



Welcome to Switchvox Cloud Services



Welcome to Switchvox Cloud Services and thank you for choosing us as your phone service provider. We are excited to have you as a customer and look forward to ensuring that you have an amazing experience. The purpose of this guide is to provide you with tools and information to ensure a smooth transition. Let's get started by meeting your onboarding team!

Your Onboarding Team



Sangoma Sales Account Manager

Chances are you are familiar with your Account Executive or Sangoma partner already. That person will help determine the appropriate Sangoma solution to meet your needs. They will also handle all pre-sales assistance until you are ready to place your order. This includes performing a Network Test to verify your network can reliably support a VoIP deployment.



Onboarding Team

The Onboarding Team will handle all the technical elements of your onboarding including the following:

- » Order Verification
- » Account Provisioning
- » Service Activation and Testing



Customer Success Representative

A Customer Success Team Member will be the primary contact if you need to add or modify your cloud service after activation. You can reach the Customer Success Team at 1 (256) 428-6175.



Technical Support Team

After your Switchvox Cloud service is activated, you can contact our technical support team for any post-sales assistance. If you are having service related issues or need help with configuration changes. You can reach technical support at 1 (256) 724-3555 or you can create a web case at sangoma.com/support/contact/.

Guide to Network Readiness

Far and away the most important key to success with hosted phone service is a reliable internal network. Let's take a look at some key factors and some ways to be prepared.

Network Components

One of the major benefits of Cloud-based phone systems like Switchvox Cloud is that you really don't need a lot of equipment to get started. Here's a list of components you will need for a quality network and a diagram of how it's all laid out:



Internet Connection

All of your phone calls and phone features will be controlled and passed over your Internet Service Provider (ISP). So as you can imagine, it's important that you have an Internet connection that is reliable and provides the necessary bandwidth. As a general rule, you need to have 100kb of bandwidth for every simultaneous call to be sufficient. So, if you predict that you will handle 10 simultaneous calls at your peak, you need to have a minimum of 1MB of bandwidth available for your phone system.



Modem

The modem is the device that is typically provided by your ISP, the link between their service and your office.



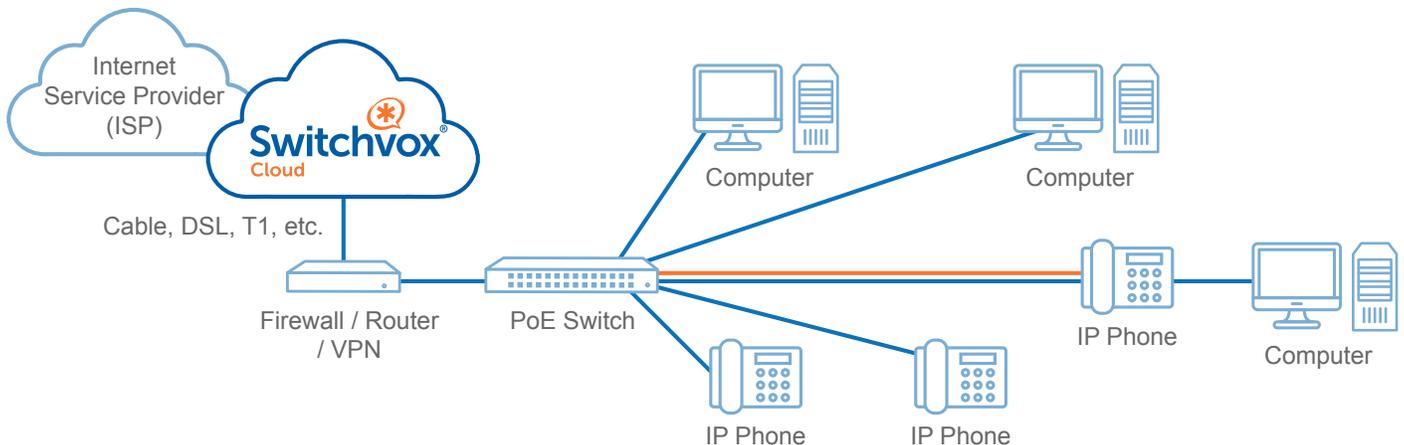
Switches

Network switches allow you to connect multiple devices to your network and are responsible for directing the appropriate traffic to those devices. In short, these are what your phones will connect to.



Router/Firewall

A router is a device in your network that is responsible for prioritizing and routing your network traffic as well as connecting devices to your Internet connection. A firewall is equipment that helps protect your company from malicious content and individuals when devices are connected to the Internet. See the section, Important Information Regarding Firewalls, for more detailed material.



