



EMS Glance Pre-requisite Guide



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Introduction

This guide will detail the process of preparing an Aura device for EMS connectivity. This includes upgrading the device firmware to the latest version, if necessary, and installing the EMS integrated Client.

Pre-requisites

Below is a compiled list of the pre-requisite requirements for an Aura screen to integrate with an EMS booking system.

- Aura firmware version 1.0.25+ or above
- Aura Flex version RXEMS2
- EMS Glance application version 17.11.14.1 or above
- EMS Glance API version 1.0.1.026

Firmware Upgrade

It is important to check that the Aura screen is running the latest firmware release before continuing with any set-up. This can be done using the following procedure:

1) Exit the screen by touching each corner, starting at the top left and going clockwise, as indicated below.





2) The PIN code prompt will appear, enter your PIN and select **OK**.

	F	Resc		ResourceXpress Security Enter PIN Code						ila	abl	е			
			112233	44							-				
				Cance	L			0	к						
					the screen f gured Room n from top le	rom top le URL is co eft in clock	ft in cloo rrect (To -wise dir	ck-wise di buch each rection)	rection) corner	of					
					1			1							
1	2	3	4	Ę	5	6		7		8		9		0	
@	#	Ś	\$	%	&		-		+		()		C
~ [<	١	=	*		II	'		:		;		ļ		?	~ [<
ABC	,	_										/			٢

(The default PIN code is 11223344)

3) Select the three dots in the top right corner and then press **Quit**.





4) Enter the PIN for the second level of security.



(The default PIN code is 11223344)

Now you should see the Configuration screen. In the bottom right corner is the Settings tab, which features a quick overview of the device. Check that the **FW Ver** is **v1.0.25+** or above.

The correct firmware can be downloaded from here and must be placed onto the root of a USB drive: <u>https://drive.google.com/file/d/1seknxlccglGJfuxc9Y1lTrK-</u> 3YtSzGEW/view?usp=sharing

If the Aura is showing as running an earlier firmware version, please proceed with the following steps:

1) Plug the USB stick containing the .zip file into the Aura. Tap on **Settings**.

Content :	com.qed.android/.ResourceXpress					
Please enter URL starting with "http://", or "https://" Play						
Date & time Time: 3:17 PM Date: 2016/09/20 Timezone: GMT+00:00	Ethernet Status: Unconnected IP: Unavailable Mac: Unavailable	Wi-Fi Status: Unconnected SSID: IP: Unavailable Mac: Unavailable	EW Ver: v1.0.18 Model: Aura SN: 05C202T100196			



2) In Settings, navigate down to Firmware Update.

Settings				۹
ø	Display		Sound	
	Storage		LED	
Persona	a de la companya de l			
۲	Language & input	\odot	Factory reset	
Þ	Player settings			
System				
0	Date & time	U	Schedule reboot settings	
۵	Security password		MDM	
ф	Firmware update	*	Remote APP upgrade URL	
۵	Advanced settings	()	About device	
{}	Developer options			
	\$ < <)		

3) From the two options, select Firmware update.

÷	Firmware update					۹
	Firmware update Update firmware image from USB storage					
	Remote firmware upgrade URL Set the remote firmware upgrade XML URL	location.				
		Ŷ	\bigtriangledown	0	\bigcirc	



4) Select Start Firmware Update.

÷	Firmware update

Make sure there is only one ZIP image file on the root directory of your USB storage.
Please plug your USB storage into a USB port on your device.

After completing the above two procedures, please click on "Start firmware update" button to execute.



The Aura will then proceed to restart and show a black screen with a green Android logo. The front LED will also start to flash red. When this process is complete, the Aura will then restart back into Android and the updated firmware version will be shown under the Settings tab.



Install EMS integrated Client

This process is identical to the steps performed whilst upgrading the Android firmware in the last section. It is necessary that this upgrade also be carried out in order to allow the ResourceXpress client to integrate with an EMS booking system.

The Flex file can be downloaded from here: <u>https://drive.google.com/file/d/1Qc7fRq7G0S3vT-</u> <u>uBk0ghTkcA9YJSuAQH/view?usp=sharing</u>

Please Note! - This step may only be performed with an Aura running firmware version 1.0.25 or above.

After ensuring that the Flex .zip file is the only document on the USB stick, insert it into the Aura and replicate the steps for carrying out a firmware update. After this is complete, it is possible to verify the correct Flex version is installed by carrying out the following steps:

1) Exit the ResourceXpress client (as shown on pages 4-5) and enter the PIN to unlock the second security screen.





2) Select the **Settings** tab.

Content :	Conf	iguration				
Please enter URL starting with "http://", or "https://" Play						
Date & time Time: 3:17 PM Date: 2016/09/20 Timezone: GMT+00:00	Ethernet Status: Unconnected IP: Unavailable Mac: Unavailable	Wi-Fi Status: Unconnected SSID: IP: Unavailable Mac: Unavailable	EW Ver: v1.0.25 Model: Aura SN: 05C202T100196			

3) Scroll down to About Device.

