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## How to change language in devices

## Can we change the language to any other language than English?

Yes, you can add a language to a device by including a custom resource file to the device. Make sure to choose an appropriate character encoding type when you save the resource file since the character encoding type differs from one model to another.

Model	Character encoding type
BioStation	UTF-8
BioStation T2	UTF-16
FaceStation	UTF-16
X-Station	UTF-16

On Microsoft notepad, Unicode is the equivalent of UTF-16. If you need to use UTF-16, save the file encoding as Unicode.

Refer to the following external link: Unicode File in Notepad

## How to add a custom language resource file to a device

1. Open the custom.rc file you received from Suprema on Notepad.

2. Comment out the two lines below **Latin** and uncomment two lines below the label of a language you want to add, as shown in the figures below (in this example, we are adding Arabic to a device):

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3. Translate the text whose index is equal to or greater than 100 into the target language.

- https://kb.supremainc.com/knowledge/

BST_custom.rc - Notepad
<u>File Edit Format View H</u> elp
// UI Label //Latin //10 HelveticaNeueOTS //11 HelveticaNeueOTS
//Japanese //10 HeiseiKakuGothW5_213_C //11 HeiseiKakuGothW5_213_C
//Chinese //10 MYuenSemiBd18030C //11 MYuenSemiBd18030C
//Arabic 10 UtahOTSArabic 11 UtahOTSArabic
100 مستخدم 101 Log 102 Mode 103 Device 104 Display 105 USB 106 Network 120 OK 121 Cancel 122 Next

4. When you save the file, make sure that you have chosen the right encoding type for your device.

Save As			×
🕒 🗢 🚈 🕨 Comp	er 🕨 Local Disk (C:) 🕨 👻 🍫	Search Local Disk (C:)	٩
Organize 🔻 New fo	ler		0
🧮 Desktop	Name	Date modified	Туре
<ul> <li>Downloads</li> <li>Recent Places</li> <li>Libraries</li> <li>Documents</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> </ul>	<ul> <li>APM_Setup</li> <li>APM_Setup (2)</li> <li>data_pump_dir</li> <li>devcon</li> <li>Intel</li> <li>KSystem.Net</li> <li>NVIDIA</li> </ul>	09/02/2013 7:37 PM 09/02/2013 7:37 PM 08/29/2013 4:56 PM 10/17/2013 2:18 PM 08/08/2013 4:30 PM 10/16/2013 1:36 PM 08/08/2013 4:43 PM	File folder File folder File folder File folder File folder File folder File folder
Homegroup Computer Local Disk (C:) Local Disk (D:)	<ul> <li>OpenSSL</li> <li>oraclexe</li> <li>PerfLogs</li> <li>Program Files</li> <li>Program Files (x86)</li> <li>Temp</li> </ul>	10/30/2013 9:31 AM 09/25/2013 9:53 AM 07/14/2009 12:20 10/25/2013 4:26 PM 11/11/2013 5:04 PM 10/10/2013 6:45 PM	File folder File folder File folder File folder File folder File folder
share (\\safeent) share (\\bigbroth users (192.168.1.6	Users Windows	08/08/2013 4:58 PM 10/30/2013 9:31 AM	File folder File folder
File <u>n</u> ame: BST Save as <u>t</u> ype: Tex	custom.rc Documents (*.txt) <u>E</u> ncoding: UTF-8	Save Can	▼ ▼

5. Run BioStar Client.

6. Go to **Device** > **Display/Sound** and click on the browse button for the **Resource File** field.

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BioStar V1.62		×
Elle View Theme Option Administra	itor Help	
Back 🛞 Forward 🔄 Refresh 🤮	Find User Print =	
Device	Device	
Device     BioStar Server     E 10008[192,168,0,87]     E 266452965[192,168,0,93]	Basic Information         Device ID         268492965[192:168:0.93]           Name         268492965[192:168:0.93]         Device ID         268492965           Pirmware         V1.92_120326         Device Type         BSM-OC	
	Operation Mode   Fingerprint   Network   Access Control   Input   Output   Black List   Display/Sound   T & A   Wegand	
Task	Display/Sound	
Re Add Device	Language English V Background Logo V Notice	
1 Firmware Upgrade	Sub Info Time Volume 20 %	П
Details	Private Display Private Displa	Ш
Total: 2 Selected: 268492965[192.168.0.93]	Resource File Custom V BST_custom.rc	
🕵 User	Background Inage	
Joors Doors	Type Loop with Type	Ш
🔛 Visual Map	Statt	П
🗣 Camera	Success Error	Ш
👸 Lift	Question Button Detect Finner	Ш
Access Control	Add Delete Lb Down Add Delete Play	Ш
Monitoring		П
👮 Device		Ш
Time and Attendance		1
÷	Add Modify Delete Apply to Others Apply	
Ready	CAP NUM SCRL	

7. Choose **Custom** from the **Language** drop-down list and click **Apply**.

8. Click **Yes** when a dialog asking to restart the device to apply the custom resource file.

iub Info			Ushana	Logo		POLICO
	Time	*	volume	20 %	*	
nenu Timeout	20 sec	~	Msg Timeout	2 sec	*	
Private Display	Disable	*				
Resource File	Custom	*	BST_custom.rc			
			Error Question Button Detect Fin Place Find	nger		~
Add Delete	L	Down			Add Delet	a Play

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