

Cisco ATA 191 to MSTV

MSTV Migration Guide

SECTION 1

Point ATA 191 to Microsoft Teams

Re-provision the ATA to point to the Microsoft Teams SIP Gateway.

1

Enable SIP Gateway in TAC

Make sure SIP Gateway is enabled in Teams Admin Center (TAC) before proceeding. See the link in the Reference section below for SIP Gateway setup, if needed.

2

Connect & confirm internet access

Make sure the ATA 191 can reach microsoft.com through the firewall. Ask the local/customer network engineer. Have them look at the IP address via the ATA MAC and check the subnet/VLAN.

3

Get the IP address

Plug an analog phone into Port 1. Dial **** 110# to get the IP address.

4

Open the web UI

Type the IP address in a local browser to open the Cisco 3PCC interface. Default credentials: admin / admin. Factory reset if needed — hold the reset button for 10 seconds until all lights flash rapidly.

5

Set the Profile Rule

Once logged in, click Voice → Provisioning → Profile Rule. Change the Profile Rule to: `http://noam.ipp.sdg.teams.microsoft.com/mac.cfg` — Save and allow the device to reboot. Confirm the Profile Rule has changed to: `https://usea.dm.sdg.teams.microsoft.com` after reload. If it has — success. If not, check network/DHCP and/or the URL.

SECTION 2

Verification in Teams

Provision and activate the device in Teams Admin Center.

1

Open Provision Devices in TAC

Go to Teams Admin Center → SIP Devices → Actions → Provision Devices.

2

Enter the Hardware ID

Use Hardware ID format: MAC address followed by the port number. Port 1 = 1A-2B-3C-4D-5E-6F:001, Port 2 = 1A-2B-3C-4D-5E-6F:002. Name the locations Port 1 and Port 2.

3

Generate & share the verification code

Generate a verification code. Communicate that code to whoever is physically at the ATA. To generate the verification code — the button is above the Hardware IDs.

4

Activate from the analog phone

Have the person dial the following sequence from the analog phone on the port: * 55 * (verification code) e.g. * 55 * 123456. You should hear a chime confirming activation. This moves the ATA in TAC from Waiting for Activation to Waiting for Sign-in.

SECTION 3

Sign In ATA 191 with an Account

Assign a Teams account to the port and complete sign-in.

1

Create an account for the port

After activation, you need a Teams account created for each port that is going to be in use. Each Teams account needs a Shared Device License. Create the accounts with passwords. Make sure they are excluded from MFA requirements in Entra. An administrator to the tenant can do all this. After the users, passwords, and licensing are all created and assigned, then you can move to the next step.

2

Set Phone Number and Calling Policy

Assign a number to the port by assigning a phone number to the user for that port (e.g. ATA1-Port1@contoso.com). Find the user in Manage Users and assign the phone number. Check the calling policy as well — make sure it is set to allow SIP Devices. If there isn't one already listed in Calling Policies, create a new calling policy that allows SIP Devices.

3

Generate an activation code

In TAC → SIP Devices → Actions → Provision Devices → Waiting on Sign-in. Click on the ATA you're signing in and click Generate Activation Code. Share that code with whoever is completing the sign-in. The code is only good for 2–3 minutes — generate a new code while someone is signing into aka.ms/siplogin for best results.

4

Sign in at aka.ms/siplogin

Go to <https://aka.ms/siplogin>. Enter the User, Password, and Activation Code, then sign in. This is where we usually run into trouble with MFA. If it doesn't allow you to login, make sure the account is excluded from needing any MFA to log in.

5

Test

Make sure the number is assigned to the user and is routed to ring to Microsoft Teams via Operator Connect from your provider. Place test calls in and out to confirm the ports are fully operational.

REFERENCE

SIP Gateway Configuration (Microsoft)	learn.microsoft.com/en-us/microsoftteams/devices/sip-gateway-configure
Teams SIP Device Sign-in	microsoft.com/siplogin
Teams Admin Center	admin.teams.microsoft.com

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