

iSMA Tool

Working with iSMA-B-AAC20 simulator

User Manual

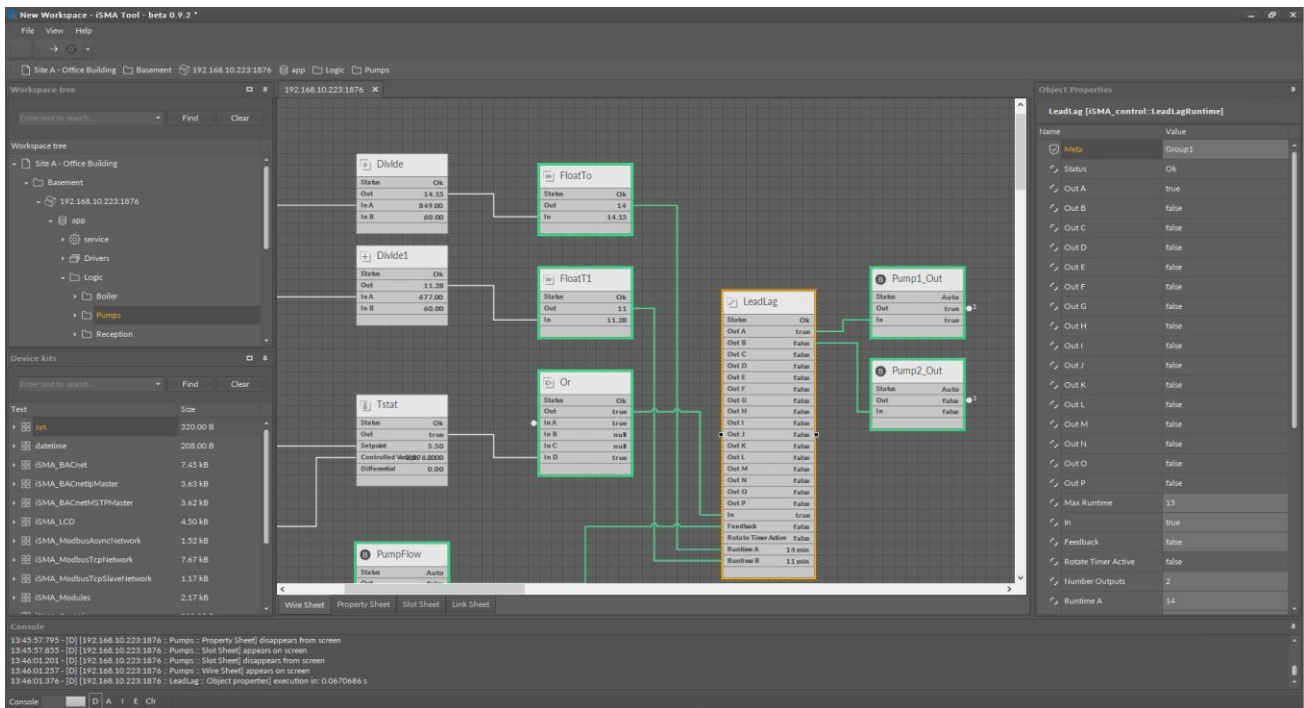


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1. Software requirements

Thanks to iSMA Tool software iSMA-B-AAC20 device can be programmed in the offline mode using iSMA-B-AAC20 simulator. The latest simulator can be downloaded from here:

<https://support.gc5.pl/iSMA-B-AAC20/Software%20Bundle/>

Windows compatibility – Simulator is an application intended for Windows Operating System only, which can be run on Windows 7, 8 and 10 series.

