

How to enable video support on VoipNow for calls between extensions

Applies to VoipNow 3 and higher!

Video calls between extensions are possible as long as you are using a VoipNow server and the terminals have video cameras. However, if you want to make public video calls through your carriers, you need to ask them if they are able to transport such calls.

Enable video codecs on your VoipNow server

STEP 1: Log in as admin in the web interface and go to **Unified Communications** in the left navigation panel.

STEP 2: You will be redirected to the **Unified Communications Settings** page where you need to select **Zero Priority**.

STEP 3: Under the **General** tab, you will find the **Allowed phone extension codecs** option. Here you have to enable codecs H.261, H.263, H.263 enhanced, H.264, VP8 and VP9 (starting with VoipNow 5) as shown below.

Unified Communications>
Zero Priority

Extension Settings

Number of seconds to call * 30

Maximum call duration * 120 minutes

Welcome extension

Welcome sound /welcome

Allowed phone extension codecs *

☒ G.711 A-Law	☒ G.711 u-Law	☐ G.722	☒ G.722.1 Siren14	☒ G.722.1 Siren7
☐ G.726 AAL2	☐ G.726 RFC3551	☐ GSM	☒ iLBC	☒ Opus 12kHz
☒ Opus 16kHz	☒ Opus 24kHz	☒ Opus 48kHz	☒ Skype Silk 16kHz	☒ Skype Silk 24kHz
☒ SpeeX 16kHz	☒ SpeeX 32kHz	☒ SpeeX 8kHz		
☒ H.261	☒ H.263	☒ H.263+	☒ H.264	☒ VP8
☒ VP9				

Enable video codecs on each extension

STEP 1: Open the management page of each extension which is supposed to make video calls.

STEP 2: In the **Tools** area, click on the **Provisioning and SIP** icon.

STEP 3: Enable all the codecs available in the **Allowed codecs** option as shown below.

SIP Preferences

Media encryption None Make sure that your client supports the crypto standard, otherwise calls will not work.

DTMF rfc2833

A PBX is connected to this extension ☒ Enable for SIP trunking service

Ping the extension to check its status ☒

Allow re-invites from this extension ☐

Extension publishes its own state ☐

Force enable of MWI ☐

Allowed codecs *

☒ G.711 A-Law	☒ G.711 u-Law	☐ G.722.1 Siren14	☐ G.722.1 Siren7	☐ iLBC
☐ Opus 12kHz	☐ Opus 16kHz	☐ Opus 24kHz	☐ Opus 48kHz	☐ Skype Silk 16kHz
☐ Skype Silk 24kHz	☐ SpeeX 16kHz	☐ SpeeX 32kHz	☐ SpeeX 8kHz	
☒ H.261	☒ H.263	☒ H.263+	☒ H.264	☒ VP8
☒ VP9				

As soon as all modifications have been saved, video support will become available for calls between extensions.

Related articles

- [How to enable video support on VoipNow for calls between extensions](#)
- [How to debug incoming calls](#)
- [Troubleshooting calls and debug steps](#)
- [Troubleshooting busy tone when trying to call](#)
- [How to debug 504 gateway timeout](#)