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System Configuration, BioStar 2, Custom Level, custom admin, custom operator

How to Configure a Custom Level

The custom level feature allows you to give specified privileges to administrators in specific menus.

BioStar version 2.6 and above

From BioStar 2.6.3, the Admin Item Setting is changed so that a custom level can be assigned for a specific User Group, Device Group, Door Group, and Access Group. Also Monitoring menu is now allowing the administrator to assign "Read" rights.

1. Go to the **Settings** > **ACCOUNT**.



2. Create new Custom Level. At this point, you can configure the item settings and menu settings.

BioStar 2	2	🕲 Settings 🚊 Port	() About () He	łp						Administrator E Logout	
DASH BOARD	+	Add Custom	Level								
8	A Name										
USCR		Description									
DEVICE		Admin Item Settings		User Group	Device Group		Door Group		Access Gro	up	
			All Users	٣	All Devices	٣	All Doors	v All a	ccess groups	*	
0		Admin Menu Settings		Menu Re	ns		Add Button	Edit		Read	
ACCESS CONTROL				1	Dashboa	rd		N/A			
			2	User			Disabled				
Ø			3	Device			Disabled				
ATTENDANCE			4	Door			Disabled				
			5	Access Co	strol		Disabled				
			6	Monitori	1g		Disabled				
			7 Time & Attendance			Disabled					
			8	Setting		N/A					
		Add User	Name		* Add						

You can also see now that the Monitoring Admin Menu Setting allows "Read" assignment.

Admin Item Settings includes User Group, Device Group, Door Group, and Access Group(including Elevator Group).

Each item can be configured for each group or for all groups.

Admin Menu Settings consists of Dashboard, User, Device, Door, Elevator, Zone, Access Control, Monitoring, Time and Attendance, Setting, and Video categories.

For each menu you can set "Edit" and "Read" privileges.

When checking "Edit" it will automatically check "Read."

Depending on such privilege settings, "Add Button" column value will be changed (N/A, Disabled, or Enabled)

- The expansion of Admin Item Settings to universal setting of the Custom Level will influence the Admin Menu Settings.
- The Account button can now be visible to all users that have administrator privilege(as opposed to the previous versions in which only the main administrator had privilege to access this feature)
- If you are upgrading from previous versions to BioStar 2.6.3, you need to perform migration on the Custom Level
- The Administrator will receive alert regarding Custom Level activities

Up to BioStar 2.6.2, Admin Item Settings were only limited to Monitoring section as in the screenshot below.

inse	14r operator							
scription	14F monitoring							
min Menu Settings		Menu Items	Custom Itema	Add Button	Edit	Read		
	1	Dashboard		N/A				
	2	User	▲ All Users (2)	Disabled				
	3	Device	All Devices (2) v	Disabled				
	4	Door	All Doors (2) v	Disabled				
	5	Elevator	All Elevators +	Disabled				
	6	Zone	All zones (7) v	Disabled				
	7	Access Control	All access groups v	Disabled				
	8	Monitoring	User Group A w Door Status Door Group A Floor Status All Elevators 20ne Status All zones (7)	N/A		M		
	9	Time & Attendance		Disabled				
	10	Setting		N/A				

Below can be an example of how you can realize features that are changed in 2.6.3

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- Employee name: Max
- Employee group(User Group): IT
- Device used when entering from the main entrance(Device Group): BioStation L2
- Working Space(Door Group): IT Main Office A1
- Department(Access Group): IT Department

Admin Item Settings and Admin Menu Settings can be properly configured to reflect the example above.

1. Because Max belong to IT Department, we can setup Access Group and Access Level via Access Control menu.

BioSta	r 2	🚫 Settings	s <mark>다</mark> Port ((i) About (?)) Help	
Dash Board	¢ ⊕	ADD ACCESS G ADD ACCESS I	ROUP LEVEL	Acc	ess Grou	р
USER	Access Group	Access Level	Status			Name
	🔺 IT Depa	rtment			IT Department	
© DOOR						

- 2. When Creating Access Group, you will be prompted to create Access Level
- Assigning a user will not be necessary as we will assign a user to a specific user group.

BioStar	2	@ Settings ₃ 전 Port	: () About () Help		Administrator G Lagont
	IT Department				avel
DEVICE		Description	IT Department	Description	TT Main Office A1
роов Ассеве сонтнос нонтолной тине аттеномисе		Access Rule Au T Main Office A1	Casa Lavel FAM	IT Man Office A1	E A3 V Always V V
					Apply Cancel

3. Let's go to Door menu to setup Door Group, right click on All Doors and click "Add Group" to add Door Group

- You can see the Door Group created below it, here it is named to IT Main Office A1.

