

# 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 programed 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



Figure 1 – Launch the simulator

🔅 New Workspace	- iSMA Tool - 1.0.0 *									
File View Sedona Help										
Workspace tree		<b>D</b> A								
Enter text to search	• Find	Clear								
Workspace tree										
Project										
	New Project									
	Add Folder									
	Add Device									
	Remove									

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.

Co	onnect X
	Туре
	Sedona 🔫
	Host
	localhost or 127.0.0.1
	Port
	1876
	OK Cancel

Figure 3 – Write Host name

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

Authentication X
Username
admin
Password
Remember these credentials
OK Cancel

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.

🔆 New Workspace - iSMA Tool - 1.0.0 *									- 8 ×
File View Sedona Help									
Workspace tree									
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		bicschedule							
		Atro							
Console									
14:44:26.694 - [I] Important: Disconnect device? 14:44:26.727 - [I] Disconnecting device 127.0.0.1:1876 disconnected									
14:44:31.211 - [I] Connecting device 127:0.0.1:1876 connected (0.059 14:45:19.420 - [I] Important: Disconnect device?									
14:45:19:447 - [I] Disconnecting device 127:0.0.1:1876 disconnected									
00-20:30.302 - [i] Important: Are you sure you want to remove this device	(8932 5) (e?								
00:21:00.826 - [I] Important: Workspace has some unsaved modifications 00:46:55.362 - [I] Connecting device localhost:1876 connected (0.037	Changes will be lost!Do you wish to a 70441 s)								
Console A I E Cir									
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#### 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.

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File View Sedona Help												
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Tauiza bite												
Device kits												
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Console												
01:03:33:411 - [i] Saving your application												
01:03:33:309 - [i] Downoacing app sab file - 1462 B [12:03 B] 01:03:33:535 - [i] Decompile app sab file	05.00			all	5							
01:03:33.706 - [I] [External] ConvertAppFile [C:Users' 0.107 01:03:33.854 - [I] [External] +	CARE AND	ocuments\iSMA_Tool\iSMATool(Rev.1820)\	<pre>\home\_temp\18617421\app.sab -&gt; C?</pre>	Users Versel	ki\Documents\iSM	A_Tool'uSMATool(Rev.1820)\h	ome\_temp					
01:03:33.871 - [[] Copying spp. sax file 01:03:33.884 - []] [External]   RAM: 26kb (26652 bytes)												
0103:33:003 - [i] [External]   FLASH: 1,3kb (1283 bytes)												
01:03:33:920 - [I] [External] **** 01:03:33:936 - [I] [External] *** Success! ***												1
01:03:33.952 - [I] Application save succeeded.												
Console A 1 E Cir												

Figure 7- Get application

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