

## MAXATTACH™ IP & MAX™ IP INTEROPERABILITY

The following table lists the manufacturers and products that have been tested with the MAXAttach IP and MAX IP. If you have questions on implementation, please contact ClearOne Technical Support at 800-283-5936.

Device Type	Manufacturer/ Product	Interoperability Status	Comments
SIP PBX Systems	Avaya Avaya Communication Manager 3.1.2 running on an Avaya Media Server such as S8710	Avaya DevConnect Certified	Avaya DevConnect certification includes <b>ALL</b> Avaya SIP platforms and, in general, involves adding Avaya Communication Manager 3.1.2 and Avaya SIP Enablement Services 3.1 to any existing Avaya phone system (TDM or IP). See the Avaya/ClearOne MAX IP application notes at <a href="http://www.clearone.com">www.clearone.com</a> .
	3Com VCX 7.0 Platform (V7000, V6000 servers)	Compatible	<ol style="list-style-type: none"> <li>1. Hangup procedure between MAX IP and 3Com VCX does not finalize; loops 8 times and then times out (within 1-2 sec.) – no impact to user operation.</li> <li>2. Call transfer feature on VCX not supported on MAX IP.</li> <li>3. Unattended conference feature on VCX not supported on MAX IP.</li> </ol>
	Asterisk	Compatible	ClearOne-tested with version 1.0.9 of Asterisk@Home. Current TrixBox version not yet tested.
	Cisco Call Manager 4	Compatible	Cisco Call Manager 4 is not native SIP, but uses SCCP (Skinny Client Control Protocol). ClearOne tested CM4 with SIP trunk and Asterisk SIP proxy. See the Cisco/ClearOne MAX IP application notes at <a href="http://www.clearone.com">www.clearone.com</a> .
	Inter-Tel Inter-Tel 7000	Compatible (certification pending)	Inter-Tel will begin shipping in late Q3 CY2006.
	OnDO	Compatible	
	Siemens Hi-Path 8000 PBX	Compatible	<ol style="list-style-type: none"> <li>1. Consultation transfer feature not supported.</li> <li>2. Blind transfer/call deflection feature not supported.</li> </ol>
	SipXpbx	Compatible	

TABLE 1. MAX IP Interoperability with SIP PBX Systems

Device Type	Manufacturer/ Product	Interoperability Status	Comments
SIP Handsets & Conference Phones	Avaya 4600 Series IP 6400 Series Digital 8400 Series Digital	Avaya DevConnect Certified	Avaya DevConnect certification includes <b>ALL</b> Avaya SIP platforms and, in general, involves adding Avaya Communication Manager 3.1.2 and Avaya SIP Enablement Services 3.1 to any existing Avaya phone system (TDM or IP). See the Avaya/ClearOne MAX IP application notes at <a href="http://www.clearone.com">www.clearone.com</a> .
	3Com IP handsets, including 2102, 2102 (Model B or PE), 3101, 3101SP, 3102, 3103, 3105 console, 3COM Convergence Client, analog phones thru 3Com VoIP gateways	Compatible	
	Cisco 79XX	Compatible	Cisco Call Manager 4 is not native SIP, but uses SCCP (Skinny Client Control Protocol). ClearOne tested CM4 with SIP trunk and Asterisk SIP proxy. See the Cisco/ClearOne MAX IP application notes at <a href="http://www.clearone.com">www.clearone.com</a> .  The 79XX handsets can also be provisioned as native SIP phones through a firmware upgrade. In this case, they are no longer usable through Call Manager 4 (SCCP), but can be used with other SIP PBX systems.
	Linksys-Sipura 841	Compatible	
	Polycom SoundStation IP 4000 SoundStation IP 3000 SoundPoint IP 500	Compatible	
	Grandstream GPX2000	Compatible	

**TABLE 2.** MAX IP Interoperability with SIP Handsets

Device Type	Manufacturer/ Product	Interoperability Status	Comments
SIP Softphones	Avaya IP Softphone	Avaya DevConnect Certified	Avaya DevConnect certification includes <b>ALL</b> Avaya SIP platforms and, in general, involves adding Avaya Communication Manager 3.1.2 and Avaya SIP Enablement Services 3.1 to any existing Avaya phone system (TDM or IP). See the Avaya/ClearOne MAX IP application notes at <a href="http://www.clearone.com">www.clearone.com</a> .
	NCH Express Talk	Compatible	
	Xten X-Lite	Compatible	

**TABLE 3.** MAX IP Interoperability with SIP Softphones

Device Type	Manufacturer/ Product	Interoperability Status	Comments
SIP Proxies	Avaya SIP Enablement Services Server	Avaya DevConnect Certified	Avaya DevConnect certification includes <b>ALL</b> Avaya SIP platforms and, in general, involves adding Avaya Communication Manager 3.1.2 and Avaya SIP Enablement Services 3.1 to any existing Avaya phone system (TDM or IP). See the Avaya/ClearOne MAX IP application notes at <a href="http://www.clearone.com">www.clearone.com</a> .
	3Com 3Com SIP Digital Gateway on V7000 & V6000 platforms	Compatible	
	Asterisk SIP Proxy	Compatible	

**TABLE 4.** MAX IP Interoperability with SIP Proxies

Device Type	Manufacturer/ Product	Interoperability Status	Comments
SIP Media Gateways	Avaya G650 Media Gateway	Avaya DevConnect Certified	Avaya DevConnect certification includes <b>ALL</b> Avaya SIP platforms and, in general, involves adding Avaya Communication Manager 3.1.2 and Avaya SIP Enablement Services 3.1 to any existing Avaya phone system (TDM or IP). See the Avaya/ClearOne MAX IP application notes at <a href="http://www.clearone.com">www.clearone.com</a> .
	Aastra CNX Conference Bridge/Gateway	Compatible	Multi-point SIP to analog interface – provides conference bridge functionality with MAX IP as SIP endpoint.

**TABLE 5.** MAX IP Interoperability with SIP Media Gateways