iRidium mobile
one control solution
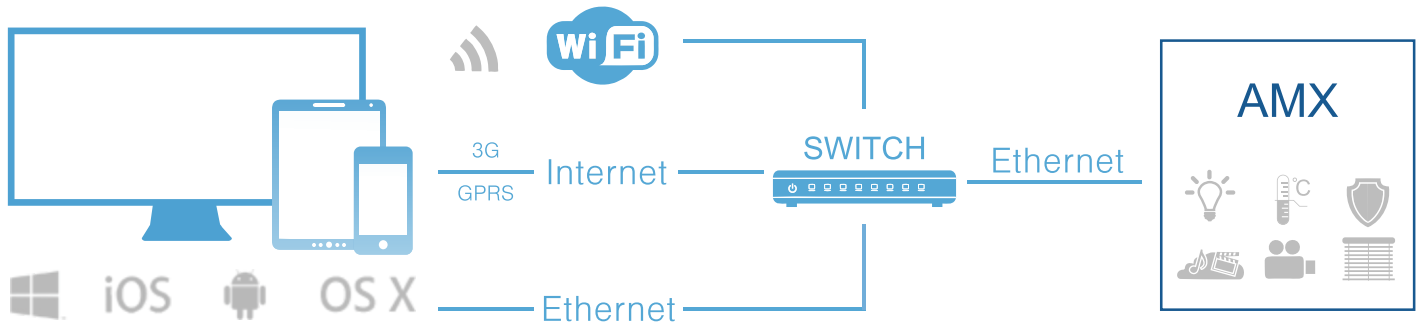
iRidium for AMX

iOS   OS X

What is iRidium for AMX?

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

What Can iRidium for AMX Control?

iRidium controls:

 Smart homes

 Smart offices

 Smart restaurants, hotels, hospitals, etc.

**AMX can be integrated in one project with other control protocols, such as**

- AV & Custom Systems
- KNX
- HDL BusPro
- 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 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.
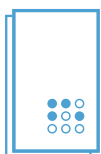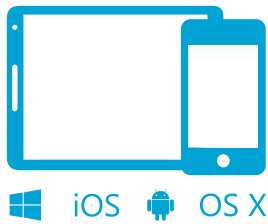
Media Servers

Sonos
XBMC
iTunes
Squeezebox

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 AMX 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.

iOS   OS X

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 AMX 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 AMX 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 AMX

Import of TPDesign4 Projects
Fast setup of AMX projects

A ready TPD4 project can be imported into iRidium with all settings and commands. If necessary, command settings can be easily changed in iRidium GUI Editor. Furthermore, you can create new events, types of graphic items, macros and scenarios without additional AMX programming.
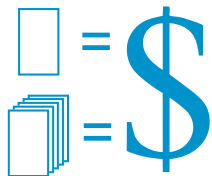
Creating Dynamic Lists in TPDesign4
Easy control of media contents

Dynamic lists can be created directly in TPDesign4 by means of a set of IRLB commands for AMX. Dynamically filled lists give you fully-functional control of media-servers, and any audio-video contents of the customer.

Several AMX Controllers in One Project
More functions – fixed price

In iRidium, unlike TPDesign4, you can control several AMX controllers. But the price of the license remains the same. No matter what license you choose to control AMX installation with several controllers, Device license or Site license, you buy it at a regular price.

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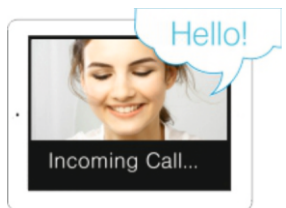
iRidium module for SIP-Intercom turns iPad, iPhone, Android, Windows and Mac into fully-functional panels for video-intercom, audio-intercom and IP-telephone. Users can see on a smart phone or a tablet who is at the door. They can talk to visitors and, if necessary, open the door. Besides, iRidium module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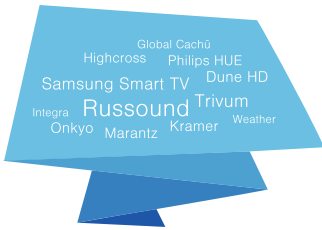
Media Servers
Easy control of beloved services from the same app with the whole house

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

Global Cachü
Highcross   Philips HUE
Samsung Smart TV   Dune HD
Integra   Russound   Trivum
Onkyo   Marantz   Kramer   Weather

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.

How to Master iRidium for AMX?

iRidium Academy

Self-training at any time you want

Video lessons teach you to work with iRidium and to make your own interface. After a course of study, if you do the test successfully, you get iRidium Specialist Certificate and are displayed in the "Find a Certified iRidium Specialist" section of iRidium web-site.

More about self-training here

iRidium wiki

Clear instructions on setting AMX equipment

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

Comparison: iRidium vs TP Control

Products	iRidium	TP Control
Software solution	✓	✓
Panels	iOS Android Windows Mac	iOS Android Windows
Flexible interface	✓	✓
Template for creating interfaces	TPDesign4 iRidium GUI Editor (wide graphic capabilities and functions)	TPDesign4
Ready-made script modules	✓	✖
Intercom support	SIP (Mobotix, 2N)	AMX-Intercom
Cloud	✖	✓
Push-notifications	✓	✓
Site license	✓	✖
Supported video formats	MJPEG H.264	MJPEG
Support of protected connection	✓	✓
Price	(one coin)	(many coins)

iRidium-based AMX Projects

Smart Homes

BeeToo Home

Company: EST Ltd.
Web-site: www.beetoo.me
Location: Russia, Moscow
Equipment: AMX

Smart offices, hotels

Library

Company: IntelligentBuildings
Web-site: www.intelligentbuildings.ro
Location: Timisoara, Romania
Equipment: AMX, KNX

Residential Compound of (39) Luxury Villas

Company: LOTUS GROUP
Web-site: www.lotusgroup.com
Location: Alexandria, Egypt
Equipment: AMX & ABB with the KNX bus

Exhibition Stand: Movie Theatre

Company: LINK Digital Technology Co., Ltd.
Web-site: www.linkservice.com.tw
Location: Shanghai, China
Equipment: AMX

Feedback from AMX Integrators:

Dmitry Ryzhkov,
development director, iSmart-Engineering Co. Ltd.

With the new iRidium 2.1 control of "Smart Home" is faster, more convenient and more reliable. New capabilities and prospects of this app make it a brilliant tool for creating any technological masterpiece, limited only by your imagination.

iRidium Partners

CRESTRON.

HDL® Height · Dedicated · Leading

CLIPSAL by Schneider Electric

MY HOME legrand

Global Caché

Domintell

WEINZIERL

duo tecno

TECO Advanced Automation

ELKO ep

tci ambiento

HIGHCROSS

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