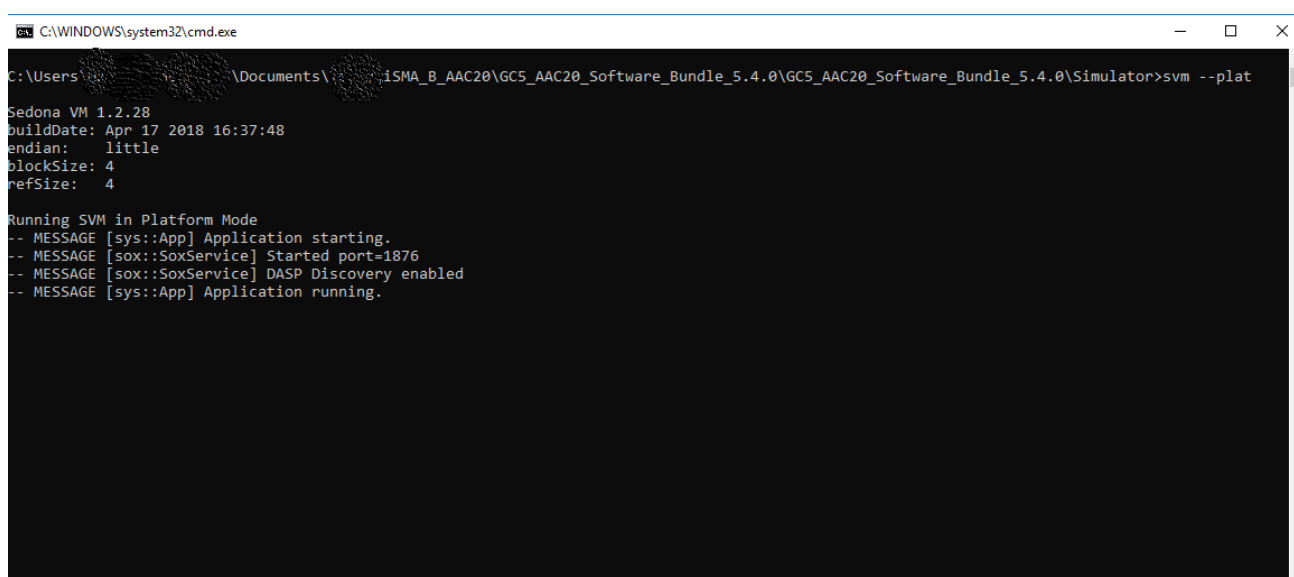
2. Running an app on a simulated device

The Sedona Device Simulator tool lets run the Sedona app on iSMA Tool as a "simulated device" using the Sedona device vendor-supplied simulator SVM (Sedona virtual machine).

This procedure describes how to run an app in the Sedona Device Simulator.

Prerequisites:

Run bat file "run" from Simulator folder to launch the simulator program



```
C:\WINDOWS\system32\cmd.exe
C:\Users\... \Documents\... ISMA_B_AAC20\GC5_AAC20_Software_Bundle_5.4.0\GC5_AAC20_Software_Bundle_5.4.0\Simulator>svm --plat
Sedona VM 1.2.28
buildDate: Apr 17 2018 16:37:48
endian: little
blockSize: 4
refSize: 4
Running SVM in Platform Mode
-- MESSAGE [sys::App] Application starting.
-- MESSAGE [sox::SoxService] Started port=1876
-- MESSAGE [sox::SoxService] DASP Discovery enabled
-- MESSAGE [sys::App] Application running.
```

Figure 1 – Launch the simulator

Open a direct Sox connection using localhost in iSMA Tool. Select Add Device.

