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# SBC Core Portfolio (SBC 5000-7000-SWe) + Q-Series

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One of the primary objectives at Ribbon is to ensure Ribbon products interoperate with customers' existing network equipment. Ribbon interoperability testing is designed to prove interoperability with legacy equipment (TDM, H.323), multiple SIP vendors, SIP standards, application providers, international standards, and more.

This section provides interoperability test results (application notes) for these various scenarios. Be aware that these application notes are created for customers who have a good understanding of Ribbon SBCs and the PBX devices that are tested. This customer knowledge and experience is a key factor to understand the SBC and PBX configurations before these application notes are actually used in the field. These application notes are targeted for use by specific customers, and the provisioning information included in these application notes should only be implemented after the customer applies their proprietary SBC and PBX configurations on their servers.

Do not use these application notes to set up or provision any end-to-end solutions. These application notes include only information that was recorded while setting up for and executing specific test scenarios. Note that Ribbon product documentation is often referenced when configuring Ribbon products using the application notes since the intent is to use existing documentation when possible.

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## Third Party Applications



<b>Configuring the Sonus SBC Core Portfolio with BroadSoft BroadWorks R19.sp1</b>	v2.0	Mar 11, 2016
<b>SBC_5XX0_4.1.0R0_IOT_Broadsoft_R20SP1_ApplicationNotes</b>	v1.0	2014
<b>Sonus SBC 5XX0 5.0.1R0 IOT BroadWorks R21SP1 Application Notes</b>	v1.0	Sep 19, 2016
<b>Configuring the Sonus SBC Core Portfolio with BroadSoft BroadWorks R21.sp1</b>	v1.0	May 10, 2017
<b>Sonus SBC 5XX0 6.0R0 IOT BroadWorks R22 Application Notes</b>	v1.0	Aug 2017



**Sonus SBC 5XX0 V5.0.5R0 IOT CounterPath Bria Android SoftClient SIP Application Note** v1.0 Nov 2017



**Sonus SBC 5.1.1R0 IOT NICE SIP Recording Application Notes** v1.0 Aug 2017



**Sonus\_SBC\_5XX0\_4.0.0R0\_IOT\_Genesys\_8.1\_ApplicationNotes** v1.0 Mar 2014

**Sonus SBC Core 4.0.0R0 with Genesys Platform Solutions** v1.0 May 23, 2014

**Sonus SBC 5XX0 5.1.1R0 IOT Genesys Voice Platform 8.1 Application Notes** v1.0 May 2017

**Ribbon SBC Q21 9.3 Genesys Voice Platform 8.1** v1.0 Jun 2018



**Sonus SBC 5XX0 5.0.1R000 - IOT Sandvine SDE Version 7.45.01** v1.0 Jun 2016



**Sonus SBC Swe V6.1.0R1 Telco Systems CM-100 Application Note** v1.0 Jan 2018

**Generic**



**Sonus SBC Core 4.0.2R0 Configuring Basic Audio Transcoding or Pass-Through Scenarios** v1.0 May 14, 2014

**Sonus SBC Core 4.0.5R0 Carrier SIP Trunks and IP PBX Systems** v1.0 Aug 18, 2014

## IADs



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## PBXs



[Sonus\\_SBC\\_5XX0\\_4.0.0R0\\_IOT\\_Avaya\\_Aura\\_6.0\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.0.0R0\\_IOT\\_Avaya\\_CM\\_5.2.1\\_SM\\_6.1\\_G450\\_G650\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.0.0R0\\_IOT\\_Avaya\\_CM6.0\\_SM\\_6.1\\_G450\\_G650\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Avaya\\_CM\\_6.0\\_Level3\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Avaya\\_Aura\\_CM\\_6.3\\_SM\\_6.3\\_ATT27S\\_IPTF\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.1.0R0\\_IOT\\_Avaya\\_CM\\_6.3\\_SM\\_6.3\\_ATT\\_IPTF\\_ApplicationNotes](#)

