

## IC-EDGE Quick Configuration

In an IC-EDGE system, one of the devices must be set as the **Edge Controller** which acts as a server for the other devices in the system. Only a **Turbine device** can serve as an Edge Controller.

### 1 Set the Edge Controller

1. Connect the Turbine device designated as the Edge Controller to a network switch
  - Do not connect any other devices at this point
2. Connect your PC to the network switch
3. Log on to the device using a web browser
4. Select **Main > Main Settings**
  - Select **Edge Controller** as Mode
  - Select **Model** (TCIS, TMIS)
  - Select **Static IP**
  - Enter **IP Address, Subnet Mask, Gateway**



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Edge Controller

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### Mode

Select preferred mode for your device. If your system is Edge, please log on to the device you will use as the Edge Controller. You can do all configuration of yo devices from the Edge Controller.

☐ ICX-AlphaCom  
☐ Exigo  
☐ SIP  
☐ Edge  
☒ Edge Controller

### Product Model And Accessory

Model: Mini (TMIS-1, TMIS-2)

### IP Settings

DHCP ☐ Static IP ☒

IP Address:	10	9	8	134
Subnet Mask:	255	255	255	0
Gateway:	10	9	8	1
DNS Server 1:	0	0	0	0
DNS Server 2:	0	0	0	0
Hostname:	zenitel08020b			
Disable Reset to Factory default settings using frontboard and I/O:	<input type="checkbox"/>			
Read IP Address:	<input checked="" type="checkbox"/>			
Ethernet Speed 10 Mbit/s:	<input type="checkbox"/>			

SAVE

5. Click **SAVE**

## 2 Configure the Directory

Note that all configuration is done on the Edge Controller, which will push the configuration settings to all the Edge devices in the network, so it is not necessary to log onto each individual device.

1. Connect all the Edge devices to the network
2. Wait for the devices to boot up (approximately 60 seconds) before proceeding to the next step
3. Log on to the Edge Controller using its new IP address
4. Select **Edge Controller > System Configuration > Directory**
  - You should now see a list of all devices on the network. Only devices on the same subnet as the Edge Controller will be automatically discovered.



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### Directory

Auto Discovered Devices

Number	Name	SIP Password	Profile	DHCP / Static IP	Read IP Address	Play Tone
10	Main door		Default		<input checked="" type="checkbox"/>	
11	Back door		Default	<input checked="" type="checkbox"/> 10.9.8.17	<input checked="" type="checkbox"/>	
12	Deliveries		Default	<input checked="" type="checkbox"/> 10.9.8.38	<input checked="" type="checkbox"/>	
13	Reception		Default	<input checked="" type="checkbox"/> 10.9.8.34		
14	Gate A2		Default	<input checked="" type="checkbox"/> 169.254.1.100	<input checked="" type="checkbox"/>	

Total 5 devices discovered in the system.

5. Click **Play Tone** to identify the individual Edge devices on the network
  - You should hear a tone coming from the speaker of the device you selected
6. Enter **Number**, **Name** of all the Edge devices
7. Enter a **Static IP** address or enable **DHCP** to obtain an IP address from a DHCP server
8. Enable **Read IP Address** so that the device will speak its own IP address when it is offline and a Call Button is pressed
9. Click **SAVE**
  - The settings will now be pushed to all the Edge devices

## 3 Configure Direct Access Keys

Direct Access Keys (DAK) of all devices in the network can be configured via the Edge Controller.

1. Log on to the Edge Controller
2. Select **Edge Controller > System Configuration > Direct Access Keys**

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### Direct Access Keys

Buttons and Inputs

Number	Name	Buttons and Inputs
10	Main Door	<a href="#">Show/Hide Settings</a>
11	Back Door	<a href="#">Show/Hide Settings</a>
14	Gate A2	<a href="#">Show/Hide Settings</a>
12	Deliveries	<a href="#">Show/Hide Settings</a>
13	Reception	<a href="#">Show/Hide Settings</a>

Total 5 devices discovered

3. Click **Show/Hide Settings** for the device you want to configure

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### Direct Access Keys

#### Buttons and Inputs

Number	Name	Buttons and Inputs
10	Main Door	Show/Hide Settings
Function		
Button 1	Idle: Call To	13
	Call: End Call	Filter Dir. No.
		Ringlist 1
		On Key Press

- Enter the number you want the DAK to call
- Click **SAVE**

Repeat the same procedure to configure the DAKs of all the Edge devices in the network.

## 4 Set System Time

By setting **System Time**, the Edge Controller will obtain the date and time from the NTP server and update all devices in the IC-EDGE system with the correct time settings.

- Select **Edge Controller > System Configuration > System Time**

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### System time

Description	Configuration
NTP server	pool.ntp.org
Region	Europe
Zone	Oslo

SAVE

- Enter values for the following parameters
  - NTP server:** URL or IP address of the NTP server
  - Region:** Select region of the world
  - Zone:** Select local zone
- Click **SAVE**

When Region and Zone are selected, Daylight Saving Time will automatically be adjusted accordingly.

## 5 Set Credentials

The default device login credentials are:

User = **admin**

Password = **alphaadmin**

For security reasons, it is recommended to change the default password.

You can change the password on all connected devices in the system in a single operation from the Edge Controller.

- Select **Edge Controller > System Configuration > Credentials**

Description	Configuration
User	admin
Old Password	<input type="password"/>
New Password*	<input type="password"/> *Password can contain only letters and numbers.
Confirm New Password	<input type="password"/>

SAVE

- Enter values for **Old Password**, **New Password** and **Confirm New Password**
- Click **SAVE**

The new password will now be pushed to all the Edge devices in the system.

## 6 Verify System Setup

- Select **Edge Controller > System Overview**

Number	Name	Status	IP Address	Profile	Type
10	Main Door	Registered	10.9.8.7	Default	Vingtor-Stentofon Device
11	Back Door	Registered	10.9.8.117	Default	Vingtor-Stentofon Device
12	Deliveries	Registered	10.9.8.127	Default	Vingtor-Stentofon Device
13	Reception	Registered	10.9.8.134	Default	Vingtor-Stentofon Device
14	Gate A2	Registered	10.9.8.110	Default	Vingtor-Stentofon Device

Total 5 devices in server directory: 5 registered, 0 unregistered

All devices that have been configured and are up and running in the system should be displayed in the table and have status **Registered**.

Verify that the system works as expected:

- Make calls to and from devices in the system
- Check that DAKs are placing the call to the correct destination
- Verify that Relay operation is according to configured behavior
- Adjust Audio Settings if required



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[https://wiki.zenitel.com/wiki/Category:IC-EDGE\\_System](https://wiki.zenitel.com/wiki/Category:IC-EDGE_System)