


# Working with Licenses


 Prior to Release to 4.1.1, Sonus as a courtesy in limited situations, installed supplementary licenses on the customer's behalf. This practice ended in May 2015.

This section describes the licensing process on the Sonus SBC 1000/2000 system.

The Sonus SBC 1000/2000 system is delivered with standard functions. For additional SBC features and supplementary services (which are not available as standard functions of the Sonus SBC 1000/2000 system), you must obtain software license keys purchased from Sonus. Once obtained, you receive instructions for accessing the licensing portal. Through the portal, you enter the SBC serial number and generate a license, which you then install on the SBC (see [Installing Licenses](#)). This process also applies to license upgrades/expansions.

For details on how to obtain a license, see [Sonus SBC 1000-2000 Download Center](#).

## Feature/Supplementary Services Licenses - Available License Types

 An SBC 1000 Module or SBC 2000 line card requires a license to enable ports for use on the node.

Feature licenses enables features or supplementary services not available as standard functions on the Sonus SBC 1000/2000 system, such as increased SIP to SIP sessions or enabling physical ports on the FXS, FXO, BRI and DS1 hardware modules/line cards. See below for a list of available feature licenses.

**Figure 1:** SBC 1000/2000 Features/Supplementary Services

Type	License	Description
SBC 1000	SBC-1K-LIC100REG	Provides 100 licenses of Registrar
	SBC-1K-LIC10SIP	Provides 10 Sessions of SIP to SIP
	SBC-1K-LIC25SIP	Provides 25 Sessions of SIP to SIP
	SBC-1K-LIC5SIP	Provides 5 Sessions of SIP to SIP
	SBC-1K-LIC-BRI	Enables 4 BRI Ports on the SBC 1000
	SBC-1K-LIC-BSURV	Enables Local Survivability with Broadworks on the SBC 1000
	SBC-1K-LIC-CCPE	Applies Custom Configuration on the SBC 1000
	SBC-1K-LIC-FORK	Enables SBC Call Forking, up to 8 destinations
	SBC-1K-LIC-FXS	Enables 4 FXS ports on the SBC 1000
	SBC-1K-LIC-RBA	Enables Resilient Branch Appliance (RBA) function for Microsoft Lync at Branch Office.
	SBC-1K-LIC-ROUTG	Enables OSPF IP Routing Protocol on SBC 1000
	SBC-1K-LIC-FXO	Enables 4 FXO ports on the SBC 1000
	SBC-1K-LIC-T1E1	Enables 1 T1E1 port on the SBC 1000
SBC 2000	SBC-1K-LIC-VIDEO	Enables video on the SBC 1000
	SBC-1K-LIC-WBGSM	Enables AMR-WB use on the SBC 1000
SBC 2000	SBC-2K-LIC100REG	Provides 100 licenses of Registrar

	SBC-2K-LIC100SIP	Provides 100 sessions of SIP to SIP and enables Transcoding
	SBC-2K-LIC10SIP	Provides 10 Sessions of SIP to SIP and enables Transcoding
	SBC-2K-LIC25SIP	Provides 25 Sessions of SIP to SIP and enables Transcoding
	SBC-2K-LIC5SIP	Provides 5 Sessions of SIP to SIP and enables Transcoding
	SBC-2K-LIC-BSURV	Enables Local Survivability with Broadworks on the SBC 2000
	SBC-2K-LIC-CCPE	Applies Custom Configuration on the SBC 2000
	SBC-2K-LIC-FORK	Enables SBC Call Forking, up to 8 destinations
	SBC-2K-LIC-RBA	Enables Resilient Branch Appliance (RBA) function for Microsoft Lync at Branch Office
	SBC-2K-LIC-ROUTG	Enables OSPF IP Routing Protocol on SBC 2000
	SBC-2K-LIC-T1E1	Enables 1 T1E1 port on the SBC 2000
	SBC-2K-LIC-VIDEO	Enables video on the SBC 2000
	SBC-2K-LIC-WBGSM	Enables AMR-WB use on the SBC 2000
SBC 1000/2000	SBC-1K2K-LYNC10-LIC	<p>Microsoft Lync 2010 SBA (Survivable Branch Appliance) License. Applicable to both SBC 1000 and SBC 2000 Devices with ASM Module. Notes:</p> <ul style="list-style-type: none"> <li>• Execution of the Lync 2010 SBA requires a Windows Server 2008 R2 OS license. Please confirm the availability of the OS license; if the OS license is not available, please also acquire a SBC-1K2K-WIN08-LIC license. See <a href="#">Skype for Business - Best Practice Downgrade to Lync 2010 SBA</a>.</li> <li>• The SBC-1K2K-LYNC10-LIC part is a physical license (document and/or license label) only. No license key is generated.</li> </ul>
	SBC-1K2K-LYNC13-LIC	<p>Microsoft Lync 2013 SBA (Survivable Branch Appliance) License. Applicable to both SBC 1000 and SBC 2000 Devices with ASM Module.</p> <ul style="list-style-type: none"> <li>• Execution of the Lync 2013 SBA requires either a Windows Server 2008 R2 OS license or a Windows Server 2012 R2 OS license. As an SBC 1000/2000 device with an ASM always includes a licensed copy of one of these 2 OS', no OS availability check is required.</li> <li>• The SBC-1K2K-LYNC13-LIC part is a physical license (document and/or license label) only. No license key is generated.</li> </ul>