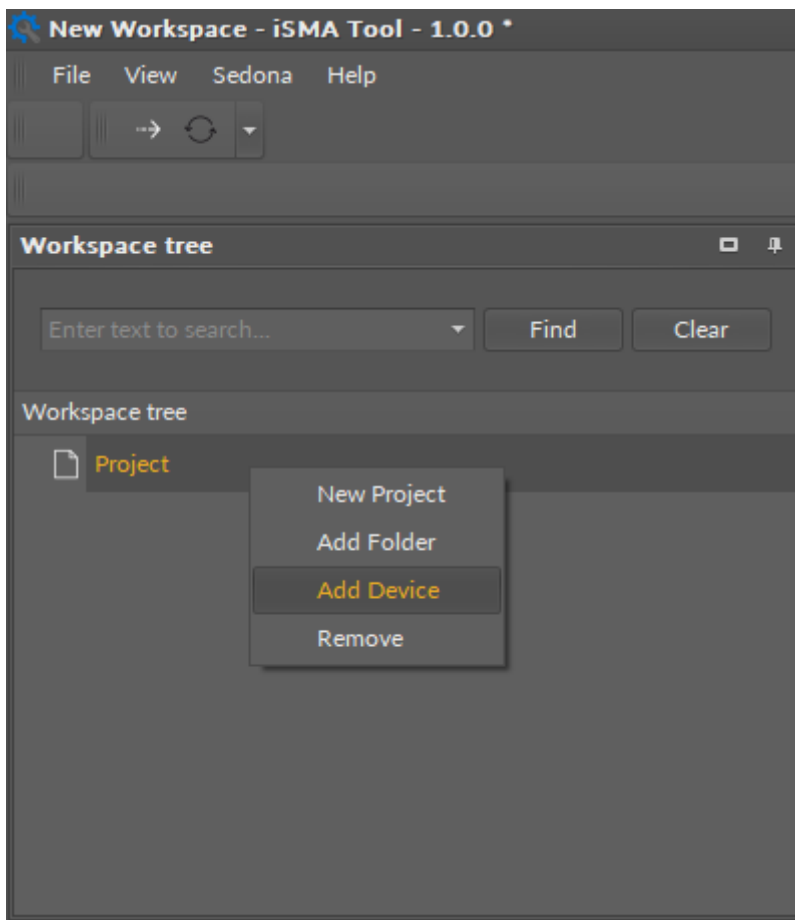


Figure 2 – Add device

In the Connect dialog box, for Host IP, enter: localhost. In the User name and Password fields, enter the credentials used in the new app file that has been created, and click Finish.

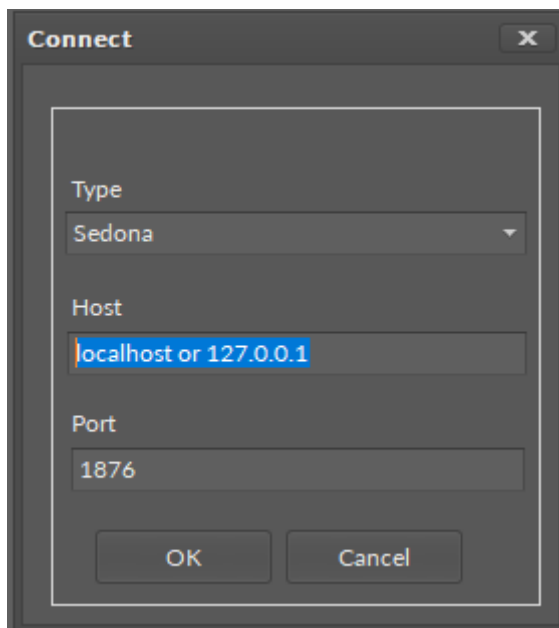


Figure 3 – Write Host name

If the sample app is used on the sample simulator, below credentials should be entered:
Username: admin Password: <blank>.

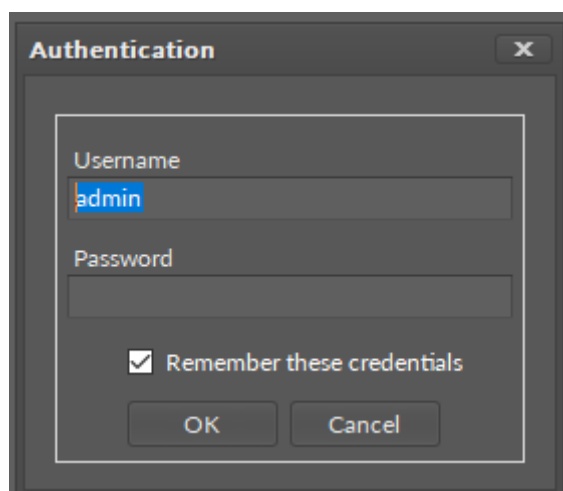


Figure 4 – enter credentials

Finally, there is a direct Sox session connection to the app running in the simulated device, as shown below:

