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[BioStar 1, Language](#)

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.

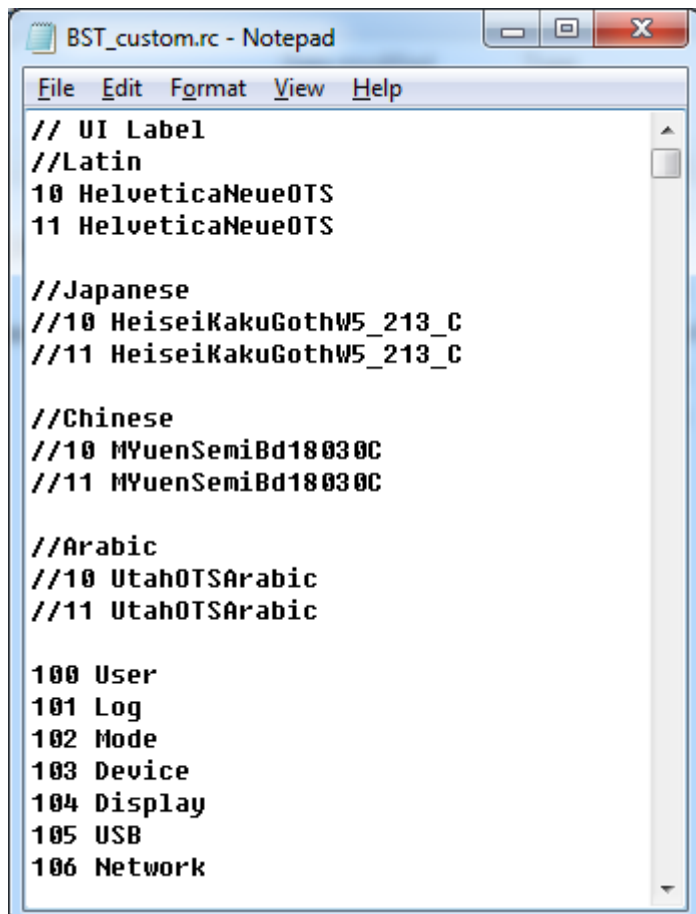
Model	Character encoding type
BioStation	UTF-8
BioStation T2	UTF-16
FaceStation	UTF-16
X-Station	UTF-16

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):



```
File Edit Format View Help
// UI Label
//Latin
10 HelveticaNeue0TS
11 HelveticaNeue0TS

//Japanese
//10 HeiseiKakuGothW5_213_C
//11 HeiseiKakuGothW5_213_C

//Chinese
//10 MYuenSemiBd18030C
