

RingCentral Provisioning Guide for All Algo SIP Endpoints

Need Help?

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Introduction

An Algo SIP Endpoint may be provisioned as a Paging Device and/or with its own Digital Line on the RingCentral platform.

Paging Device Configuration

Paging devices can be provisioned to the system without a digital line. To page, dial *84. When prompted, enter the page group number followed by #.

Note: Paging devices cannot originate or receive regular telephone calls.

In the RingCentral web admin portal, go to “Phone & Devices” -> “Paging Devices”. Click on “+ Add Device”, enter a Device Nickname and click “Next”. The SIP credentials will be displayed, copy and paste them to the Algo device.

- RingCentral “SIP User ID” is entered into the Extension field
- RingCentral “Authenticate ID” is entered into the Authentication ID field
- RingCentral “Authenticate Password” is entered into the Password field
- RingCentral “SIP Server” and “Local SIP Port” are entered into the SIP Domain (Proxy Server) field

The screenshot shows the RingCentral web admin portal's SIP Settings page. The 'Basic Settings' tab is active. The 'SIP Domain (Proxy Server)' field is set to 'sip.ringcentral.com:5060'. The 'Ring/Alert Mode' section has 'None' selected. The 'Base/Page Extension' field is set to '16049008054*803667316024'. The 'Authentication ID' field is set to '803667316024'. The 'Authentication Password' field is masked with dots. A 'Save' button is visible at the bottom right.

RingCentral "Outbound Proxy" and "Outbound Proxy Port" are entered into the Outbound Proxy (Advanced Settings -> Advanced SIP) field.

The screenshot shows the 'Advanced SIP Settings' page in the Algo web interface. The 'Advanced Settings' tab is selected, and the 'Advanced SIP' sub-tab is highlighted. The 'Outbound Proxy' field is set to 'sip10.ringcentral.com:5090'. Other settings include SIP Transportation (Auto), SIPS Scheme (Disabled), SDP SRTP Offer (Disabled), and SIP Outbound Support (RFC 5626) (Disabled).

Check registration status in the Algo web interface.

The screenshot shows the 'Device Status' page in the Algo web interface. The 'Device Status' tab is selected, and the 'Welcome to the Algo 8180G2 SIP Audio Alerter Control Panel' is displayed. The 'SIP Registration' status is 'Successful'. The 'Outbound Proxy' field is set to 'sip10.ringcentral.com:5090'.

Status		
Device Name	sipalerter	
SIP Registration	Page Successful	(Extension 16049008054*803667316024)
Call Status	Idle	
Proxy Status	Single proxy mode	

Check registration status in the RingCentral web admin portal.

The screenshot shows the RingCentral web admin portal interface. On the left is a navigation sidebar with options like 'Company Info', 'Phone Numbers', 'Auto-Receptionist', and 'Phones & Devices'. The main content area is titled 'Paging Devices' and includes a search bar, a 'Status' dropdown, and an '+ Add Device' button. Below this is a table with columns for 'Status', 'Name', 'Assigned Groups', and 'Operation'. One row is highlighted with a red oval, showing a green status icon, the name '8180 Paging Dev Test', and the group 'Paging Test'.

Once the Paging Device has been created and registered, the next step is to add it to an existing Paging Group or create a new one. Go to "Group(s) / Other(s)" -> "Paging Only". Click on "+ New Paging Only", enter a Group Name and Extension Number, click "Save". In the next window click "Yes" to configure the group.

Expand "Paging" and assign one or more devices to the Group.

The screenshot shows the 'Paging Only' configuration window in the RingCentral web admin portal. The window title is 'Paging Test (Ext. 18)'. It has a 'Paging Only Details' section with a 'Paging' dropdown menu circled in red. Below this is a 'Devices to Receive Page' section with a search bar and a 'Phone Type' dropdown. A table lists devices to be selected, with the '8180 Paging Dev Test' device checked and circled in red.

Phone Type	Phone Name	Ext.
<input checked="" type="checkbox"/>	Paging Device	8180 Paging Dev Test

Configure the permissions under “Users Allowed to Page this Group”.