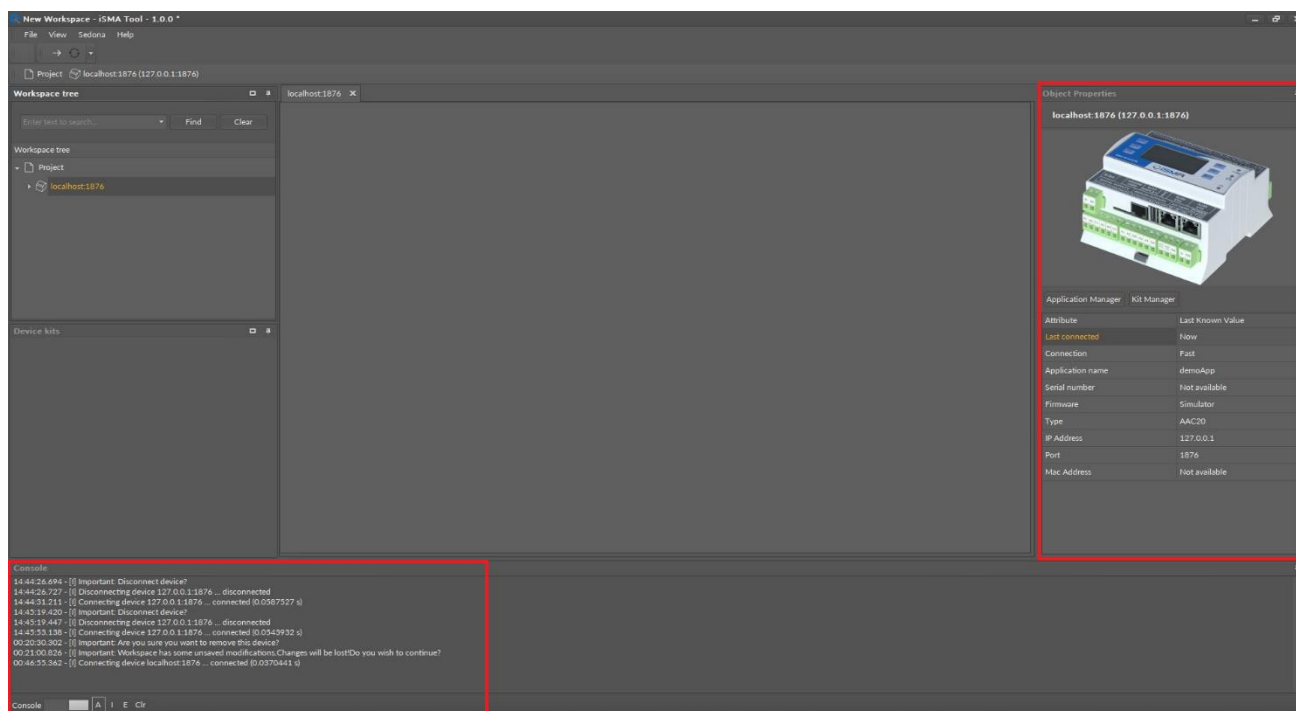


Figure 5 – connected simulator

3. Making provisioning changes to the app running on a simulated device

This procedure provides an example of making provisioning changes in the app running on a simulated device using the Kit Manager provisioning tool under the device to add a kit to the app.

Prerequisites:

The app must be successfully running in the Device Simulator.

A Sox connection exists to the app currently running on the simulated device.

To add the kit to the app:

In the Objects properties, click Kit Manager to launch the provisioning tool.

In the Kit Manager view, click the checkbox to select the kit, as shown below, and click Update.