//11 MYuenSemiBd18030C

//Arabic
//10 Utah0TSArabic
//11 Utah0TSArabic

100 User
101 Log
102 Mode
103 Device
104 Display
105 USB
106 Network
```



```
File Edit Format View Help
// UI Label
//Latin
//10 HelveticaNeue0TS
//11 HelveticaNeue0TS

//Japanese
//10 HeiseiKakuGothW5_213_C
//11 HeiseiKakuGothW5_213_C

//Chinese
//10 MYuenSemiBd18030C
//11 MYuenSemiBd18030C

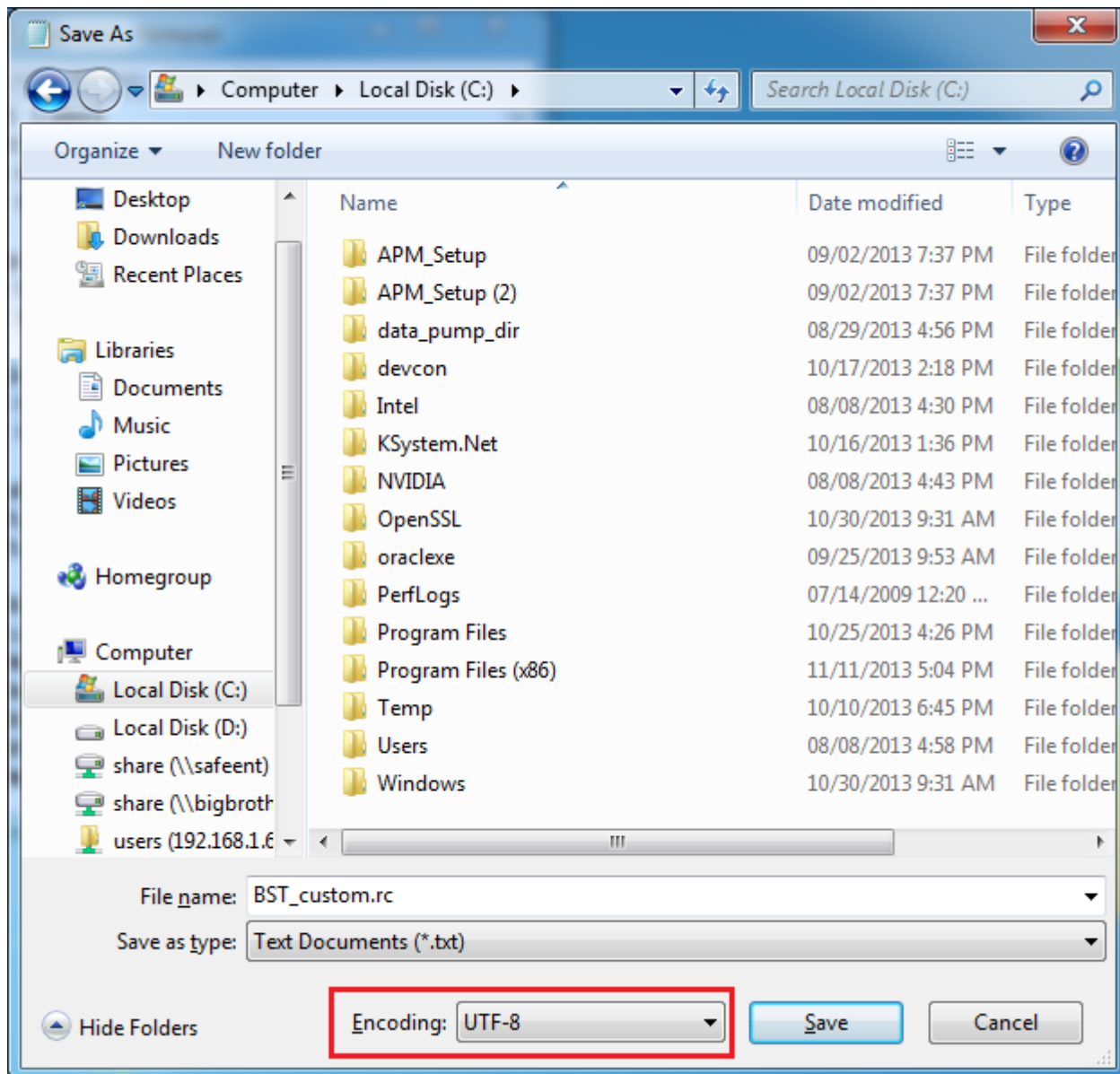
//Arabic
10 Utah0TSArabic
11 Utah0TSArabic

100 User
101 Log
102 Mode
103 Device
104 Display
105 USB
106 Network
```