[Ribbon SBC Core 5.01.01-R000 IOT Avaya SM7 and CM7 AT&T IP Toll Free SIP Trunk Application Notes](#)

[Ribbon SBC 5XXX 6.1.0R001 IOT Avaya SM7 and CM7 AT&T IP Flex Reach SIP Trunk Application Notes](#)

[Ribbon QSBC 9.4 Access Deployment Configuration Guide with BroadSoft AS](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_CUCM\\_10\\_ATT\\_IPFR\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.1.0R0\\_IOT\\_CUCM\\_10.5\\_ATT\\_IPFR\\_EF\\_ApplicationNotes](#)



[Sonus\\_SBC\\_5XX0\\_4.2.0R0\\_IOT\\_CUCM\\_8.6\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.2.0R0\\_IOT\\_CUCM\\_10.5\\_ApplicationNotes](#)

[Sonus SBC 5XX0 5.0.0R1 IOT CUCM 10.5 CenturyLink SIP Trunk Application Notes](#)

[Sonus SBC SWe 5.1.0R000 IOT CUCM 11 CenturyLink SIP Trunk Application Notes](#)

[Sonus SBC SWe 5.1.0R000 IOT CUCM 11 CenturyLink SIP Trunk Application Notes](#)

[Sonus SBC 5XXX V05.01.01R000 IOT CUCM 11 AT&T IP Toll Free SIP Trunk Application Notes](#)



[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Interactive\\_Intelligence\\_4.0.4\\_ATT\\_IPFR\\_ApplicationNotes](#)



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[Sonus\\_SBC\\_5XX0\\_4.0.0R0\\_IOT\\_Lync\\_2013\\_5.0.8308.0\\_ATT\\_IPFR\\_ApplicationNotes](#)

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[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Lync\\_2013\\_5.0.8308.556\\_ATT27S\\_IPTF\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Lync\\_2013\\_5.0.8308.556\\_ATT27S\\_IPTF\\_Using\\_AVPN\\_or\\_MIS\\_PNT\\_Appl](#)

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[Sonus\\_SBC\\_5XX0\\_4.1.0R0\\_IOT\\_Lync\\_2013\\_5.0.8308.0\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.1.2A8\\_IOT\\_Lync\\_2013\\_5.0.8308.420\\_Bell\\_Canada\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.2.4R2\\_IOT\\_Lync\\_2013\\_5.0.838.420\\_Telus\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.2.4R0\\_IOT\\_Lync\\_2013\\_5.0.8308.420\\_Twilio\\_ApplicationNotes](#)

[Sonus SBC 5XX0 4.2.4R2 IOT Lync 2013 TELUS SIP Trunk over Public Internet Application Notes](#)

[Sonus SBC 5XX0 5.0.1R0 IOT Skype For Business Application Notes](#)



[Sonus SBC 5XX0 5.0.0R1 IOT Skype for Business 2015 TELUS IP Trunking using SIP Registration Appli](#)

[Sonus SBC 5XX0 5.0.1R0 IOT Skype For Business Application Notes](#)

[Sonus SBC 5XX0 5.0.3R0 IOT Skype for Business 2015 TELUS IP Trunking using IP Authentication Appl](#)

[Sonus SBC 5XX0 5.0.3R2 IOT Skype for Business 2015 AT&T Flexible Reach SIP Trunk Application Note](#)

[Sonus SBC 5XX0 5.0.4R1 IOT Skype for Business 2015 Pure IP Application Notes](#)

**Sonus SBC 5XX0 5.0.1R002 IOT Skype for Business Virgin Media SIP Trunk**

**Sonus SBC 5XX0 5.1R0 IOT Microsoft Skype Desktop Sharing**

**Sonus SBC 5XX0 5.1R0 IOT Skype For Business and Exchange Unified Messaging Application Notes**

**Sonus SBC 5XX0 6.0R0 IOT Skype For Business and Exchange Unified Messaging Application Notes**

**Ribbon SBC Core 6.1.0R2 IOT Skype for Business Virgin Media SIP Trunk**

**Ribbon SBC Core 7.1.0R0 IOT Skype for Business Virgin Media SIP Trunk**



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**SBC 8.2 - MS Teams Solution Guide**

