

iRidium mobile
one control solution

HDL[®]
buspro

iRidium for HDL BusPro



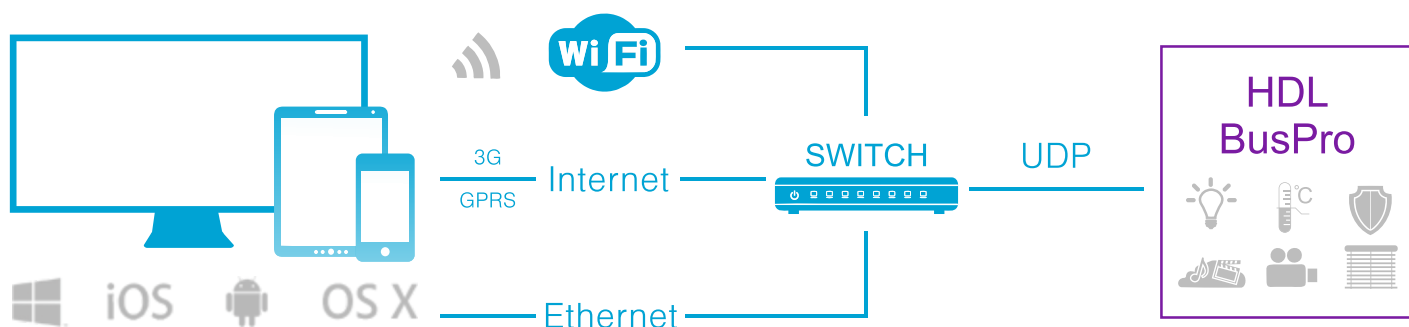
iOS



OS X

What is iRidium for HDL BusPro?

iRidium for HDL BusPro is iRidium driver designed to control HDL BusPro system and Audio/Video equipment from mobile platforms, based on iOS, Android, OS X, Windows 7/8.



What Can iRidium for HDL BusPro Control?

iRidium controls:



Smart homes



Smart offices



Smart restaurants, hotels, hospitals, etc.

based on **HDL BusPro** system or **combination of HDL BusPro with the following automation systems:**

■ AV & Custom Systems

■ KNX

■ AMX

■ Crestron

■ Modbus

■ C-Bus

■ MyHome

■ Beckhoff

■ EPSNET

■ Helvar

■ Domintell

■ 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.

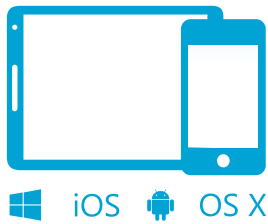


Sonos
XBMC
iTunes
Squeezebox

■ 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 for HDL BusPro Control From?



Any tablet or a smart phone, based on iOS, Android, OS X, Windows 7/8 with iRidium app, becomes a universal remote to control Smart home, office, hotel, etc. 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. Stylish iRidium 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 color, shape, location and text of buttons; sound and animation effects, etc.

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 basic 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 HDL BusPro automation equipment.

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 HDL BusPro automation equipment.

Special Full License

Full license enables control of any supported automation equipment.

iRidium has **2 types** of Full licenses:

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 & Buildings?

iRidium controls all engineering systems of Smart home & building:

- climate
- lighting
- blinds
- Audio/Video equipment
- security systems, etc.



iRidium enables creation of **scenarios and sequences of work** of all equipment of Smart home & 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 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 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.

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.

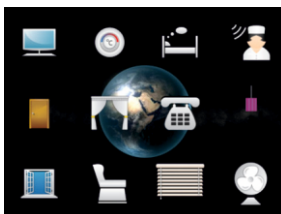
REALISATION: Unique authorization system – the license for control panels is valid for the rent term only.

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 one button.

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

EQUIPMENT: KNX

Re-Control enables 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.

Advantages of iRidium for HDL BusPro

Scan Function

Easy set-up of HDL projects



Scanning of HDL BusPro net saves time on the setup of the project. When the scanner is on, all devices in the same IP-net with PC where the scanner is on are found and added to the project. The found devices already have all necessary preset commands and are displayed in Device Tree in iRidium GUI Editor. And even more, a list of preset HDL BusPro devices can be imported from one iRidium project to another.

