



Skype Connect™ Certification Overview

Version 3.1

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Introduction to Skype Connect

Skype has revolutionized internet communications by extending Skype to the global business community with Skype Connect.

Skype Connect™ lets a business:

- Make calls, taking advantage of Skype's low cost global calling rates to landline and mobile phones.
- Purchase Online Numbers, to receive calls from landlines and mobiles in their SIP-enabled PBX.
- Assign business accounts to SIP Profiles and set up Skype buttons so people with Skype can call them for free through Skype.
- Create multiple SIP Profiles to manage usage and expenditure (if accepted by their SIP-enabled PBX).
- Set up Caller ID for their SIP Profiles so their customers know they're calling.

By integrating Skype Connect into their existing communication systems, businesses can potentially save time, save money and stay ahead of the competition.

Skype Connect certification program

Skype is committed to providing as high a quality of experience as possible when using Skype Connect with a SIP-enabled PBX. We'll also provide links to helpful resources and technical support to integrators of IT products that implement business internet communication solutions.

While members could use any SIP-enabled device or hardware, using Skype Connect certified SIP-enabled PBXs ensures a more predictable quality of experience. Resources are available to show how a business can get the most out of Skype Connect and their Skype Connect certified SIP-enabled PBX.

The Skype Connect certification program certifies SIP-enabled PBXs against industry standards, common SIP PBX features and call flows. First, we check the technical aspects of ensuring Skype Connect and your SIP-enabled PBX are interoperable. If this is successful, we promote your SIP-enabled PBX on the Skype website and work closely with you to ensure your next generation of SIP-enabled PBXs and their features remain compatible with Skype Connect.

Skype Connect supports the following industry standards:

- **Protocol** SIP (RFC3261)
- **Far End NAT traversal** NAP/T
- **Privacy extensions** RFC3325
- **Mid call codec change** Re-INVITE for various third party call control features including Call Hold, Call Transfer, Park, Call Divert and other types of SIP-enabled PBX call types
- **IP transport** UDP and TCP/IP
- **Authentication** SIP DIGEST or IP Authentication
These are requested for both REGISTER and INVITE
- **Registration** Automatic NAT detection and change of registration timers
- **Channels** Maximum of 300 simultaneous calls
- **Codecs** G.729 (Annex A and B) and G.711 ulaw/ALaw
- **DTMF method** RFC2833
- **Number format** E.164 (country code and national number), international number format for all calls
- **Fax** Skype does not support Fax or T.38
- **Emergency calls** Skype does not support calls to emergency services

Once you have Skype Connect certification, you'll be able to use the Skype Connect certified logo in your sales and marketing material (subject to acceptance of the Skype Connect certified logo license terms and conditions). We also encourage you to build auto-configuration tools in your SIP-enabled PBX management systems to help administrators simplify the process of setting up Skype Connect and to maintain a high quality of experience.

The Skype Connect certification program aims to:

- Certify SIP-enabled PBXs for use with Skype Connect to ensure a high quality of experience.
- Provide Skype Connect administrators with a link to your website and configuration guide for setting up Skype Connect with your Skype Connect certified SIP-enabled PBX.
- Add your company, logo and the Skype Connect certified SIP-enabled PBX model and version to the Skype Connect certified partner page.
- Provide dedicated technical support services to PBX vendors whose customers are using Skype Connect with their Skype Connect certified SIP-enabled PBX's (US business hours only).

When you apply for Skype Connect certification, we will set you up with a Skype Connect account that you can use for pre-certification testing. Once you're ready to start the Skype Connect certification process, all you need to do is contact our Skype Connect certification partner – tekVizion Labs. They will take you through certification testing and provide you with the certification if your testing is successful.

Throughout the certification process, you will have access to your own Skype Connect certification portal for reviewing test cases and open items.

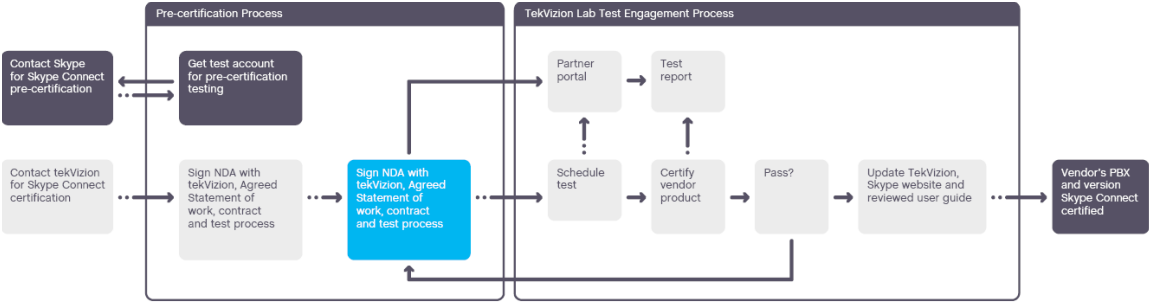


Figure 1: Skype Connect certification process

To get Skype Connect certification:

1. Contact the Skype Connect business team for a test account and a copy of the Skype Connect certification test plan.
2. Contact tekVizion Labs to schedule a test window at their facilities in Dallas, Texas, USA.
3. Send one of your SIP-enabled PBX units with any other relevant equipment to tekVizion’s facility in Dallas, USA where they will stage your equipment and, with your assistance, configure your SIP-enabled PBX and any other relevant equipment in their test environment.
4. On successful completion of the Skype Connect certification test plan, you will be awarded Skype Connect certification for your SIP-enabled PBX model and release version. You will be able to start using the Skype Connect certification logo (subject to acceptance of the Skype Connect certified logo license terms and conditions).
5. Create a configuration document or web page on your website which we can reference in our PBX partner pages at skype.com/business.

tekVizion Labs can be contacted on:

sales@tekvizion.com
 tekVizion PVS, Inc.
 2301 N. Greenville Ave
 Suite 400
 Richardson, TX 75082
 Phone: + 1 214-242-5900
 Fax: + 1 214-242-5999

The Skype Connect business team can be contacted for test accounts at:

skypeforsipcert@skype.net

Access to a broadband internet connection is required. Skype is not a replacement for traditional telephone services and cannot be used for emergency calling. Skype Connect is meant to complement existing traditional telephone services used with a corporate SIP-enabled PBX, it is not a stand-alone solution. Skype Connect users need to ensure all calls to emergency services are terminated through traditional fixed line telephone services, connected to the local exchange, or through other emergency calling capable telephone services.

