

# SBC Edge Portfolio (SBC 1000 and SBC 2000)

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



**RIBBON SBC Edge V7.0.0 IOT Skype for Business 2015 Airtel MUX Application Notes**

v1.0 Feb 2019



**Configure SBC 1000-2000 Auto Configuration for Broadworks**

v1.0 Jun 2015



**Sonus SBC 1000/2000 V6.1.2 IOT CounterPath Bria Desktop SoftClient SIP Application Note**

v1.0 Jul 2017

<b>Sonus SBC 1000/2000 V6.1.2 IOT CounterPath Bria Android SoftClient SIP Application Note</b>	v1.0	Aug 2017
<b>Sonus SBC 5XX0 V5.0.5R0 IOT CounterPath Bria Desktop SoftClient SIP Application Note</b>	v1.0	Nov 2017



<b>Sonus_SBC_1000_2000_4.1.0_IOT_Genesys_8.1_ApplicationNotes</b>	v1.0	Feb 2015
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<b>Sonus_SBC_1000_2000_msxfax_connector_skype_web</b>	v1.0	2015
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<b>Sonus_SBC_1000_2000_2.1.0_IOT_RightFax_10.5_Brooktrout_SR140_ApplicationNotes</b>	v1.0	Sep 2012
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<b>Sunrise Business Voice sn5300 &amp; sn5501, Ribbon Edge SBC 5.0-6.0 and SfB 2015</b>	v1.0	Jun 2018
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<b>Sonus_SBC_1000_2000_VIBE_WP_0411_0</b>	v1.0	2011
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## Fax Platforms



<b>Sonus_SBC_1000_2000_msxfax_connector_skype_web</b>	v1.0	2015
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<b>Sonus_SBC_1000_2000_2.1.0_IOT_RightFax_10.5_Brooktrout_SR140_ApplicationNotes</b>	v1.0	Sept 2012
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## PBXs



<b>Sonus SBC 1000/2000 V5.0.2 IOT Alcatel IP Phones 40x8EE Series Application Note</b>	v1.0
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<b>Sonus_SBC_1000_2000_3.1.1_IOT_Avaya_CM_6.3_SM_6.3_ATT_IPFR_EF_ApplicationNotes</b>	v1.0
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<b>Sonus_SBC_1000_2000_3.2.0_IOT_Avaya_CM_6.3_SM_6.3_CUCM_8.5_Colt_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_4.1.1_IOT_Avaya_CM_5.2_Level3_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_4.1.1_IOT_Avaya_CM_6.0_SM_6.1_Level3_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_4.1.3_IOT_Avaya_CM_6.3_Verizon_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000/2000_6.0.0_IOT_ISDN_Avaya_6.3_British_Telecom_SIP_Trunk_Application_Notes</b>	v1.J
<b>Ribbon_SBC_Edge_7.0.0_IOT_Avaya_SM7_and_CM7_AT&amp;T_IP_Flex_Reach_SIP_Trunk_Application_Notes</b>	v1.C
<b>Sonus_SBC_1000_2000_4.0.1_IOT_CUCM_8.6_Level3_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_4.0.1_IOT_CUCM_9.1_Level3_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_4.0.1_IOT_CUCM_10.5_Level3_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_4.1.1_IOT_CUCM_10.5_Verizon_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000/2000_5.0.3_IOT_CUCM_10.5_CenturyLink_SIP_Trunk_Application_Notes</b>	v1.J
<b>Ribbon_SBC_Edge_7.0.0_IOT_Cisco_Unified_Communication_Manager_11.0_AT&amp;T_IP_Flex_Reach_SIP_Trunk_Application_Notes</b>	v1.C
<b>Sonus_SBC_1000_2000_2.1.0_IOT_Lync_2010_4.0.7577.109_Verizon_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_2.2.1_IOT_Lync_2010_Avaya_CM_6.0_Blackberry_MVS_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_2.2.1_IOT_Lync_2010_CyberData_Intercom_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_IOT_Lync_2013_Vodafone_ApplicationNotes</b>	v2.1
<b>Sonus_SBC_1000_2000_3.0.0_IOT_Lync_2013_5.0.8308.420_BT_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_3.0.0_IOT_Lync_2013_5.0.8308.420_Verizon_ApplicationNotes</b>	v1.1
<b>Sonus_SBC_1000_2000_3.0.1_IOT_Lync_2013_5.0.8308.420_Telenor_ApplicationNotes</b>	v1.1
<b>Sonus_SBC_1000_2000_3.1.1_IOT_Lync_2013_5.0.8308.420_Bell_Canada_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_4.0.1_IOT_Lync_2013_5.0.8308.420_Level3_ApplicationNotes</b>	v1.C
<b>Sonus_SBC_1000_2000_4.1.0_IOT_Lync_2013_5.0.8308.420_Windstream_ApplicationNotes</b>	v1.C