**MS Teams Solution Guide**



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**Sonus SBC 5XX0 4.2.3R0 IOT Unify OpenScape 8 R0.34.7 Verizon ApplicationNotes**



**Ribbon SBC Core Configuration with Zoom BYOC**

## SBCs



[Sonus\\_SBC\\_5XX0\\_4.0.0R0\\_IOT\\_Avaya\\_SBC\\_E3.6.2.M1P1\\_ApplicationNotes](#) v1.0 Oct 2013



[Sonus\\_SBC\\_5XX0\\_3.0.0R0\\_IOT\\_Cisco\\_2915\\_CUBE\\_15.1\(4\)M1\\_ApplicationNotes](#) v1.0 Apr 2012



[Sonus\\_SBC\\_5XX0\\_5.0.0R1\\_IOT\\_SBC\\_1000/2000\\_SIP\\_Trunk](#) v1.0 May 2017

## Service Providers



[Sonus\\_SBC\\_5XX0\\_4.0.0R0\\_IOT\\_Lync\\_2013\\_5.0.8308.0\\_ATT\\_IPFR\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Avaya\\_Aura\\_CM\\_6.3\\_SM\\_6.3\\_ATT27S\\_IPTF\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Lync\\_2013\\_5.0.8308.556\\_ATT27S\\_IPTF\\_Using\\_AVPN\\_or\\_MIS\\_](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_CUCM\\_10\\_ATT\\_IPFR\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Lync\\_2013\\_5.0.8308.556\\_ATT27S\\_IPTF\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Interactive\\_Intelligence\\_4.0.4\\_ATT\\_IPFR\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.1.0R0\\_IOT\\_Avaya\\_CM\\_6.3\\_SM\\_6.3\\_ATT\\_IPTF\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.1.0R0\\_IOT\\_CUCM\\_10.5\\_ATT\\_IPFR\\_EF\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_4.1.2R0\\_IOT\\_Genesys\\_8.1\\_ATT\\_IPFR\\_ApplicationNotes](#)

[Sonus SBC 5XX0 5.0.3R2 IOT Skype for Business 2015 AT&T Flexible Reach SIP Trunk Applica](#)

[Sonus SBC 5XXX V05.01.01R000 IOT CUCM 11 AT&T IP Toll Free SIP Trunk Application Notes](#)

[Ribbon SBC Core 5.01.01-R000 IOT Avaya SM7 and CM7 AT&T IP Toll Free SIP Trunk Applicati](#)

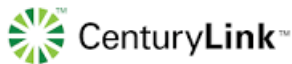
[Ribbon SBC 5XXX 6.1.0R001 IOT Avaya SM7 and CM7 AT&T IP Flex Reach SIP Trunk Applicati](#)



[Sonus\\_SBC\\_5XX0\\_4.1.2A8\\_IOT\\_Lync\\_2013\\_5.0.8308.420\\_Bell\\_Canada\\_ApplicationNotes](#)



[Ribbon SBC Q21 9.3 Genesys Voice Platform 8.1](#)



[Sonus SBC 5XX0 5.0.0R1 IOT CUCM 10.5 CenturyLink SIP Trunk Application Notes](#)

[Sonus SBC SWe 5.1.0R000 IOT CUCM 11 CenturyLink SIP Trunk Application Notes](#)



[Sonus\\_SBC\\_5XX0\\_4.2.1R0\\_IOT\\_Lync\\_2013\\_5.0.8308.420\\_Colt\\_ApplicationNotes](#)



[Ribbon SBC Core 7.2.1R0 IOT Deutsche Telekom DeutschlandLAN SIP Trunk Application Notes](#)