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DASH BOARD	+ IT Main Office A1				1/1
А USER	Information				
	• Name	IT Main Office A1	• Group	IT Main Office A1	
	Description	IT Main Office A1			
DOOR	Configuration				
ACCESS CONTROL	Entry Davies				
	Door Relay(*)	Biostation 12 540084005 (192.168.14.164) * Relay 0 of BioStation L2 540084005 (192.168.14.164) Device *]		
Ø	Exit Button	Input Port 0 of BioStation L2 540084005 (192.168.14.164) Device 🔻	• Switch	Normally Closed	
TIME	Door Sensor	Input Port 1 of BioStation L2 540084005 (192.168.14.164) Device *	Switch	Normally Open	

4. Now move on to Device Tab and just as we've done it, right click on All Devices to click "Add Device Group"

- You can see the Device Group created below it, here it is named to BioStation L2(IT)



BioStar	r 2 🛞 Settings 🛱 Port 🥢	i) About (?) Help	
C DASH BOARD	SEARCH DEVICE Advanced search	All Devices	
USER	 All Devices BioStation L2(IT) 	Device ID	
DEVICE © DOOR	BioStation L2 5400840	540084005	Bio
(+) ACCESS CONTROL	USB Device		

5. Click the device, and then assign its group.

BioStar 2) Settings 🖧 Port () About	(2) Help				Administrator
DASH BOARD	← BioStation L2 5400	084005 (192.168.14.164)				1/1
R	Information					
Ð	• Name	BioStation L2 540084005 (192.168.14.164)]	Group	BioStation L2(IT)	
DEVICE	Device ID	540084005		Device Type	BioStation L2	
DOOR	Firmware Version	1.3.2 [2018/07/10 15:12:59]		Product Name	85L2-0M	
÷	Kernel Version	1.3.0 [2018/07/10 15:04:13]		Hardware Version		
ACCESS CONTROL	Restore to default	All Without Network		Locked	Unlock	
~	Time Zone	(UTC) W. Europe Standard Time, London, Lisbon, Casablanca 🖤		Time Synchronization	n with Server	
MONITORING	Daylight Saving Time	¥				
	System					_
	Display Date	2018/10/19		Get Time	Set Time	
	Date Format	VYYY/MM/DD *				

6. Let's go to Settings \rightarrow Account \rightarrow Add Custom Level

BioStar	2	۞ Settings 뮴 Port ④	About ?	telp
DASH BOARD		ADD CUSTOM LEVEL	+	Account
8	>	Administrator		
USER	4	User Operator		Name
	4	Monitoring Operator		Administrator
DEVICE	4	IT		User Operator
DOOR	4	T&A Operator		Monitoring Operator
<u>ح</u>	4	User		IT
ACCESS CONTROL				T&A Operator
				User
MONITORING				

7. Here it will be named IT, and we will set all of the Admin Item Settings that we created previously - We will create User Group in the next step, and then you can come back to this menu to assign the created User Group.

- This user will only have "Read" rights for all of the Admin Menu Settings

BioStar	2 💮 Settings 💆 Port	() About (?) He	tρ						Administrator E Logout	
DASH BOARD	← IT									
R	• Name	π								
	Description	IT Staff								
	Admin Item Settings		User Group	Device Group		Door Group			Access Group	
DOOR		п	₩ Bio	oStation L2(IT)	¥	IT Main Office A1	٣	IT Department	*	
ACCESS CONTROL	Admin Menu Settings		Menu Items			Add Button		Edit	Read	
Æ		1	Dashboard			N/A				
MONITORING		2	User			Disabled				
		3	Device			Disabled				
		4	Door		Disabled					
		5	Access Control			Disabled				
		6	Monitoring		Disabled					
		7	Time & Attendance			Disabled				
		8	Setting			N/A				

8. Finally, let's create a user by going to User menu

- Likewise, right click on All Users and click "Add User Group", here it is named "IT"

BioSta	BioStar 2 💮 Settings 🕂 Port (i) About (?) Help									
DASH BOARD		SER	All Users							
8	> User	Status								
USER	🗖 👱 All Users	2		ID	Nar					
	👤 IT	1	1		Administrator					
			2		Max					
() TIME ATTENDANCE										

9. Add a new user and set appropriate Group(User Group), Operator Level, and Access Group that we just created.

- at this point you can go back to step 7 and assign the created custom level to the user group that this user has set