Important Features



Quality of Service (QoS)

QoS is a feature available for routers and switches that ensures that the traffic generated by your phone calls receives priority over other traffic like general web traffic, video downloads, or social media viewing. It makes sure that your phone calls always come through and sound great regardless of what else is going on in your business. Sangoma recommends using routers and switches that support QoS to ensure your voice traffic gets priority on your network.



Power over Ethernet (PoE)

PoE is an optional feature available on some network switches that allows you to power IP phones over an Ethernet cable instead of an external power supply that connects to a wall outlet. The switch will power the phones for you so you can reduce outlet use and you don't have to spend any additional money to power your phones.

Need help with your network?

You can find helpful tools and tips at:

<https://www.sangoma.com/business-phone-systems/is-your-network-ready-for-voip/>

Get assistance from one of our local Sangoma partners:
Contact your account executive or call 1 (256) 428-6262.

Important Information Regarding Firewalls:

Before Sangoma Technologies, Inc. can activate your account, we will need you to prepare your network to receive our service. At a minimum, you will need to configure your firewall such that it:

- » Allows traffic to and from your network to Switchvox Cloud on the following ports and protocols
- » UDP port range 5060-5062 (SIP signaling)
- » UDP port range 10000-20000 (RTP media streams)
- » UDP port range 40000-50000 (Sangoma phone options signaling)
- » Disables SIP Application Layer Gateway (SIP ALG) functionality or any other SIP transformation functionality available in your firewall
- » Enables consistent Network Address Translation (consistent NAT) functionality where available
- » Applies Quality of Service (QoS) priority to traffic moving to and from the Sangoma Cloud Services network on the ports referenced previously (SIP signaling, RTP media streams, Sangoma phone options signaling)

A failure to properly implement these configurations *will* result in one or more of the following service issues:

- » Poor call quality
- » One-way audio on phone calls
- » Inability to connect phones to our service
- » Inability to make and take phone calls over our service

Sangoma Technologies, Inc. recommends you consult your IT resource(s) in advance of your scheduled activation call to make sure they are able to implement the required configurations. If your IT resources require further information or assistance, they can access the Switchvox Cloud knowledge base in our support portal at <https://www.sangoma.com/support/switchvox-cloud/>.

The Onboarding Process

Here is a step-by-step of what to expect to get you up and running with Switchvox Cloud. Here is an overview of what will occur.

STEP 1

Welcome & Introduction:

- » Welcome to Switchvox Cloud
- » Gather necessary information for basic Onboarding Wizard configuration and number porting. It is important to note that your order will not move forward until your Onboarding Wizard information is submitted.
- » Review your order for accuracy
- » Explore available resources and sign up for Switchvox Cloud training

STEP 2

Implementation Review:

- » Review configuration information submitted during the welcome process
- » Review any further advanced configuration that may be necessary including call routing
- » Review router and firewall configuration
- » Review number porting process and status

STEP 3

Activation:

- » Verify network readiness
- » Verify configuration is complete including call routing, IVR and correct extension information
- » Review number porting status
- » Confirm advanced setup requirements are complete to satisfaction
- » Confirm and test deployment

Number Porting Process

It's important to many customers to keep their existing phone numbers for their company. It is absolutely possible to transfer your existing numbers (number porting) to the Switchvox Cloud service. During our initial information collection, we will retrieve the necessary information to begin the number porting process.

Here are some important things to know regarding number porting:

- » The number porting process can take 10-15 business days on average to complete and as long as 60+ days
- » **Toll Free Number Porting** averages 7-10 days but can take as long as 30+ days
- » A copy of your current bill is required and completion of the porting process is entirely dependent on the transfer by your current carrier
- » Please contact your current provider to ensure your numbers are **fully portable**. We can not override any freezes or account holds your provider may place on your number(s).

What information is Needed?

Company information on file with your current provider (company name, billing and service address, billing telephone number, and name of authorized user on the account) Most recent invoice of current provider of numbers you are wishing to port over Active account with the current provider.

What's Next?

After all 3 steps are complete you will be ready to fully experience the power and flexibility of Switchvox Cloud. During the Welcome and Introduction steps, you will walk through the sign-up process for our free online Switchvox Cloud user training. Please take the time to go through the modules to take full advantage of the many features included with Switchvox Cloud.

We hope you enjoy your experience with Switchvox Cloud.

If you experience any difficulty during or after the onboarding process, please take advantage of the following resources.

Additional Network Resources

Here are some additional tools to help you build a Switchvox Cloud-ready network:

- » Switchvox Cloud Network Test
- » Sangoma Webinar: 5 Things You Need to Know to Make Your Network Ready for Cloud

Support

For technical support with Switchvox Cloud, please dial **1 (256) 428-6161** or toll free at **1 (877) 344-4861**.

You can also submit a case at sangoma.com/support/contact/

Access to Switchvox Training at sangoma.com/training/switchvox/