[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Avaya\\_CM\\_6.0\\_Level3\\_ApplicationNotes](#)

[Sonus SBC 5XX0 4.0.1R0 Level3 Voice Complete](#)

[Sonus\\_SBC\\_5XX0\\_4.0.1R0\\_IOT\\_Lync\\_2013\\_5.0.8308.420\\_Level3\\_ApplicationNotes](#)



[Ribbon SBC Core SWe V8.0.1.00-R000 IOT Cisco Unified Communication Manager PlusNet SIP](#)

[Ribbon SBC Core SWe V08.01.00-R000 IOT Cisco Unified Communication Manager PlusNet SIP Application Note](#)



Sonus SBC 5XX0 5.0.4R1 IOT Skype for Business 2015 Pure IP Application Notes



Reliance interop involving Ribbon QSBC, PSX Redirector and Ribbon Protect



Telstra Interop involving Ribbon QSBC and PSX Redirector



Sonus\_SBC\_5XX0\_4.2.4R2\_IOT\_Lync\_2013\_5.0.838.420\_Telus\_ApplicationNotes

Sonus SBC 5XX0 4.2.4R2 IOT Lync 2013 TELUS SIP Trunk over Public Internet Application Note

Sonus SBC 5XX0 5.0.0R1 IOT Skype for Business 2015 Telus SIP Trunk over Public Internet Ap

Sonus SBC 5XX0 5.0.3R0 IOT Skype for Business 2015 TELUS IP Trunking using IP Authentical

Sonus\_SBC\_5XX0\_4.2.4R0\_IOT\_Lync\_2013\_5.0.8308.420\_Twilio\_ApplicationNotes



Sonus\_SBC\_5XX0\_4.2.0R0\_IOT\_CUCM\_8.6\_Verizon\_ApplicationNotes

Sonus\_SBC\_5XX0\_4.2.0R0\_IOT\_CUCM\_9.1\_Verizon\_ApplicationNotes

Sonus SBC 5XX0 4.2.3R0 IOT Unify OpenScape 8 R0.34.7 Verizon ApplicationNotes

Sonus SBC 5XX0 5.0.1R002 IOT Skype for Business Virgin Media SIP Trunk

Ribbon SBC Core 6.1.0R2 IOT Skype for Business Virgin Media SIP Trunk

Ribbon SBC Core 7.1.0R0 IOT Skype for Business Virgin Media SIP Trunk



Ribbon SBC Core 8.1.0R0 IOT Skype for Business Virgin Media SIP Trunk

Sonus SBC 5XX0 V5.0.5R0 IOT Xaccel SIP Application Note





## SIP Recorders


	Ribbon SBC Core 5.1.0R0 IOT Avoke Siprec Recorder	v1.0	Aug 2018
	Sonus_SBC_5XX0_4.0.2R0_IOT_NICE_4.1.47_ApplicationNotes	v1.0	Mar 2014
	Sonus_SBC_5XX0_4.2.4R0_IOT_Avaya_CM_6.0_SM_6.1_Verint_11.2_ApplicationNotes	v1.0	Oct 2015

## Archive

## IADs - SBC 5k7kSWe

	Sonus_SBC_5XX0_3.0.0R0_IOT_Adtran_IAD_A2.06.00.E_ApplicationNotes	v1.0	Apr 2012
	Sonus_SBC_5XX0_3.0.0A001_IOT_Cisco_IAD_15.0(1)M7_ApplicationNotes	v1.0	Apr 2012

