



# Six Good Reasons to Consider Sangoma

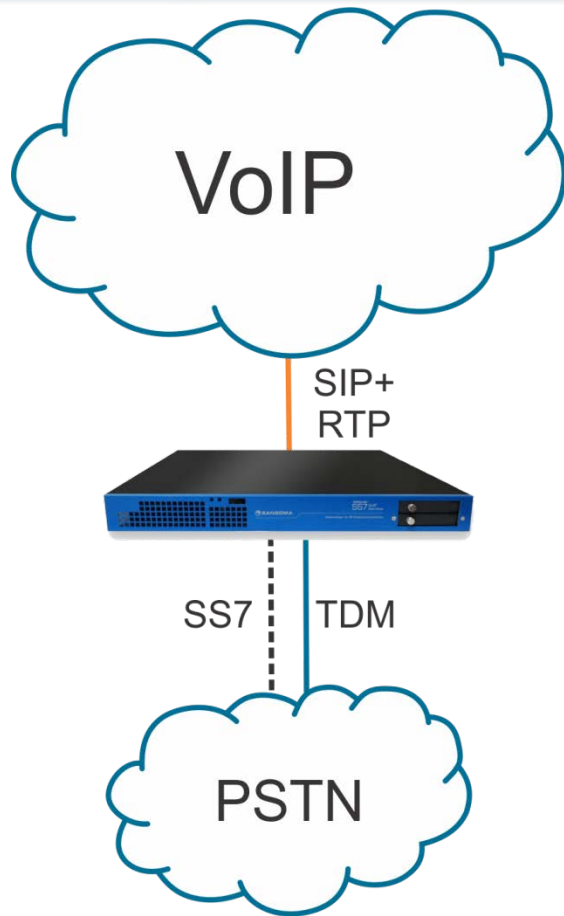
How Sangoma delivers cost-effective, high quality  
SS7 connectivity for your VoIP network.

NetBorder™  
**SS7** VoIP  
Media Gateway



CONNECT WITH SANGOMA

# Introduction



The world of telephony is changing to SIP, but not all at once. Modern VoIP networks still need to interoperate with the legacy PSTN. Customers expect the flexibility and price of VoIP and the reliability of traditional telephone systems.

Sangoma SS7 VoIP Media Gateway delivers the functionality you need to meet your customers requirements with a ROI that cannot be achieved with other vendors' gear.

# Six Reasons to Consider Sangoma

1. Excellent ROI
2. Wide range of protocol variants
3. Ultimate transcoding support
4. Simple licensing
5. Scalability to 256 spans per server
6. GUI: intuitive and easy

# Excellent ROI

A lower investment in equipment means your investment in infrastructure pays off faster, and your first day of profit is sooner.

- Full-featured
- Highly reliable
- Inexpensive

# Wide Range of Protocol Variants

Seamless interconnection between disparate networks.

- ISUP
- SIP
- Megaco (H.248)
- SIGTRAN (M2UA)

# One Appliance, Maximum Flexibility

Works all over the world. If you need a different ISUP flavor, contact us. Multiple point codes means access to multiple networks from a single box.

## SS7-ISUP Variants

- ITU
- ANSI
- Bellcore
- UK
- China
- India
- France
- Russian

## Network Topology

- Up to 16 A or F signaling links
- Up to 16 originating point codes
- Up to 16 destination point codes
- Up to 16 link sets

# Ultimate Transcoding Support

A wide range of industry-standard codecs means endpoints can all-ways connect, and there is always a choice of higher quality versus efficient bandwidth consumption.

## VoIP Codecs

- G.723.1
- G.722
- G.722.1
- iLBC
- G.729A/AB
- L8 (Linear 8K)
- L16 (Linear 16K)

## PSTN Codecs

- G.726
- G.711

## Mobile Codecs

- AMR
- G.722.2 AMR-WB
- EVRC
- GSM-FR/EFR
- QCELP

# Simple Licensing

Pay only for the number of spans in use: you have full access to the complete library of Sangoma features on every licensed span.

- License available for 4, 8, 16 or 32 spans
- All features available on every licensed span



# Scalable Spans

Right-size your network.

## Scalable

From

4 T1/E1 spans (96/128 channels)

To

256 T1/E1 spans (6144/8192 channels)

# GUI: Intuitive and Easy

Command line interfaces are obtuse and unwieldy. Sangoma's GUI is effective, efficient, and easy to use with a gentle learning curve.

- Intuitive
- Easy to learn
- No certification required
- Hides SS7 and SIP complexity
- Advanced troubleshooting features

# Conclusion

- Selected by carriers worldwide to:
  - Reduce OPEX
  - Extend legacy TDM network
  - Simplify management
- Reduce transcoding investment (CAPEX)
- Reduce operational expenditures
- Maximize voice revenues/margin
- Enhance network voice quality (QoS)
  - Increases call duration
- Improve business with quicker time to market
- Single-source SS7 to VoIP solution
- Maximize ROI with reduced equipment investment
- Scalable and flexible

# More Information

For more information about the Sangoma NetBorder SS7 VoIP Gateway Appliance:

[Visit Website](#)

[Download Datasheet](#)