Settings				۹
Ø	Display	٠	Sound	
=	Storage		LED	
Persona	6			
•	Language & input	0	Factory reset	
Ð	Player settings			
System				
Q	Date & time	U	Schedule reboot settings	
۵	Security password		MDM	
¢	Firmware update	<u>+</u>	Remote APP upgrade URL	
۵	Advanced settings	()	About device	
()	Developer options			
	Ф < <	C		



4) Check that the Flex Version displayed is RXEMS2.

÷	About device	م
	Status Status of the battery, network, and other information	
	Model number Aura	
	Flex Version RXEMS2	
	Android version 5.1.1	
	Kernel version 3.0.101+ Tue Sep 19 01:04:03 CST 2017	
	Build number v1.0.25+_d20170919.1	
	RESTful API version 1.0.1	

Ŷ	\bigtriangledown	0		



Setting Aura Timezone

If the Aura is not showing the correct time, this will need to be configured in the local device Android settings. To do this, please proceed with the following steps:

1) Exit the ResourceXpress client (as shown on pages 4-5) and enter the PIN to unlock the second security screen.



2) Select the **Settings** tab.

	Conf	iguration						
Content :								
	Content :Com.qed.android/.ResourceXpressClient Please enter URL starting with "http://", or "https://"							
		Play						
🕔 Date & time	Ethernet	💫 Wi-Fi	Settings					
Time: 3:17 PM Date: 2016/09/20	Status: Unconnected	Status: Unconnected SSID:	FW Ver: v1.0.25 Model: Aura					
Timezone: GMT+00:00	IP: Unavailable Mac: Unavailable	IP: Unavailable Mac: Unavailable	SN: 05C202T100196					

3) Tap on **Date & Time.**



Settings	3			۹
Ð	Display	٠	Sound	
	Storage		LED	
Person	a			
•	Language & input	\odot	Factory reset	
Þ	Player settings			
System	i			
Q	Date & time	U	Schedule reboot settings	
۵	Security password		MDM	
¢	Firmware update	<u>+</u>	Remote APP upgrade URL	
٥	Advanced settings	()	About device	
()	Developer options			
	¢ <)		

4) It is then possible to configure a NTP Server, or select the relevant timezone manually.

÷	Date & time	۹
	Automatic date & time Use network-provided time	
	Set date November 30, 2017	
	Set time 6:47 AM	
	Select time zone GMT-07:00 Mexican Pacific Standard Time	
	Use 24-hour format 1:00 PM	
	Setup NTP server	

	1	0	100	(1))	
ý	7	0			



RFID Conversion

In order to work with the EMS Glance System, the in-built RFID card reader must be configured to convert access codes to a decimal output. This is a simple Android settings change that must be done per device, and is carried out in the following way:

1) Exit the ResourceXpress client (as shown on pages 4-5) and enter the PIN to unlock the second security screen.

			_		_		_	Lini	ock sc	reen	_			_					
ſ				Unlock screen															
		ontent			Bac	ck to pl	lay					Unioc	:k						
					, C								2						
1	2		3		4		5		6		7		8		9		0	Ø	1
@		#		\$		%		&		-		+		()		0	
~ [<	١		=		*		п		,		:		;		ļ		?	~	<
ABC	,		_												/			6)

2) Select the **Settings** tab.

Content :			
F	Please enter URL starting with "http://", or	r "https://" lay	
Date & time Time: 3:17 PM Date: 2016/09/20 Timezone: GMT+00:00	Ethernet Status: Unconnected IP: Unavailable Mac: Unavailable	Wi-Fi Status: Unconnected SSID: IP: Unavailable Mac: Unavailable	EW Ver: v1.0.25 Model: Aura SN: 05C202T100196



3) Scroll down to Advanced Settings.

Setting	s			۹
0	Display	٠	Sound	
	Storage		LED	
Perso	nal			
•	Language & input	0	Factory reset	
D	Player settings			
System	•			
0	Date & time	0	Schedule reboot settings	
a	Security password	5	MDM	
\$	Firmware update	<u>*</u>	Remote APP upgrade URL	
\$	Advanced settings	()	About device	
0	Developer options			
	\$ < <)		

4) Tap on the **More** option.

÷	Advance	ed settings						۹
	Wirele	ss & networks						
	0	Data usage				More		
	Device							
	۲	Apps			60	Log		
	Persor	nal						
	۰	Location			Ô	Security		
			Ŷ	\bigtriangledown	0		¢	

5) Check that the option for Nfc card uuid data format is set to Decimal. Nfc card uuid data format

○ Hexadecimal

Decimal