

Integrating Bosch IP Speaker with Viewscape SIP



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Pre-requisite:

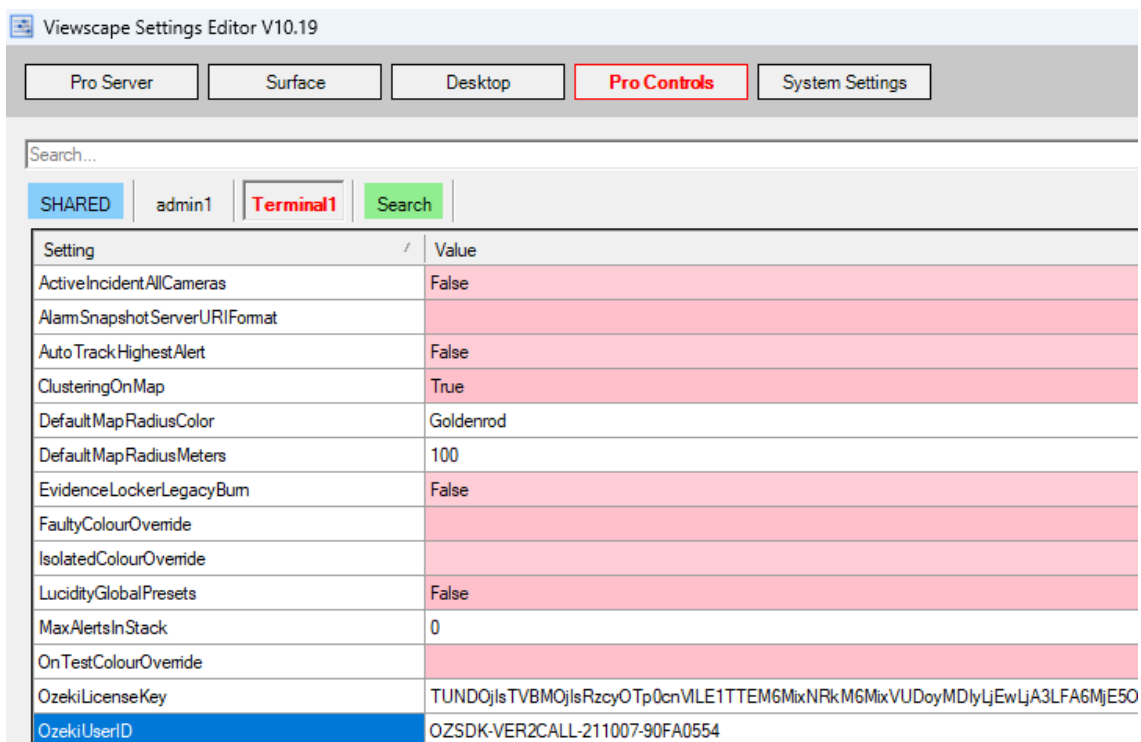
- Viewscape
- SIP server
- Ozeki License Key
- SIP should be enabled in viewscape
- Bosch IP horn speaker web client

Ozeki License Key -

TUNDOjlsTVBMOjlsRzcyOTp0cnVLE1TTEM6MixNRkM6MixVUDoyMDIyLjEwLjA3LFA6MjE5OS4wMS4wMX
xic09oNnYxc2dxcXZjYUxrRWZlY2JHVGtITG5mTjFsaGtjMzlBV1o4WE8yRHBDekp3R0N5TVZ4dHpDcnRwY
k5meTYxZTB5ZVdOTUF2QVY0TkZHbk1mZz09

Ozeki User ID - OZSDK-VER2CALL-211007-90FA0554

- To add this license key, you need to open setting editor
- Go to pro controls
- Fill in all the details and restart the pro server.
- Refer to the image below



SIP Server setting

- You need to have a SIP server for the integration to work
- You need to create users in your SIP server
- Refer to the image below.

The screenshot displays a web-based user management interface. On the left, a sidebar titled 'Endusers' contains a list of existing users: 1111, 1212, 2222, 555, 777, 888, 999, sysanonymous, and testuser. The main content area is for creating or editing a user. It features a 'Type' dropdown menu set to 'Enduser'. Below this, the 'Full Name' field is populated with 'user_template'. An 'Authentication' section contains an 'Auth type' dropdown set to 'Username/Password must match [4]'. At the bottom, the 'Username' field is set to '1111' and the 'Password' field is set to '77776958941332'.

- Then you should check the following
- Server IP – (Need to connect with client SIP)
- SIP port – 5060 (this is default port, check this in your bosch web client)

* The server we are using is Mizo Tech VOIP. It is a free SIP server with ability to create 20 users and 5 call simultaneously

<https://www.mizu-voip.com>

Bosch Web Client Settings

- Once your server is running and you have created few users. We need to add 1 user into the Bosch web client
- Open Bosch web client (Enter the IP address of the speaker in web browser)
- Enter login details
- Open SIP settings and select SIP accounts
- Add a new account
- Account type will be registrar
- Now enter the username a password for the user you have created in the server.
- Enter the IP address for the SIP server in the registrar
- Click save and check is the account is enabled and registered
- Refer to the images below.

✕



Edit SIP account

Please enter details for the SIP account

☒ Account enabled

Account type Registrar	Transport protocol UDP	Media encryption None
Username 1111	Password	Registrar 10.192.0.212
Payload type for telephone-event 101	NAT traversal method None	Registration expiry 30
Fallback registration expiry 0	Registration priority 0	Relative registration wait delay (%) 95
Proxy 1 IP	Proxy 1 username	Proxy 1 password
Proxy 2 IP	Proxy 2 username	Proxy 2 password

SaveCancel

Enabled	Label	Account type	
<input checked="" type="checkbox"/>	1111@10.192.0.212	Registrar	Account registered  

Viewscape setting

- Launch viewscape application
- Create a new device and the device type will be viewscape SIP phone
- Fill in the necessary details
- Sip Exchange Address- your SIP server address
- SIP Port – your server SIP port
- SIP username – the user you have created in the server
- SIP Password – password for the user you have created in the server
- SIP display Name – the name you want to display at the receiver's phone (keep the same as username)
- Refer to the image below

The screenshot shows a 'Device' configuration window with a blue title bar. The 'Name' field contains 'SIP Bosch IP horn'. The 'Device Type' dropdown is set to 'Viewscape SIP Phone'. The 'Event State Routing' dropdown is set to '<< NONE >>'. A 'Reset To Unknown State' button is located to the right. Below these fields is a tabbed interface with tabs for 'ID', 'Pro Events', 'JSON', 'Location', 'Extension Dvcs', 'Extended Dvcs', 'Permissions', and 'Child Dvcs'. The 'ID' tab is active, showing a 'Workstation' dropdown set to '<< NONE >>'. Below this are fields for 'SIP Exchange Address' (10.192.0.212), 'SIP Port' (5060), 'SIP Username' (555), 'SIP Password' (555444), and 'SIP Display Name' (555). At the bottom of the window are buttons for 'Add', 'Delete', 'Edit', 'Close', and 'Cancel'.

Device

Name
SIP Bosch IP horn

Device Type
Viewscape SIP Phone

Event State Routing
<< NONE >>

Reset To Unknown State

ID | Pro Events | JSON | Location | Extension Dvcs | Extended Dvcs | Permissions | Child Dvcs

Workstation
<< NONE >>

SIP Exchange Address
10.192.0.212

SIP Port
5060

SIP Username
555

SIP Password
555444

SIP Display Name
555

Add | Delete | Edit | Close | Cancel