

Using e3 Elevator Clients

Software version 0.32-05z

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The elevator function is enhanced with the 0.32-05z release of e3 software. The enhancement allows for more than 8 floors to be controlled and individual elevator reader and individual elevator outputs can be released from the dashboard. In addition, elevator icons are now displayed on the dashboard floor map.

e3 elevator clients control up to 8 floors and is used as either a cab controller or elevator extension. An elevator client is required for each elevator cab – referred to as cab controller. To control more than 8 floors, additional e3 clients are connected to the cab controller as extensions – referred to as elevator extension.

Note: Only the first “In Reader” on the cab controller is active on an elevator client.

e3 Elite models support 4 cabs and up to 36 floors per cab. e3 Enterprise models support up to 14 cabs and 120 floors per cab. e3 Essential models do not support elevators.

This example illustrates setting up an e3 Elite 64 that controls a single elevator cab that can access 16 floors. It is assumed the e3 server has been updated to 0.32-05z and the IP address of the server and elevator clients have been assigned by the network administrator.

To install the elevator clients, the IP address of the server must be determined. Typically this is a static IP address that is assigned by the network administrator

The e3 server’s address is found by clicking the Network icon and the IP Address on the sub menu



A typical configuration looks like the following screen shot. The e3 server’s IP address is in the red box. In this example, the e3 server IP address is 192.168.1.16



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e3 elevator clients must be configured with the e3 server's IP address. To change the Server Information in the elevator client, determine the IP address of the elevator client, login and click on the Edit button.

Note: Elevator clients use either static or DHCP addressing (as required by network administrator policies). In this example DHCP is used for the elevator clients.

Add the 3 items circled in the screen shot below and click on the save button. After the changes are saved, logout of the elevator client.

The screenshot shows the configuration interface for an e3 Elevator Client. It is divided into three main sections: Network Information, Server Information, and ID, Password. In the Network Information section, IP Type is set to DHCP, and IP Address is 192.168.1.12. In the Server Information section, Server IP is 192.168.1.16, Port is 20000, and ID is admin. In the ID, Password section, the Password field is masked with asterisks. Red arrows point to the Server IP, Port, and Password fields, which are circled in red. At the bottom, there are Save, Reset, and Cancel buttons.

Network Information	
IP Type *	<input checked="" type="radio"/> DHCP <input type="radio"/> Static
IP Address *	192.168.1.12
Subnet Mask *	255.255.255.0
Gateway *	0.0.0.0
DNS Server 1	(Optional)
DNS Server 2	(Optional)
HTTP Port	(Default 80)

Server Information	
Server IP *	192.168.1.16
Port *	20000 (Default 20000)

ID, Password	
ID *	admin
Password *	*****

Save Reset Cancel

This screenshot is identical to the one above, showing the configuration interface for an e3 Elevator Client. It is divided into three main sections: Network Information, Server Information, and ID, Password. In the Network Information section, IP Type is set to DHCP, and IP Address is 192.168.1.18. In the Server Information section, Server IP is 192.168.1.16, Port is 20000, and ID is admin. In the ID, Password section, the Password field is masked with asterisks. Red arrows point to the Server IP, Port, and Password fields, which are circled in red. At the bottom, there are Save, Reset, and Cancel buttons.

Network Information	
IP Type *	<input checked="" type="radio"/> DHCP <input type="radio"/> Static
IP Address *	192.168.1.18
Subnet Mask *	255.255.255.0
Gateway *	0.0.0.0
DNS Server 1	(Optional)
DNS Server 2	(Optional)
HTTP Port	(Default 80)

Server Information	
Server IP *	192.168.1.16
Port *	20000 (Default 20000)

ID, Password	
ID *	admin
Password *	*****

Save Reset Cancel

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Note if the IP address of the e3 server and clients is not known, the utility IP Installer (found on the USB stick supplied with e3 servers and clients) can be used to determine the IP address of e3 servers or clients.