	<b>Sonus_SBC_1000_2000_4.1.0_IOT_Lync_2013_5.0.8308.420_ThinkTel_ApplicationNotes</b>	v1.C
	<b>Sonus_SBC_1000_2000_4.1.1_IOT_Lync_2013_5.0.8308.420_Verizon_ApplicationNotes</b>	v1.C
	<b>Sonus_SBC_1000_2000_4.1.3_IOT_Lync_2013_5.0.8308.420_Telus_MPLS_ApplicationNotes</b>	v1.C
	<b>Sonus_SBC_1000_2000_4.1.3_IOT_Lync_2013_5.0.8308.420_Telus_Registration_ApplicationNotes</b>	v1.C
	<b>Sonus_SBC_1000_2000_IOT_Office_365</b>	v1.C
	<b>Sonus_SBC_1000_2000_2.2.1_IOT_Office_365_ApplicationNotes</b>	v1.C
	<b>Sonus_SBC_1000_2000_IOT_Shoretel_14_ApplicationNotes</b>	v1.4
	<b>Sonus SBC 2000 V5.0.1 IOT Skype for Business 2015 Intermedia SIP Trunk Application Notes</b>	v1.4
	<b>Sonus SBC 1000/2000 V5.0.2 IOT Skype for Business 2015 TELUS IP Trunking over Public Internet Application Notes</b>	v1.J
	<b>Sonus SBC 1000/2000 V5.0.2 IOT Skype for Business 2015 TELUS IP Trunking using SIP Registration Application Notes</b>	v1.C
	<b>Sonus SBC 1000/2000 V5.0.3 IOT Skype for Business 2015 Bell Canada SIP Trunk Application Notes</b>	v1.J
	<b>Sonus SBC 2000 V5.0.3 IOT Skype for Business 2015 SwissCom SIP Trunk Application Notes</b>	v1.C
	<b>Sonus SBC 1000/2000 V5.0.3 IOT Skype for Business 2015 AT&amp;T IP Flexible Reach SIP Trunk Application Note</b>	v1.C
	<b>Sonus SBC 1000/2000 V6.0.0 Registration IOT Skype for Business 2015 Analog Devices and Failover Application Note</b>	v1.C
	<b>Sonus SBC 1000/2000 V6.0.0 Registration IOT Skype for Business 2015 Presence Feature Application Note</b>	v1.C
	<b>Sonus SBC 2000 V6.1.0 IOT Skype for Business 2015 SwissCom Enterprise SIP Trunk Application Notes</b>	v1.J
	<b>Sonus SBC 1000/2000 6.0.1 IOT Skype for Business 2015 TELUS IP Trunking using IP Authentication Application Notes</b>	v1.C
	<b>Sonus SBC 1000/2000 V6.1.1 IOT Skype for Business 2015 Pure IP SIP Trunk Application Note</b>	v1.C
	<b>Sonus SBC 2000 V5.0.1 IOT Skype for Business 2015 Intermedia SIP Trunk Application Notes</b>	v1.C
	<b>Sonus SBC 1000/2000 V8.0.0 IOT Skype for Business 2015 British Telecom Platform SIP Trunk Application Note</b>	v3.J

Ribbon SBC Edge 8.0.0 IOT Skype for Business 2015 Colt Application Notes v1.C

RIBBON SBC Edge V7.0.0 IOT Skype for Business 2015 Airtel MUX Application Notes v1.C

## Service Providers



Sonus\_SBC\_1000\_2000\_3.1.1\_IOT\_Avaya\_CM\_6.3\_SM\_6.3\_ATT\_IPFR\_EF\_ApplicationNotes v

Sonus\_SBC\_1000\_2000\_3.1.1\_IOT\_Interactive\_Intelligence\_4.0.4\_ATT\_IPFR\_EF\_ApplicationNotes v

Sonus SBC 1000/2000 V5.0.3 IOT Skype for Business 2015 AT&T IP Flexible Reach SIP Trunk Application Note v

Ribbon SBC Edge 7.0.0 IOT Avaya SM7 and CM7 AT&T IP Flex Reach SIP Trunk Application Notes v

Ribbon SBC Edge 7.0.0 IOT Cisco Unified Communication Manager 11.0 AT&T IP Flex Reach SIP Trunk Application Notes v



Sonus\_SBC\_1000\_2000\_3.1.1\_IOT\_Lync\_2013\_5.0.8308.420\_Bell\_Canada\_ApplicationNotes v

Sonus SBC 1000/2000 V5.0.3 IOT Skype for Business 2015 Bell Canada SIP Trunk Application Notes v

Sonus\_SBC\_1000\_2000\_3.2.1\_IOT\_Lync\_2013\_5.0.8308.420\_Belgacom\_ApplicationNotes v



Sonus\_SBC\_1000\_2000\_3.0.0\_IOT\_Lync\_2013\_5.0.8308.420\_BT\_ApplicationNotes v