 \rightarrow this will automatically set the user Max to be accounted for the custom level

BioStar	2 (Settings 🗧 Port	About 🕐 Help					Administrator
DASH BOARD	← N	/lax						2/2 4 🕨
А USER	Infor	mation						
Ð			Name	Max		• Email		
DEVICE			• ID			Telephone		
0 DOOR		X	Group	т т		Status	C Active	
÷			Period	2001/01/01 00:00 ~ 2030/12/31 23:59				_
ACCESS CONTROL		+ Add Photo	Operator Level	п		Access Group	IT Department	*
~			Login ID	Max	·			_
			Password					
TIME								

BioStar version 2.4 and above

In BioStar version 2.4, the custom level was further expanded to allow custom levels that controls specific users, devices, doors, and access groups.

Name Description						
Admin Menu Settings		Menu Items	Custom Items	Add Button	Edit	Read
	1	Dashboard		N/A		
	2	User	All Users 👻 All Devices 👻	Disabled		
	3	Device	All Devices 👻	Disabled		
	4	Door	All Doors 👻	Disabled		
	5	Access Control	All access groups 👻	Disabled		
	6	Monitoring		N/A		
	7	Time & Attendance		Disabled		
	8	Setting		N/A		

However, be aware that the custom items only apply to its specific menu.

This means that even if you apply a specific user in the **User** menu item and specific devices in the **Device** menu item, the custom operator will see *all* logs of devices and users in the **Monitoring** menu because the settings do not apply other menus.

Known Issue

You can only add new custom levels with the default administrator (ID 1) account in BioStar 2.4.

Refer to the following link: Freshdesk Known Issue Forum

BioStar version 2.3

In BioStar 2.3, the feature to create custom administrators was introduced. You can add a custom administrator at **Settings** > **ACCOUNT**.

Below is a sample scenario where we will create a custom administrator that can only edit users and the T&A menu.

1. Click on **Setting > ACCOUNT**.

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2. Click ADD CUSTOM LEVEL.

BioSta	r 2 🔞 Setting 🕧 About	⊘ Help
DASH BOARD	, ADD CUSTOM LEVEL	✓ Account
8	> 🔺 Administrator	
USER	 User Operator 	
P	Monitoring Operator	Administrator
DEVICE	T&A Operator	Administrator
	/ User	User Operator
DOOR		Monitoring Operator

- 3. Type in a name for the custom level.
- 4. Click on Edit for User and Time & Attendance for the operating level.
- 5. Select a user to use this custom level by clicking on + Add.

◄ Add Custor	m Level		
- Name	TA AND USER ADMINISTRATOR		
Operating Level		Name	+ Add
User Device	Edit Read None	142221(Ethan Lee)	Ŧ
• Doar	Edit Read None		
Access Control Monitoring	Edit Read None		
Dashboard	Edit None		
Zone Time & Attendance	Edit Read None		

6. Now if you check the user in the **USER** tab, you will see that this user has the custom **Operator Level**. Create a **Login ID** and **Password** for the user. Click **Apply**.

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DASH BOARD	✓ Ethan Lee			
А USER	Information			
DEVICE		Name	Ethan Lee	
0 DOOR	8	• ID • Group	143221 All Users	Ŧ
© zone	+ Add Photo	 Period Operator Level 	2001/01/01 00:00 ~ 2030/12/31 23:59 🛍	Ŧ
ACCESS CONTROL		 Login ID Password 	ethanlee	
~		 Password 		

7. Log out and log in as your new custom admin user.

8. You will see that this user only has full access and privilege for the **USER** and **TIME & ATTENDANCE** menu.



Before versions before 2.3

Before the release of BioStar 2.3, there were only 4 operator levels for users. There functions were limited to their roles as shown below:

- 1. Administrator : full privileges over all operations
- 2. User Operator : only full privileges to edit users
- 3. Monitoring Operator : only full privileges over the monitoring page
- 4. Mobile User : only privilege to read all menus.

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BioStar 2 ۞ Setting () About () H	elp
DASH BOARD Administrator	✓ Account
User Operator	Name Monitoring Operator
	Operating Level User Edit Read
DOOR	Device Edit Read Access Control Edit Read
© zone	Monitoring Edit Read Handle Alarm Dashboard Edit Read
() ACCESS	Zone Edit Read

From: http://kb.supremainc.com/knowledge/ -

Permanent link: http://kb.supremainc.com/knowledge/doku.php?id=en:how_to_configure_a_custom_level&rev=1539921292

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