[illegible]

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After the e3 server IP address are added to the elevator clients, the clients are visible in the e3 server Client Management web page and can be connected to the e3 server.

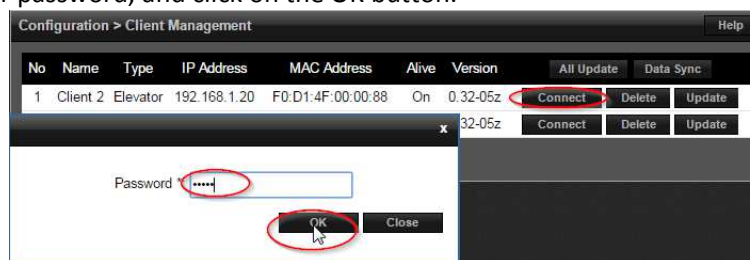
Click on the Client Management icon then on Client Management on the sub menu.



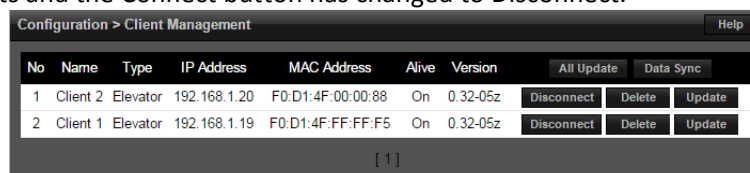
The elevator clients should be displayed on the client management page, the Alive column should indicate On and the software Version should be the same as the e3 server, 0.32-05z.

Note: If the Version is different than 0.32-05z, the elevator client MUST be updated.

Add the elevator clients by clicking on the Connect button. Note that you will need the super administrator password to add or modify e3 clients. For each client, click on the Connect button, add the super administrator password, and click on the OK button.



When this is completed, Client Management will for example display. Note that Alive indicates On for both elevator clients and the Connect button has changed to Disconnect.



Also note the elevator icons are displayed on the dashboard floor map on the default floor. Initially the icons will be stacked in the upper left hand corner of the floor map. The elevator icons can be moved using the Dashboard Settings and assigned to individual floors. See below for information on moving the elevator icons.

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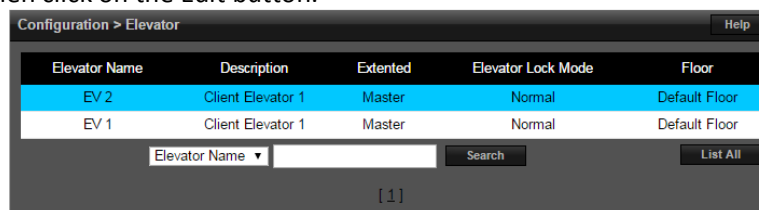
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In this example, we will use elevator EV 1 as the cab controller and elevator EV 2 as the elevator extension.

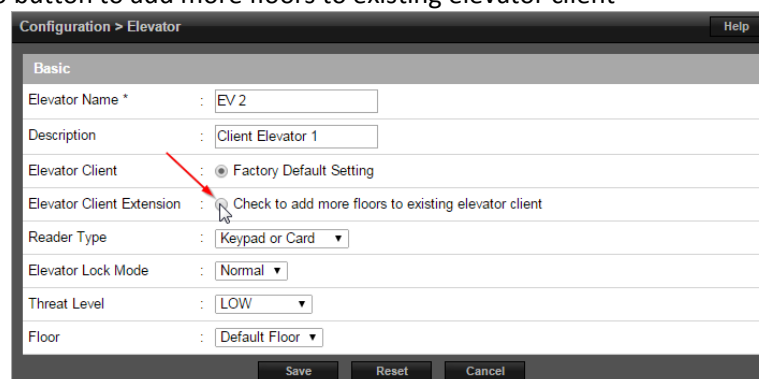
To make the elevator Client 2 and extension, click on the Door icon then on Elevator on the sub menu.