Sonus SBC 1000/2000 6.0.0 IOT ISDN Avaya 6.3 British Telecom SIP Trunk Application Notes v

Sonus SBC 1000/2000 V8.0.0 IOT Skype for Business 2015 British Telecom Platform SIP Trunk Application Note v



Sonus SBC 1000/2000 5.0.3 IOT CUCM 10.5 CenturyLink SIP Trunk Application Notes

v



Sonus\_SBC\_1000\_2000\_3.2.0\_IOT\_Avaya\_CM\_6.3\_SM\_6.3\_CUCM\_8.5\_Colt\_ApplicationNotes

v

Ribbon SBC Edge 8.0.0 IOT Skype for Business 2015 Colt Application Notes

v



Sonus\_SBC\_1000\_2000\_3.0.1\_IOT\_Gamma\_ApplicationNotes

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Sonus SBC 2000 V5.0.1 IOT Skype for Business 2015 Intermedia SIP Trunk Application Notes

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Sonus SBC 2000 V5.0.1 IOT Skype for Business 2015 Intermedia SIP Trunk Application Notes

v



Sonus\_SBC\_1000\_2000\_4.0.1\_IOT\_CUCM\_8.6\_Level3\_ApplicationNotes

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Sonus\_SBC\_1000\_2000\_4.0.1\_IOT\_CUCM\_9.1\_Level3\_ApplicationNotes

v

Sonus\_SBC\_1000\_2000\_4.0.1\_IOT\_CUCM\_10.5\_Level3\_ApplicationNotes

v

Sonus\_SBC\_1000\_2000\_4.0.1\_IOT\_Lync\_2013\_5.0.8308.420\_Level3\_ApplicationNotes

v

Sonus\_SBC\_1000\_2000\_4.1.1\_IOT\_Avaya\_CM\_5.2\_Level3\_ApplicationNotes

v

Sonus\_SBC\_1000\_2000\_4.1.1\_IOT\_Avaya\_CM\_6.0\_SM\_6.1\_Level3\_ApplicationNotes

v



Sonus SBC 1000/2000 V6.1.1 IOT Skype for Business 2015 Pure IP SIP Trunk Application Note

v



Sonus\_SBC\_1000\_2000\_3.0.0\_IOT\_Rogers\_ApplicationNotes

v



Sonus SBC 2000 V5.0.3 IOT Skype for Business 2015 SwissCom SIP Trunk Application Notes

v

Sonus SBC 2000 V6.1.0 IOT Skype for Business 2015 SwissCom Enterprise SIP Trunk Application Notes

v



Sonus\_SBC\_1000\_2000\_3.0.1\_IOT\_Lync\_2013\_5.0.8308.420\_Telenor\_ApplicationNotes v



Sonus\_SBC\_1000\_2000\_4.1.3\_IOT\_Lync\_2013\_5.0.8308.420\_Telus\_MPLS\_ApplicationNotes v

Sonus\_SBC\_1000\_2000\_4.1.3\_IOT\_Lync\_2013\_5.0.8308.420\_Telus\_Registration\_ApplicationNotes v

Sonus\_SBC\_1000/2000 V5.0.2 IOT Skype for Business 2015 TELUS IP Trunking using SIP Registration Application Notes v

Sonus\_SBC\_1000/2000 6.0.1 IOT Skype for Business 2015 TELUS IP Trunking using IP Authentication Application Notes v



Sonus\_SBC\_1000\_2000\_4.1.0\_IOT\_Lync\_2013\_5.0.8308.420\_ThinkTel\_ApplicationNotes v



Sonus\_SBC\_1000\_2000\_2.1.0\_IOT\_Lync\_2010\_4.0.7577.109\_Verizon\_ApplicationNotes v

Sonus\_SBC\_1000\_2000\_3.0.0\_IOT\_Lync\_2013\_5.0.8308.420\_Verizon\_ApplicationNotes v

Sonus\_SBC\_1000\_2000\_4.1.1\_IOT\_CUCM\_10.5\_Verizon\_ApplicationNotes v

Sonus\_SBC\_1000\_2000\_4.1.1\_IOT\_Lync\_2013\_5.0.8308.420\_Verizon\_ApplicationNotes v

Sonus\_SBC\_1000\_2000\_4.1.3\_IOT\_Avaya\_CM\_6.3\_Verizon\_ApplicationNotes v



Sonus\_SBC\_1000\_2000\_3.0.2\_IOT\_Virgin\_Media\_ApplicationNotes v

Sonus\_SBC\_1000/2000 V5.0.3 IOT Skype for Business 2015 Virgin Media SIP Trunk Application Note v



Sonus\_SBC\_1000\_2000\_IOT\_Lync\_2013\_Vodafone\_ApplicationNotes v



Sonus\_SBC\_1000\_2000\_4.1.0\_IOT\_Lync\_2013\_5.0.8308.420\_Windstream\_ApplicationNotes v