## PBXs - SBC 5k7kSWe

	Sonus_SBC_5XX0_2.0.6R0_IOT_Avaya_CM_6.0.1_CM_6.1.1_ATT_IPTF_ApplicationNotes		
	Sonus_SBC_5XX0_3.0.0A011_IOT_Avaya_CS1K_ApplicationNotes		
	Sonus_SBC_5XX0_3.0.1R1_IOT_Avaya_CM_5.2.1_ATT_IPFR_ApplicationNotes		
	Sonus_SBC_5XX0_3.0.1R1_IOT_Avaya_CM_5.2.1_SM_6.0_ATT_IPFR_ApplicationNotes		
	Sonus_SBC_5XX0_3.0.1R1_IOT_Avaya_CM_5.2.1_SM_6.1_ATT_IPTF_ApplicationNotes		
	Sonus_SBC_5XX0_3.0.1R1_IOT_Avaya_CM_5.2.1_SM_6.1_ATT_IPTF_Using_AVPN_or_MIS_PNT_Application		
	Sonus_SBC_5XX0_3.0.1R1_IOT_Avaya_CM_5.2.1_SM_6.2_ATT_IPTF_ApplicationNotes		
	Sonus_SBC_5XX0_3.0.1R1_IOT_Avaya_CM_6.0.1_SM_6.1_ATT_IPFR_ApplicationNotes		
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[Sonus\\_SBC\\_5XX0\\_3.1.0R0\\_IOT\\_Avaya\\_Office\\_R7\\_ApplicationNotes](#)



[Sonus\\_SBC\\_5XX0\\_2.5.0R0\\_IOT\\_CUCM\\_8.5\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_3.0.1R1\\_IOT\\_CUCM\\_9.0\\_ATT\\_IPFR\\_EF\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_3.0.1R1\\_IOT\\_CUCM\\_9.1\\_ATT\\_IPFR\\_EF\\_ApplicationNotes](#)

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[Sonus\\_SBC\\_5XX0\\_3.0.2R0\\_IOT\\_CUCM\\_8.0.3\\_ATT\\_IPFR\\_EF\\_ApplicationNotes](#)

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[Sonus\\_SBC\\_5XX0\\_3.0.0R0\\_IOT\\_Lync\\_2010\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_3.0.1R0\\_IOT\\_Lync\\_2010\\_4.0.7577.108\\_Verizon\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_3.0.1R0\\_IOT\\_Lync\\_2010\\_4.0.7577.0\\_ATT\\_IPTF\\_ApplicationNotes](#)



[Sonus\\_SBC\\_5XX0\\_3.0.0R0\\_IOT\\_Mitel\\_3300\\_4.2SP2\\_ApplicationNotes](#)



[Sonus\\_SBC\\_5XX0\\_3.1.2R2\\_IOT\\_Shoretel\\_13.3\\_ATT\\_IPFR\\_EF\\_ApplicationNotes](#)



[Sonus\\_SBC\\_5XX0\\_3.0.0A011\\_IOT\\_Teles\\_Ecotel\\_16.1.2.0\\_ApplicationNotes](#)



[Sonus\\_SBC\\_5XX0\\_3.0.0R0\\_IOT\\_Cisco\\_2915\\_CUBE\\_15.1\(4\)M1\\_ApplicationNotes](#) v1.0 Apr 2012

## Service Providers - SBC 5k7kSWe



[Sonus\\_SBC\\_5XX0\\_2.0.6R0\\_IOT\\_Avaya\\_CM\\_6.0.1\\_CM\\_6.1.1\\_ATT\\_IPTF\\_ApplicationNotes](#)

[Sonus\\_SBC\\_5XX0\\_3.0.1R0\\_IOT\\_Lync\\_2010\\_4.0.7577.0\\_ATT\\_IPTF\\_ApplicationNotes](#)

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Sonus\_SBC\_5XX0\_3.0.2R0\_IOT\_CUCM\_8.5\_&\_8.6\_ATT\_IPFR\_AVPN\_or\_MIS\_PNT\_ApplicationNotes  
Sonus\_SBC\_5XX0\_3.1.2R2\_IOT\_Shoretel\_13.3\_ATT\_IPFR\_EF\_ApplicationNotes



Sonus\_SBC\_5XX0\_3.0.1R0\_IOT\_Lync\_2010\_4.0.7577.108\_Verizon\_ApplicationNotes