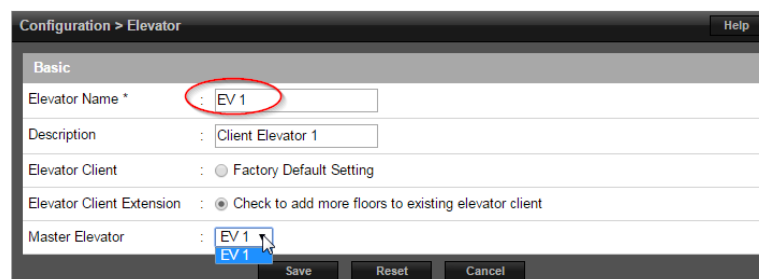
Click on EV2 and then click on the Edit button.



Next click the radio button to add more floors to existing elevator client



After the radio button is selected, the Configuration > Elevator displays changes to indicate the elevator client is now an extension. The cab controller is selected from the Master Elevator list. In this example there is only one controller, EV1. At this time the Elevator Name (and Description) can be changed. Recommend changing the Elevator Name to match the selected Master Elevator. When finished, click the Save button.



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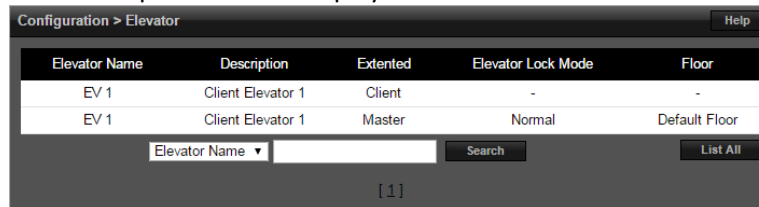
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The status of the elevators is updated in the display as shown below.



Configuration > Elevator

Elevator Name	Description	Extended	Elevator Lock Mode	Floor
EV 1	Client Elevator 1	Client	-	-
EV 1	Client Elevator 1	Master	Normal	Default Floor

Elevator Name [] Search List All

[1]

Clicking on the Door icon then on Elevator Action on the sub menu shows that EV 1 has 16 outputs, which indicate EV 1 can control up to 16 floors.



Administration > Elevator Action

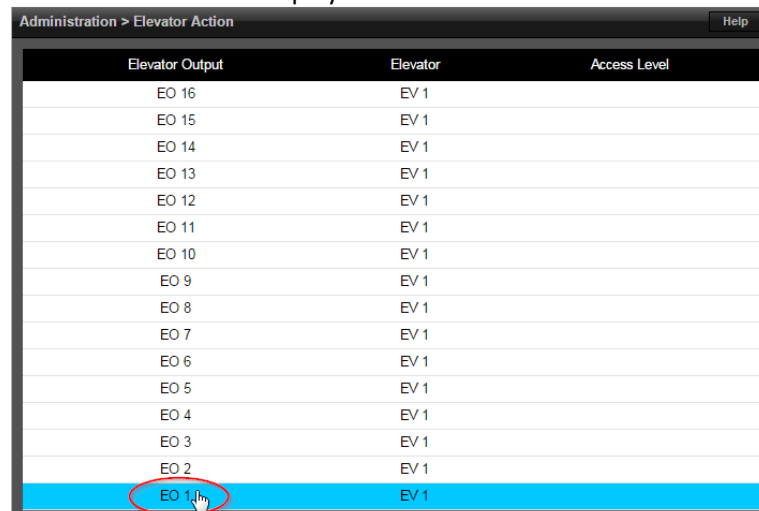
Elevator Name	Outputs
EV 1	16

Elevator Name [] Search List All

Access levels are assigned to the individual elevator outputs from the Elevator Action menu. For example, there is a schedule called Week Day Hours that is assigned to access level Week Day. Access level Week Day includes Door 1. This will be assigned to EO 1 which will be called First Floor.

Note: Access levels must have at least one assigned door to be valid.

Click on EV 1 and then on EO 1 when it is displayed.