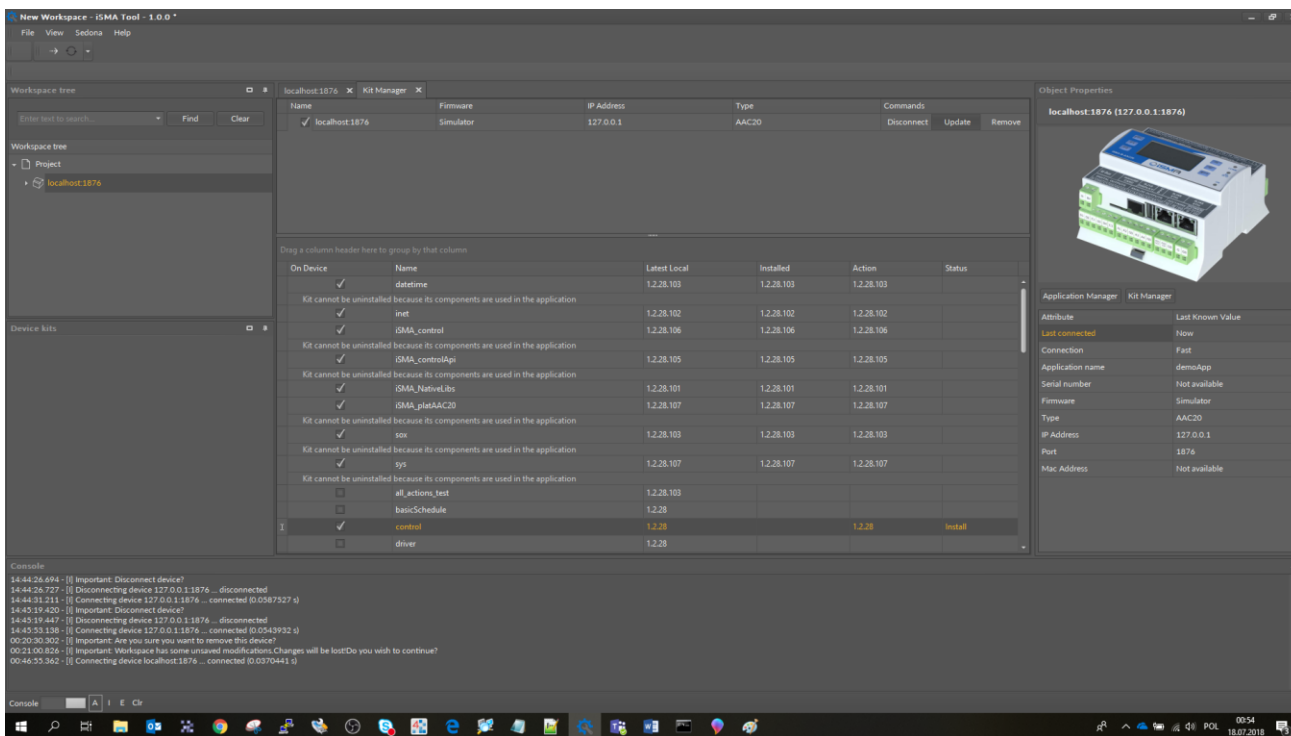


Figure 6– install new kits

When kit changes have been successfully completed, simulator automatically restarts and connects.

4. Saving the modified simulator app file

This procedure describes how to stop the simulation and save the modified app to your file system.

To get the application:

In the Objects properties, click Application Manager to launch the provisioning tool.

In the Application Manager view, click the “Get App” to save application, and click Update.

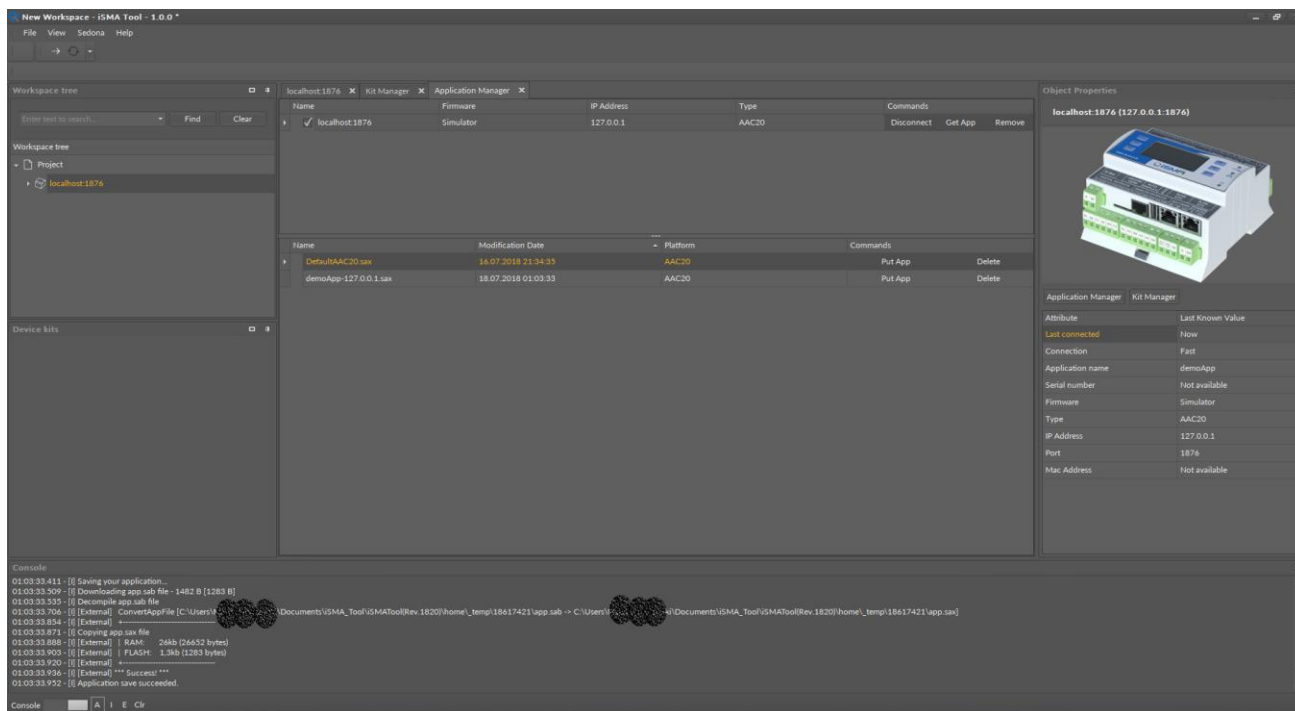


Figure 7– Get application

At the end of this step saved the modified app has been saved successfully to your file system.