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## How to batch edit devices

Situations where you need to manage the devices that are used for access control and time & attendance will happen all the time. The network environment might have changed, or you might need to add a specific user to have privileges to control the device itself. To minimize the work for the administrator, BioStar 2 provides a feature where you can batch edit some features of the device.

### How to enter the menu for batch edit

1. Select the devices to be edited.

The screenshot shows the 'All Devices' management page. At the top, there are navigation controls (back, previous, 1 / 1, next, forward) and a '50 rows' dropdown. Below these are buttons for 'Sync Device', 'Batch Edit', 'Firmware Upgrade', 'Delete Device', and a menu icon. The main table lists devices with the following columns: Device ID, Name, Group, Device Type (Master/Slave), IP Address, and Device Status. The table contains 13 rows of data. The first, third, sixth, and eighth rows have their checkboxes selected. The last row is highlighted in light blue.

Device ID	Name	Group	Device Type (Master/Slave)	IP Address	Device Status
10203	BioLiteNet 10203 (192.16...	All Devices	BioLiteNet	192.168.14....	Sync Error
540084003	BioStation L2 540084003 ...	All Devices	BioStation L2	192.168.14....	Disconnected
541530988	BioStation A2 541530988...	All Devices	BioStation A2	192.168.14....	Sync Error
541531090	BioStation A2 541531090...	All Devices	BioStation A2	192.168.14....	Disconnected
541531096	BioStation A2 541531096...	All Devices	BioStation A2	192.168.14....	Disconnected
541531114	BioStation A2 541531114...	All Devices	BioStation A2	192.168.14....	Disconnected
544108066	BioEntry W2 544108066 (...)	All Devices	BioEntry W2 <b>M</b>	192.168.14....	Sync Error
544108107	BioEntry W2 544108107 (...)	All Devices	BioEntry W2 <b>M</b>	192.168.14....	Disconnected
544108117	BioEntry W2 544108117 (...)	All Devices	BioEntry W2 <b>M</b>	192.168.14....	Sync Error
546832511	BioStation 2 546832511 (...)	All Devices	BioStation 2	192.168.14....	Disconnected
546832593	BioStation 2 546832593 (...)	All Devices	BioStation 2 <b>S</b>	192.168.14....	Disconnected
939254152	BioStation A2 939254152...	All Devices	BioStation A2 <b>M</b>	192.168.14....	Disconnected

2. Click the 'Batch Edit' button.

**All Devices**

1 / 1 50 rows

Sync Device **Batch Edit** Firmware Upgrade Delete Device

	Device ID	Name	Group	Device Type (Master/Slave)	IP Address	Device Status
<input checked="" type="checkbox"/>	10203	BioLiteNet 10203 (192.16...	All Devices	BioLiteNet	192.168.14....	Sync Error
<input type="checkbox"/>	540084003	BioStation L2 540084003 ...	All Devices	BioStation L2	192.168.14....	Disconnected
<input checked="" type="checkbox"/>	541530988	BioStation A2 541530988...	All Devices	BioStation A2	192.168.14....	Sync Error

3. A screen will appear that will show all editable options.

**Device Batch Edit**

Devices (2)

- Use DHCP ☐ Use DHCP
- Full Access ☐ Full Access
- Time Zone
- Daylight Saving Time
- Smart Card Layout
- Subnet Mask
- Gateway
- Matching Timeout 7 sec
- Device Port 51211
- Connection Mode ☐ Device ► Server Connection
- Server Address
- Server Port 51212
- RS485 Default

Apply Close

4. To modify an option, click the pencil-shaped icon and change the values.

Device Batch Edit

Devices (4)

• Use DHCP

Use DHCP

• Full Access

Full Access

• Time Zone

• Smart Card Layout

None

• Subnet Mask

• Gateway

• Matching Timeout

10 sec

• Device Port

51211

5. After changing the configuration, click the 'Apply' button.

• RS485

• Baud Rate

115200

• Administrator

All

+ Add

User

+ Add

Configuration

+ Add

Apply

Close

## Options that can be modified by batch

1. Use DHCP - Configure the device to get the address from the DHCP server or to allocate a static IP manually.
2. Use Server Matching - Configure the device to perform authentication matching after the user data is stored in the server.
3. Full Access - Configure the device to allow all authentications or to work based on the access group configurations.
4. Time Zone - Configure the device's time zone.
5. Daylight Saving Time - Configure the device to have the Daylight-Saving Time applied to its time.

6. Smart Card Layout - Configure the device's smart card layout which will be used to read the smart card issued from BioStar 2.
7. Subnet Mask - Configure the device's subnet mask.
8. Gateway - Configure the device's gateway address.
9. Matching Timeout - Configure the maximum time for the device to match the scanned fingerprint template with the stored templates.
10. Device Port - Configure the port that will be used to communicate when using the server → device connection.
11. Connection Mode - Configure the connection mode to device → server or to server → device.
12. Server Address - Configure the server address the device will try to connect when it's set to device → server mode.
13. RS485 - Configure the RS-485 mode of the device to master, default, or slave.
14. Baud Rate - Configure the baud rate to be used when communicating via RS-485.
15. Administrator - Configure a user that will have administrator privilege on the device.
16. Screensaver - Configure the device to have the screensaver.
17. Thermal Camera Use - Configure the device whether to use the thermal camera or not.
18. Threshold Temp - Configure the device to have the threshold for the temperature measured by the user.
19. Temp. Correction - Configure the device to have the temperature correction for the temperature measured by the user.
20. Thermal & Mask Check Mode - Configure the device to check the thermal status & Mask Check option for authentication.

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