector or a movement sensor has gone off, or somebody is ringing the Intercom. Even if iRidium app is minimized, iRidium notification system for iOS will attract users' attention with a sound, label or a banner on the screen of iPad or iPhone.

Stream video

Smart home is under total control

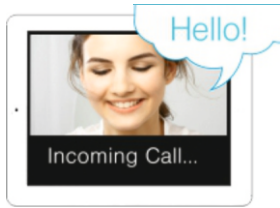


MJPEG
H.264

Modern DVRs, ip-cameras and intercom (mobotix) panels can be used in iRidium projects. Stream video support of H.264, mpeg4, JPEG, mjpeg formats and of RTSP, HTTP protocols enhances the choice of equipment for the project. Improved work with RTSP cameras allows to display images not from 1, but from 5-6 cameras on one page of the project.

SIP-Intercom

Intercom control from any part of the world



iRidium module for SIP-Intercom turns iPad, iPhone, Android, Windows and Mac into fully-functional panels for video-intercom, audio-intercom and IP-telephone. Users can see on a smart phone or a tablet who is at the door. They can talk to visitors and, if necessary, open the door. Besides, iRidium module for SIP-intercom enables phone calls to other subscribers of the same IP-PBX, no matter where they are.

Media-Servers

Easy control of beloved services from the same app with the whole house

SÖNOS

iTunes

xbmc

Squeezebox

iRidium enables control of Media Servers from the same interface, that controls the whole smart home. Ready modules for Media Servers allow users to enjoy their favorite music or films, without closing or minimizing iRidium app. Graphic capabilities of iRidium GUI Editor can create any interface to control the chosen music service.

Multi design

Control several projects from one panel



A user may have several automated objects, for instance, a house, an office and a countryside cottage. Each of them has its own control interface. It has to be uploaded on the control panel, when approaching the house. It's not convenient. iRidium app on a user's smart phone or tablet can store as many projects as necessary. And a user can switch among them by pushing one button only.

How to Earn with iRidium?



An interface, created for a definite client, together with iRidium unique capabilities raise the level of projects up to custom-tailored elite ones. Individual character of the project as well as realization of a customer's wishes and whims make projects more valuable. Thus, integrators have every ground to value their work highly.

iRidium-based Projects

Smart Homes



Townhouse

Company: [Luxury Systems](#)

Web-site: www.luxurysystems.ru

Location: [Moscow, Russia](#)

Equipment: [Modbus](#)



Private Residence

Company: [ELSPACE](#)

Web-site: www.elspace.spb.ru

Location: [St. Petersburg, Russia](#)

Equipment: [KNX](#)



House of Rock

Company: [DomVision Inc.](#)

Web-site: www.domvision.com

Location: [Los Angeles, USA](#)

Equipment: [KNX](#)



3-storeyed House

Company: [SIA "AV Experts"/Unisons](#)

Web-site: www.unisons.lv

Location: [Riga, Latvia](#)

Equipment: [Domintell](#)



Private Apartment

Company: [SBUS-Automação](#)

Web-site: www.sbus-automacao.com.br

Location: [Brazil, São Paulo](#)

Equipment: [HDL-BUS Pro](#)

Smart Buildings



Showroom

Company: [IntelligentBuildings](#)

Web-site: www.intelligentbuildings.ro

Location: [Timisoara, Romania](#)

Equipment: [AMX](#)



New Management Center of Son San Juan Airport

Company: [Gesab s.a.](#)

Web-site: www.gesab.com

Location: [Palma de Mallorca, Spain](#)

Equipment: [KNX](#)



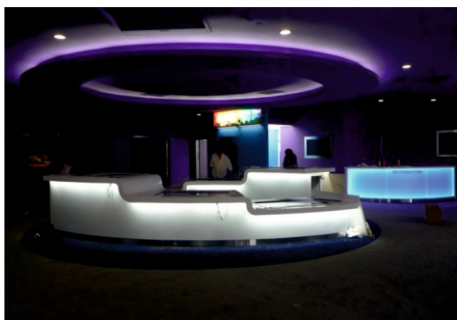
FIESP Project: Conference Hall

Company: [S-Bus Automacao](#)

Web-site: www.sbus-automacao.com.br

Location: [São Paulo, Brazil](#)

Equipment: [HDL-BUS Pro](#)



Exhibition Stand: Movie Theatre

Company: [LINK Digital Technology Co., Ltd](#)

Web-site: www.linkservice.com.tw

Location: [Shanghai, China](#)

Equipment: [AMX](#)



Residential Compound of (39) Luxury Villas

Company: [LOTUS GROUP](#)

Web-site: www.lotusgroup.com

Location: [Alexandria, Egypt](#)

Equipment: [KNX](#)

“ **Matthijs Dankelman,**
engineer, Lumio Installatietechniek

What I like about iRidium is that I can control everything in the net with it. We integrated KNX with Modbus, and iRidium works perfectly with both protocols!

“ **Dmitry Korolev,**
CEO, Luxury Systems

This product allows fast and high-quality visualization and control of Smart Home, although Modbus is an industrial protocol. I have been using iRidium Mobile software package for over 3 years, I am very happy with the results. I advise it to everybody!

“ **Andreas Deinzer,**
engineer, Building Technologies Division, Siemens AG

From my personal experience with iRidium I can say that it is solid software that functions with no failures. I can fully rely on it, and it is convenient to work with. The import possibility from AMX and KNX native editors to iRidium GUI Editor saves time on project set up. iRidium also offers free on-line courses to help integrators master this software. And technical support is highly professional, any difficulty is solved efficiently. iRidium mobile is a reliable company with good future.

iRidium Partners



iRidium Distributors

iRidium has a growing net of distributors in Russia, Taiwan, China, the Netherlands, Germany, the Czech Republic, Canada, Mexico, Israel, Norway, South Korea, Brazil, Australia, New Zealand, etc.

Membership in International Automation Associations

iRidium mobile is a member of KNX Association and Cedia.



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