SBC-1K2K-SKYPE-LIC	<p>Microsoft Skype for Business 2015 SBA (Survivable Branch Appliance) License. Applicable to both SBC 1000 and SBC 2000 Devices with ASM Module.</p> <ul style="list-style-type: none"> <li>• Execution of Microsoft Skype for Business SBA requires a Windows Server 2012 R2 OS license. Please confirm the availability of the OS license; if the OS license is not available, please also acquire a SBC-1K2K-WIN12-LIC license. See <a href="#">Skype for Business - Best Practice Upgrade to Skype for Business 2015 SBA</a>.</li> <li>• The SBC-1K2K-SKYPE-LIC part is a physical license (document and/or license label) only. No license key is generated.</li> </ul>
SBC-1K2K-WIN08-LIC	<p>Microsoft Windows Server 2008 R2 License. Applicable to both SBC 1000 and SBC 2000 Devices with ASM Module.</p> <ul style="list-style-type: none"> <li>• If acquiring the SBC-1K2K-WIN08-LIC to support the execution of the Lync 2010 SBA, please also order a SBC-1K2K-LYNC10-LIC. See <a href="#">Skype for Business - Best Practice Downgrade to Lync 2010 SBA</a>.</li> <li>• If acquiring the SBC-1K2K-WIN08-LIC to support the execution of the Lync 2013 SBA, please also order a SBC-1K2K-LYNC13-LIC. See <a href="#">Best Practice Downgrade to Lync 2013 SBA for Windows Server 2008R2</a>.</li> <li>• The SBC-1K2K-WIN08-LIC part provides <b>both</b> a physical license (document and/or license label) along with an electronic license key. The license key must be installed on the SBC 1000/2000 to enable the Windows Server 2008 R2 OS. For more information, please refer to <a href="#">Installing Licenses</a>.</li> </ul>
SBC-1K2K-WIN12-LIC	<p>Microsoft Windows Server 2012 License. Applicable to both SBC 1000 and SBC 2000 Devices with ASM Module.</p> <ul style="list-style-type: none"> <li>• If acquiring the SBC-1K2K-WIN12-LIC to support the execution of the Microsoft Skype for Business 2015 SBA, please also order a SBC-1K2K-SKYPE-LIC. See <a href="#">Skype for Business - Best Practice Upgrade to Skype for Business 2015 SBA</a>.</li> <li>• If acquiring the SBC-1K2K-WIN12-LIC to support the execution of the Lync 2013 SBA, please also order a SBC-1K2K-LYNC13-LIC. See <a href="#">Skype for Business - Best Practice Upgrade to Lync 2013 SBA on Windows Server 2012 R2</a>.</li> <li>• The SBC-1K2K-WIN12-LIC part provides <b>both</b> a physical license (document and/or license label) along with an electronic license key. The license key must be installed on the SBC 1000/2000 to enable the Windows Server 2012 R2 OS. For more information, please refer to <a href="#">Installing Licenses</a>.</li> </ul>

Contact [Sonus Sales](#) for more information about licensed features and hardware modules.

## Related Topics

- [Decoding License Keys](#)
- [Installing Licenses](#)
- [Viewing Licenses](#)
- [Attach License Label - Skype for Business and Windows OS](#)