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

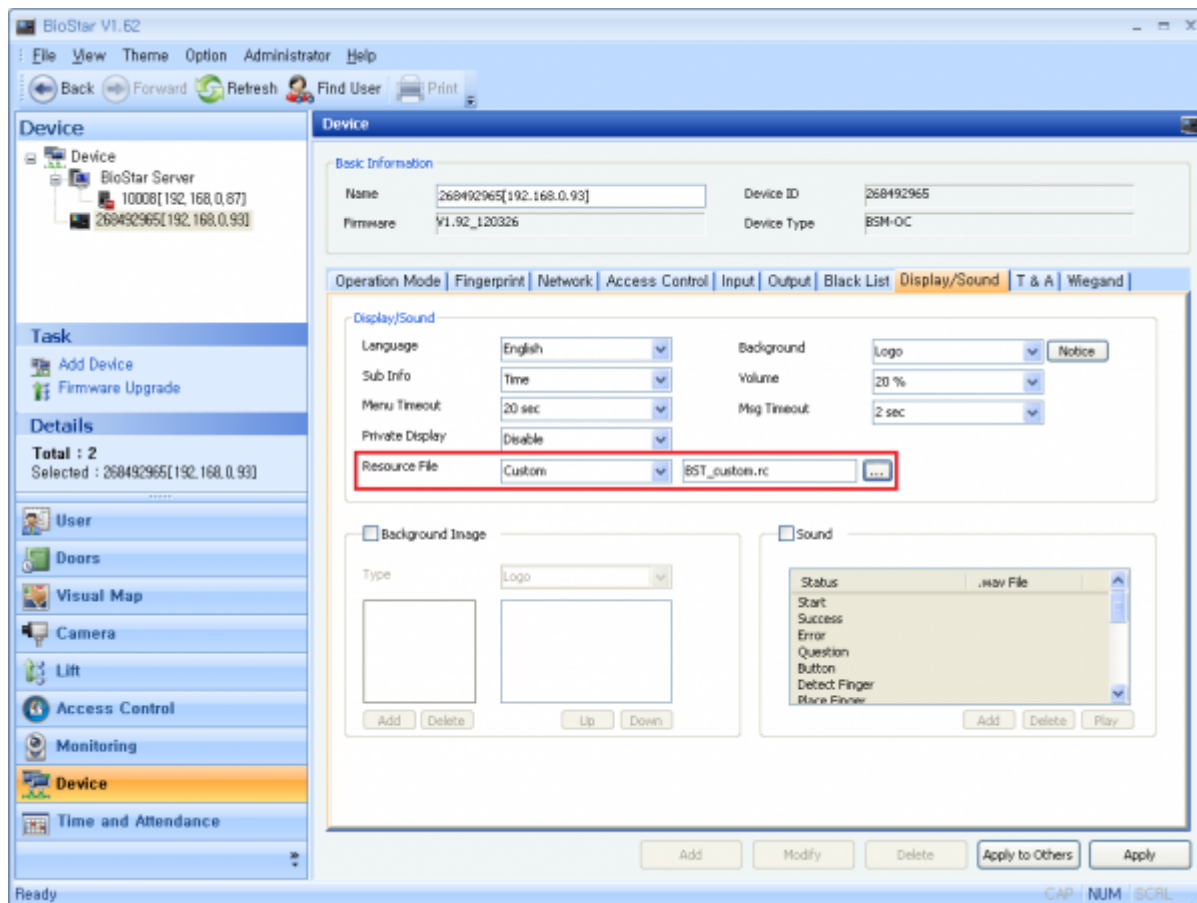


4. When you save the file, make sure that you have chosen the right encoding type for your device.



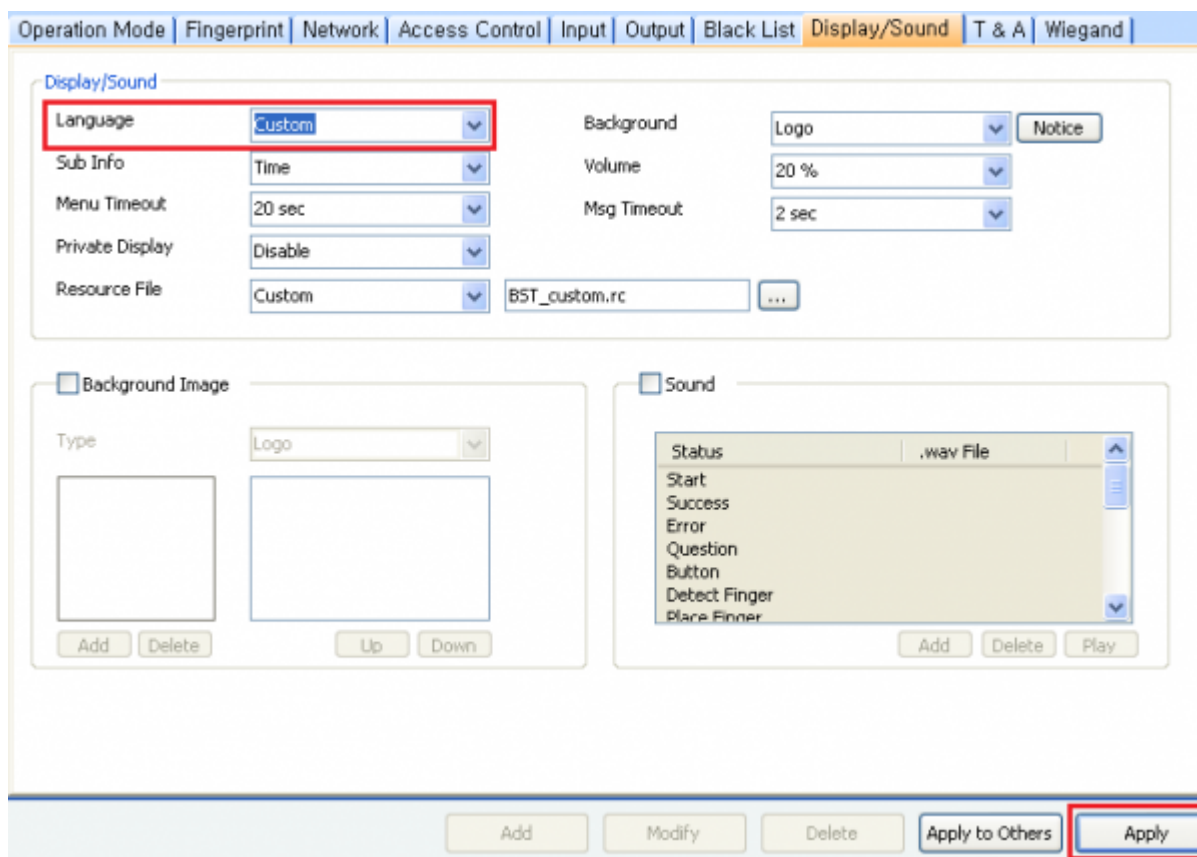
5. Run BioStar Client.

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



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.



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