



**Sangoma  
Connects.**

**S-Series of IP Phones**





## Sangoma VoIP Phones Feature Zero Touch Installation

Sangoma VoIP (Voice over Internet Protocol) telephones are so smart they are quickly and easily connected right out of the box. Each phone in the series gets power from an Ethernet cable connection using industry standard Power over Ethernet. No power cable or outlets required. They have full duplex speakerphones, dual Ethernet Ports, 5-way conference calling, high definition voice quality, and they're Virtual Private Network (VPN) capable.

VoIP telephones can be complex to install, and manually configuring many different parameters and hundreds of extensions can take hours. With Sangoma's Zero Touch installation however, the phones connect as soon as they are plugged into the network. This Auto Provisioning feature alone will save significant time and money.

### Why is Sangoma Zero Touch Better?

When you buy and install your Sangoma phones, the redirection server automatically sends the phone to the PBX for configuration. Other vendors have redirection servers, but they have to be programmed with details of the PBX IP. Only Sangoma can provide Zero Touch provisioning with FreePBX and PBXact.

Each phone also comes with Sangoma EndPoint Manager software built right in. With EndPoint Manager users can:

- » Control global settings;
- » Program phone keys;
- » Map extensions to MAC addresses and templates;
- » Upload images;
- » Download new firmware;
- » Scan the network for non-provisioned phones.

Designed for FreePBX and PBXact, Sangoma phones feature Plug and Play deployment; native VPN for secure connections; phone and user management from the PBX control panel; and soft key functions like call flow management, queue management, presence, etc.

Since the VPN client software is included with the phone, remote users can easily and securely access an office-based PBX. There's no need for a VPN router at the remote or home office location. The system also traverses firewalls automatically.

### Full Integration with FreePBX Phone Apps

Once Sangoma's phones are installed, users can control complicated features directly from the phone. There's no need to remember feature codes. There's also no need to log in to the PBX panel to control the feature set.

### Why Choose Sangoma's IP Phones

- » Designed for FreePBX and PBXact
- » Plug and play deployments with Endpoint Manager
- » Zero Touch provisioning with Redirect Server
- » Native VPN support for security
- » Full integration with RestAPIs Phone Apps - simplified and menu driven intelligent apps
- » One stop shop for VoIP systems - gateways, SBC, cards, IP phones, software add-ons

# Choose the Sangoma phones that best suit your needs:



## s300

Full feature set phone at an entry level price point

- » 2 SIP Accounts
- » HD voice for great sounding audio
- » Built-in speakerphone for hands-free calling
- » Dual 10/100 Network



## s500

Fully featured phone ready for the most demanding user

- » 4 SIP Accounts
- » 3.5 inch full color display
- » Up to 28 programmable soft keys
- » Headset compatible
- » Dual 10/100/1000 Network



## s700

Fully featured phone ready for the most demanding executive

- » 6 SIP Accounts
- » 4.3 inch full color display
- » Up to 45 programmable soft keys
- » Headset compatible
- » Dual 10/100/1000 Network

*Accessories including headset adaptors and Power Supply Units are also available.*

**VoIP telephone system.** With Sangoma's family of telephones and industry expertise, everything a business needs for IP and Unified Communications can be ordered from a single vendor. Get the complete Sangoma solution: Private Branch Exchange (PBX), Gateways, Session Border Controllers, FreePBX Commercial Modules, and telephones – all in one bundle.

## Why Choose Sangoma?

Sangoma's customer-centric approach, product innovations, and worldwide network of distribution partners deliver the industry's best-engineered, highest quality, Internet Protocol and Unified Communications solutions, supporting "any app, anywhere" for businesses and service providers of all sizes. All Sangoma products are backed by more than 30 years of IP communications experience, expert engineering and technical resources, and a comprehensive warranty.

## Support and Professional Services

Sangoma offers a complete range of professional services, including technical support, software maintenance, training, deployment, and consulting services.

## Warranty

All Sangoma telephones are supported by a 1-year warranty. Extended warranties are also available.















## Find Out More

View a current list of available Sangoma products at [sangoma.com](http://sangoma.com).

# Technical Specifications

IP-Phones	s300	s500	sv700
SIP Account	2	3	6
Soft Keys	0	28	45
Display	132 x 64 pixels	Color: 3.5" 480 x 320	Color: 4.3" 480 x 320
Voice	Yes	Yes	Yes
Full Duplex Speakerphone	Yes	Yes	Yes
Ethernet	2 x 10/100	2 x 10/100/1000	2 x 10/100/1000
PoE	Yes	Yes	Yes
VPN Client	Yes	Yes	Yes
Conference Calling	5-way	5-way	5-way
Expansion Module	No	Coming Soon	Coming Soon

## User Applications

- |  |  |
|--|--|
|  Call Parking       |  Call Flow                |
|  Follow Me        |  Queue Agents           |
|  Do Not Disturb   |  Transfer to Voice Mail |
|  Conference Rooms |  Visual Voice Mail      |
|  Call Forwarding  |  Presence               |
|  Time Conditions  |  Queues                 |
|  Log In/Out       |  Contacts               |

## Voice Codecs Features

- » HD voice: HD handset, HD speaker
- » DTMF: In-band, RFC 2833, SIP INFO
- » Codecs: iLBC, G.722, G.711(A/μ), GSM\_FR, G.723, G.729AB, G.726-32
- » Full-duplex hands-free speakerphone with AEC (Acoustic Echo Cancellation)

## Phone Features

- » Multiple SIP accounts
- » Redial, call return, auto answer
- » Call hold, mute, DND (Do Not Disturb)
- » 5-way conferencing
- » One-touch speed dial, hotline
- » Direct IP call
- » Call forward, call waiting, call transfer
- » Ring tone selection/provisioning

## IP-PBX Features

- » Busy Lamp Field (BLF)
- » Support for multiple languages
- » Anonymous call, anonymous call rejection
- » Power over Ethernet (IEEE 802.3af) (PoE), class 3
- » Message Waiting Indicator (MWI)
- » Zero touch provisioning with Sangoma redirect server
- » Voice mail
- » Auto provisioning with FreePBX
- » Intercom, paging
- » Call park, call pickup
- » Music on hold