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

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NOTE: For Microsoft Teams documentation please follow this link:

<https://support.sonus.net/display/ALLDOC/Solutions+Guides>

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

Sonus SBC 5XX0 6.0R0 IOT BroadWorks R22 Application Notes 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](#)

[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**

**Sonus\_SBC\_5XX0\_4.0.0R0\_IOT\_Lync\_2013\_5.0.8308.0\_ApplicationNotes**

**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\_Applica**

**Sonus\_SBC\_5XX0\_4.0.1R0\_IOT\_Lync\_2013\_5.0.8308.420\_Level3\_ApplicationNotes**

**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 Applicati**

**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 Applicat**

**Sonus SBC 5XX0 5.0.3R2 IOT Skype for Business 2015 AT&T Flexible Reach SIP Trunk Application Notes**

**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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**MS Teams Solution Guide**

**SBC 8.2 - MS Teams Solution Guide**



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

## **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\_P

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 Applicati

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 Application

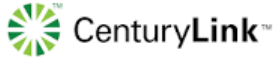
Ribbon SBC 5XXX 6.1.0R001 IOT Avaya SM7 and CM7 AT&T IP Flex Reach SIP Trunk Application



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



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



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 Notes

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

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



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



Ribbon SBC Core SWe V8.0.1.00-R000 IOT Cisco Unified Communication Manager PlusNet SIP Trunk



## 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

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## 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  
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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  
Sonus\_SBC\_5XX0\_3.0.2R0\_IOT\_CUCM\_7.1.5\_ATT\_IPFR\_ApplicationNotes  
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



## 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

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\_CM5.2.1\_SM\_6.1\_ATT\_IPTF\_ApplicationNotes

Sonus\_SBC\_5XX0\_3.0.1R1\_IOT\_Avaya\_CM5.2.1\_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\_3.0.1R1\_IOT\_CUCM\_9.1\_ATT\_IPFR\_EF\_ApplicationNotes

Sonus\_SBC\_5XX0\_3.0.2R0\_IOT\_Avaya\_CM\_5.2.1\_SM\_6.1\_ATT\_IPFR\_ApplicationNotes

Sonus\_SBC\_5XX0\_3.0.2R0\_IOT\_CUCM\_7.1.5\_ATT\_IPFR\_ApplicationNotes

Sonus\_SBC\_5XX0\_3.0.2R0\_IOT\_CUCM\_8.0.3\_ATT\_IPFR\_EF\_ApplicationNotes

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