

## C o n t

**iRidium** is the software package for controlling equipment of Residential and Commercial Automation, security and multi-media. It enables work with different automation equipment via one user interface of any complexity. The control interface can be launched on iPad, iPhone, Android, Windows and Mac OS X devices.

All components of the iRidium software package are free. You can buy [licenses](#) to control automation systems.

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◆ [How to start work with iRidium](#) ◆

**iRidium for PC** - development of visualization interfaces

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<a href="#">iRidium GUI Editor</a> the editor of graphic interfaces	<a href="#">iRidium Transfer</a> for uploading interfaces on control panels
<a href="#">iRidium Gate</a> the software gateway for some systems	<a href="#">iRidium Util</a> the util software for Site licensing

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**iRidium for control panels** - launch of ready interfaces

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<a href="#">i2 Control</a> the client application iOS, Android, Windows, Mac OS X
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## Instructions for Controlling Equipment

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## C++ Solutions for automation

Ready solutions (drivers) for automation equipment are included in the standard iRidium data base. You can use any of them and set up control of equipment in [GUI Editor](#). Each solution (driver) can be set up for working with the required number of variables via any visual interface.

<a href="#">AV &amp; Custom Systems</a>	<a href="#">Crestron</a>	<a href="#">HDL-BUS Pro</a>	<a href="#">EPSNET (TECO, iNELS)</a>
<a href="#">Global Cache</a>	<a href="#">KNX</a>	<a href="#">Modbus</a>	<a href="#">Clipsal (C-bus)</a>
<a href="#">AMX</a>	<a href="#">KNX IP BAOS</a>	<a href="#">Domintell</a>	<a href="#">Helvar</a>
<a href="#">SIP Telephony</a>			

Beta-versions: [My Home](#), [Lutron](#), [Duotecno](#)

## JS Ready iRidium Script modules

An iRidium module is a control interface and a script driver created on the basis of "[AV & Custom Systems](#)". Ready modules are used for controlling the systems which are not included in the iRidium list of ready solution for automation. The modules are preset for sending commands and receiving feedback from equipment (see [Operation Principles of iRidium Drivers](#)). There is also a set of modules meant for improving appearance of your projects (clock, calendar, weather, etc.)

<a href="#">Ready iRidium Script modules</a>	<a href="#">iRidium Script API</a>	<a href="#">iRidium DDK</a>
With iRidium you can control <a href="#">Sonos</a> , <a href="#">iTunes</a> , <a href="#">XBMC</a> , <a href="#">Squeezebox</a> , <a href="#">Global Cache</a> , <a href="#">Dune HD</a> , <a href="#">Denon</a> , <a href="#">Highcross</a> , <a href="#">Kramer</a> , <a href="#">Russound...</a> and many other types of equipment. Use ready drivers or create drivers yourselves.	API (Application programming interface) - the set of classes, methods, functions and events enabling you to receive access to graphic interface items and driver system of iRidium projects to control automation systems.	DDK (Driver Development Kit) - the set of development tools allowing you to create a driver for controlling any equipment. It includes the editor of Device Base, API for accessing the driver system, instructions for writing drivers and examples of ready drivers.

## Licensing

An iRidium license is required for the ready project to connect to the automation equipment. Without a license only the graphic part of the project and interface scripts are functional.

### **Licensing**

the process of iRidium Key activation. The result of this process is receiving iRidium license file (\*.irl), which enables connection to the controlled equipment. The license file is uploaded on the control panel together with iRidium project

- ◆ [How to choose a license?](#) ◆ [How to buy a license?](#) ◆
- ◆ [How to activate and use a license?](#) ◆
- ◆ [How to get HWID and Serial number?](#) ◆



**Device license** It enables one panel to control the type of equipment you selected when purchasing the license. By default, any license of this type supports [AV & Custom Systems](#).



**Site license** It enables any iRidium panel to connect to one licensed controller (AMX, Crestron, KNX, KNX IP BAOS, HDL, Global Cache, Helvar). The license supports [AV & Custom Systems](#) when the controller is Online.

## **iRidium Academy: Trainings and Video-lessons**

### [iRidium Academy](#)

is an educational resource created for providing high-level knowledge for iRidium users. They can study [with iRidium trainers](#) (On-line webinars about working with iRidium) and [individually](#) (video-lessons and testing). After successful completion of the course you can be certified as "iRidium Specialist" and receive such bonuses as free licenses and sample GUIs.

[On-line trainings \(with trainers\)](#)

[Self-training \(video-lessons\)](#)

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