Remote Connection to HDL

Control from any part of the world



No matter where a user is at home, at work or on the way to some place, he or she can control Smart home or Smart office from a personal smart phone or a tablet. Thanks to iRidium, HDL BusPro system can be controlled not only via a local net, but also via the Internet (Wi-Fi, 3G, GPRS).

Z-Audio Control

Functional control of a popular audio-server



Having scanned HDL BusPro net or having added Z-Audio server into a project manually, you get fully-functional control over music. Music can be played from SD-card, FTP-server, radio and other sources if necessary. A user can see names of playlists and tracks, the number of a track in a playlist, the number of a playlist. iRidium makes it possible to display lists of folders stored on SD-card or FTP-server and to navigate in folders.

DMX Control

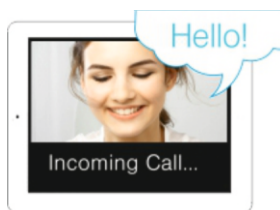
RGB diodes under control



With the help of Color Picker you can set and change the color of LED tape. You can also control the brightness of LED tape and program transition from one color to another at a required speed.

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

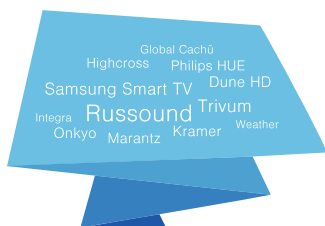
Easy control of beloved services from the same app with the whole house



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.

JS modules

Use any A/V equipment in your project



JS modules, drivers to control a certain type of A/V equipment, can be easily integrated in to a ready project or a project at work. If necessary, the ready driver and its interface can be modified to suit wishes and requirements of a particular customer.

You can also make your own JS module to control the type equipment that you need.

[A complete list of ready JS modules is here](#)



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.

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.

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 interfaces 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 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.

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.

iRidium-based HDL BusPro Projects

Smart Homes



Private apartment

Company: [S-Bus Automacao](#)

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

Location: [Brazil, São Paulo](#)

Equipment: [HDL BusPro, A/V equipment](#)



Private residence Hollywood

Company: [GTECHDL](#)

Location: [Lisburn, the UK](#)

Equipment: [HDL BusPro](#)



Smart offices, hotels



Condo Building: Windsor Signature Tower

Company: [HDL](#)

Web-site: www.hdlchina.com

Location: [Jakarta, Indonesia](#)

Equipment: [HDL BusPro](#)



CRQ Auditorium

Company: [S-Bus Automacao](#)

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

Location: [Brazil, São Paulo](#)

Equipment: [HDL BusPro, A/V equipment](#)



Sales Stand Esser

Company: [SBUS-Automação](#)

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

Location: [Brazil, São Paulo](#)

Equipment: [HDL BusPro, A/V equipment](#)

Feedback from HDL BusPro Integrators:



Edward Arakelov,
CEO, BMS-Trading

The release of iRidium 2.1 has been long expected, though the previous version is in demand. We have already tested the new product in a real project. And I can say with confidence that, the new version is not a minor change of the previous solution, it's a step up onto a higher level of development.



Steve Vassiliadis,
manager, SmartTouch

I advise iRidium to all HDL dealers, because you can completely change your interfaces, integrate HDL with A/V. And you always get superb technical support!

How to Master iRidium for HDL BusPro?

iRidium Academy

Interactive free on-line trainings



Free webinars teach you to work with iRidium, to set control of HDL BusPro equipment and to make your own interface. After the training, if you do the trainer's task successfully, you get iRidium Specialist Certificate and are displayed in the "Find a Certified iRidium Specialist" section of iRidium web-site.

More information about the webinar is here:



iRidium wiki

Clear instructions on setting HDL BusPro equipment



iRidium wiki information system is a detailed description of iRidium software package, and step by step instructions on setting connection with HDL BusPro equipment. Clear and precise instructions guide you through all stages of project creation.



Contact Information:

Web-site:

www.iridiummobile.net

E-mail:

contact@iridiummobile.ru

iRidium Partners



iRidium Distributors



Certified iRidium Specialists

"Find a Certified iRidium Specialist" section of iRidium official web-site displays information about Certified iRidium Specialists in your country.

You can also get into this list, and information about you and your company will be available to end-users, construction companies, contractors and other interested parties.

Learn how to do it in "Find a Certified iRidium Specialist" section