Administration > Elevator Action

Elevator Output	Elevator	Access Level
EO 16	EV 1	
EO 15	EV 1	
EO 14	EV 1	
EO 13	EV 1	
EO 12	EV 1	
EO 11	EV 1	
EO 10	EV 1	
EO 9	EV 1	
EO 8	EV 1	
EO 7	EV 1	
EO 6	EV 1	
EO 5	EV 1	
EO 4	EV 1	
EO 3	EV 1	
EO 2	EV 1	
EO 1	EV 1	

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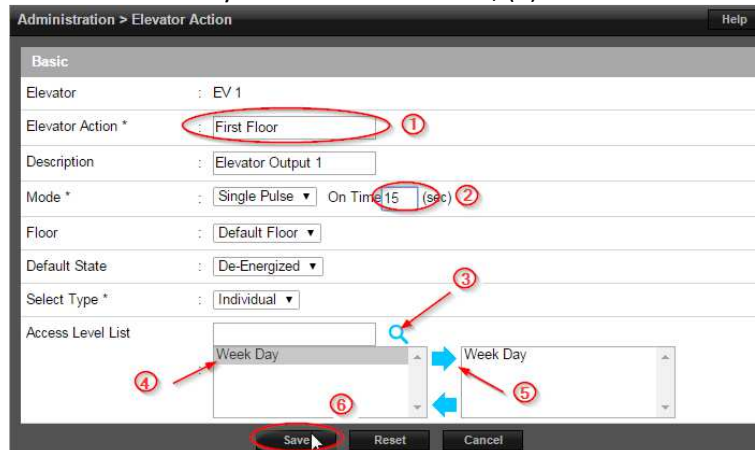
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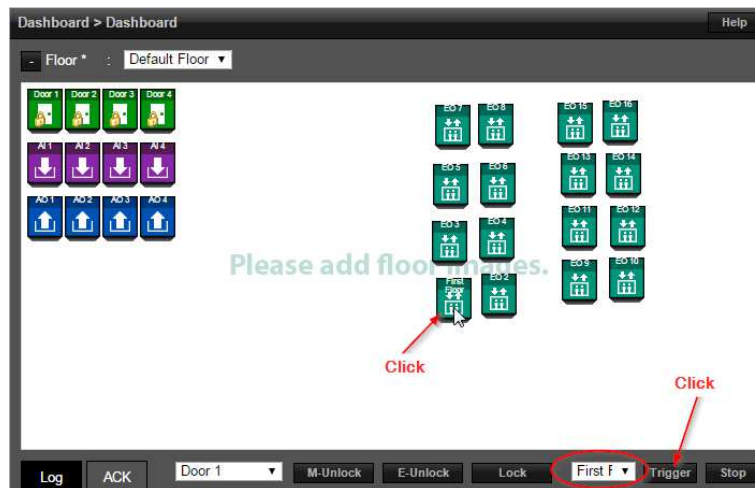
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After the web page is displayed for EO 1, click the edit button and (1) change Elevator Action to First Floor; (2) change On Time to 15 seconds; (3) click on the search icon, (4) highlight Week Day and (5) click on the upper arrow to move Week Day into the selection box; (6) click save to finish.



Now the elevator output First Floor (EO 1) is accessible with any card that is assigned the Week Day access level.

An individual elevator output can be released from the dashboard. For example, if a visitor needs to access the First Floor, click on the related elevator icon on the floor map and then click on the Trigger button. This releases the First Floor and it can be accessed without a card. Note the selected elevator output is displayed in the list box.



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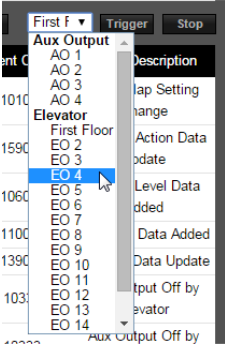
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As an alternative, the elevator output can be selected from the list box and released in a similar manner.