The screenshot shows the ALGO web interface for configuring a Paging Only group. The left sidebar contains navigation options: Company Info, Phone Numbers, Auto-Receptionist, 1 Group(s) / 0 Other(s), and Phones & Devices. The main content area has tabs for Call Queues, Paging Only, Shared Lines, Park Locations, Call Monitoring, and Others. The 'Paging Only' tab is active, displaying a search bar and a '+ New Paging Only' button. Below this, a list of paging groups is shown, with 'Paging Test' selected. The details for 'Paging Test (Ext. 18)' are displayed, including a 'Paging' section and a 'Users Allowed to Page this Group' section. The 'Users Allowed to Page this Group' section contains a search bar, a 'Department: All' dropdown, and a table of users. The table has columns for Name, Ext., and Department. The first row, representing user 103, has a checked checkbox and is circled in red. The other rows (101 and 102) have unchecked checkboxes.

Name	Ext.	Department
<input checked="" type="checkbox"/>	103	
<input type="checkbox"/>	101	
<input type="checkbox"/>	102	

Digital Line Configuration

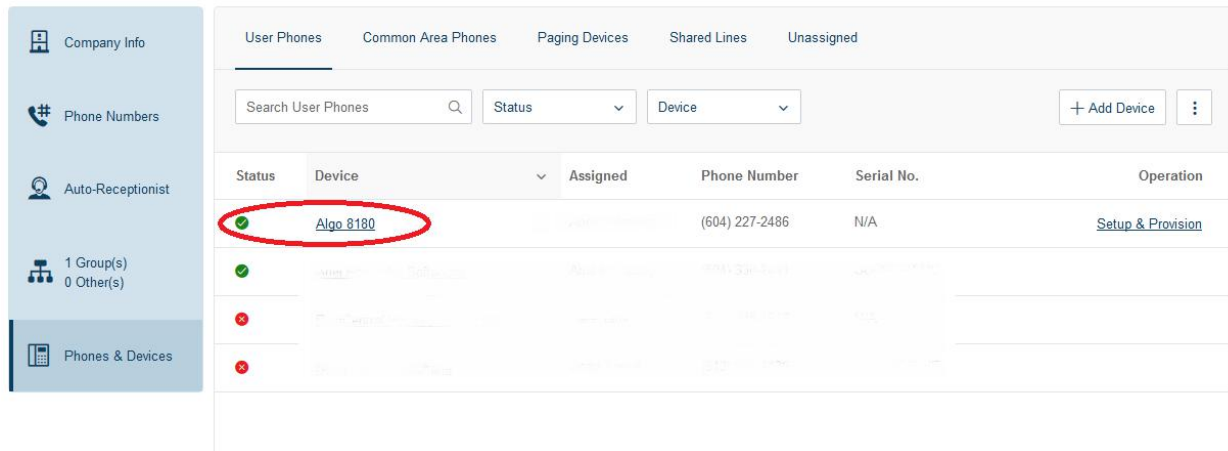
A digital line can originate or receive regular telephone calls.

In the RingCentral web admin portal, go to "Phone & Devices" -> "User Phones". Click "+ Add Device". At step 3 "Buy Phones" choose "Other phones" and "Existing Phone". Keep following the steps until the end.

Once this is completed, click on "Setup & Provision" -> "Other Phones". Copy and paste the credentials to the Algo Endpoint (*check example above for Algo configuration screenshots*):

- RingCentral "SIP User ID" is entered into the Extension field
- RingCentral "Authenticate ID" is entered into the Authentication ID field
- RingCentral "Authenticate Password" is entered into the Password field
- RingCentral "SIP Server" and "Local SIP Port" is entered into the SIP Domain (Proxy Server) field
- RingCentral "Outbound Proxy" and "Outbound Proxy Port" are entered into the Outbound Proxy (Advanced Settings -> Advanced SIP) field.

Ensure registration on the Algo device Status tab and on RingCentral portal.



Status	Device	Assigned	Phone Number	Serial No.	Operation
✓	Algo 8180	✓	(604) 227-2486	N/A	Setup & Provision
✓
✗
✗