***Note: The Stop button can be used to immediately lock an elevator output
That is open due to an unlock schedule.***

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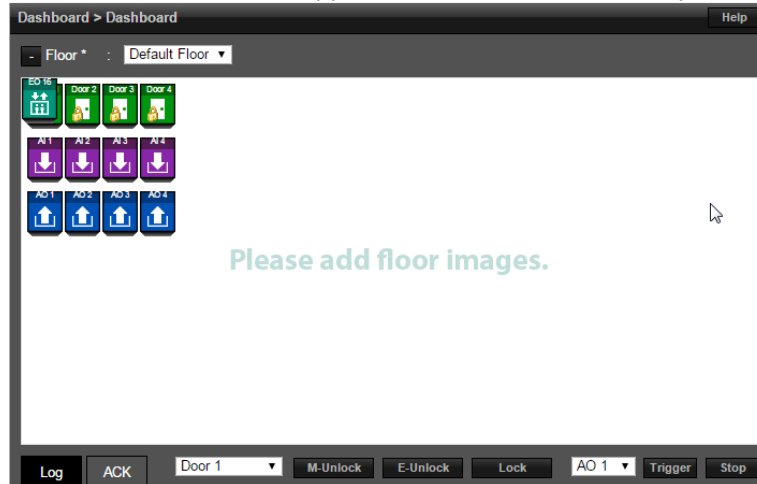
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Moving the Elevator Icons on the Floor Map

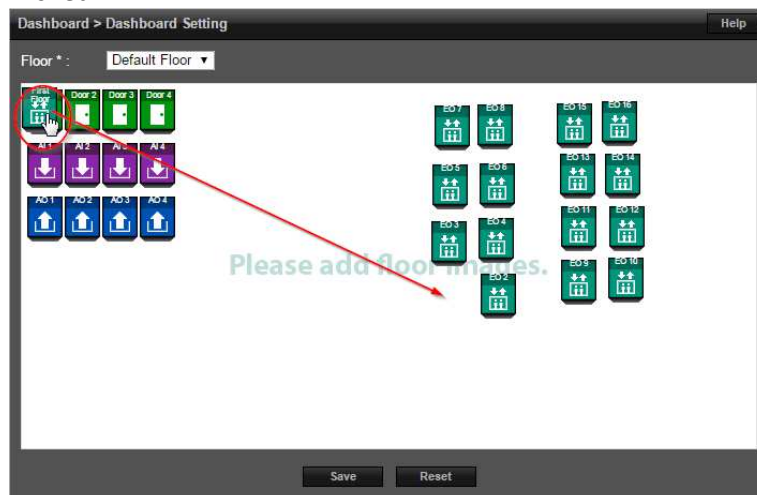
Initially the elevator icons are stacked in the upper left corner of the floor map on the dashboard.



To move them to a different location, click on the Dashboard icon then on Dashboard Setting in the sub menu.



Click and hold on the icon, then drag and drop the individual elevator icons to a new location. Click the Save button when finished.



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Setting up Free Access to Elevator Output

Click on the Schedule icon then on Unlock Schedule in the sub menu.



After the web page is displayed for Unlock Schedule click on New button and (1) Enter Unlock Schedule name (Free Access); (2) select schedule from the dropdown (Week Day Hours); (3) select Elevator from the Select Type dropdown; (4) Click on the search icon; (5) from the list of Elevator floors select the (First Floor); (6) and click on the upper arrow to move First Floor into the selection box (➡); (7) click Add to finish.

This will unlock the First Floor elevator output and follow the schedule Week Day Hours (800-1800).

Administration > Unlock Schedule Help

Basic

Unlock Schedule Name * : Free Access ➡ (1)

Schedule * : Week Day Hours ▼ (2)

Select Type : Elevator ▼ (3)

Unlock Device

EO 4

EO 3

EO 2

First Floor ➡ (5)

(4) (6) (7)

Add Reset Cancel

No	Unlock Schedule Name	Schedule	Unlock Device
1	Free Access	Week Day Hours	First Floor

New Unlock Schedule Name ▼ Search List All

[1]