

**Oracle® Communications**  
**Unified Session Manager – SCZ825m1**

**Program Documentation – License Document**

First Edition

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# Licensing Information

Oracle Communications Unified Session Manager – S-CZ8.2.5m1 – Licensing Notes

- Description of Product Editions and Permitted Features
- Prerequisite Products
- Entitled Products and Restricted Use Licenses

Product	Subproduct	Licensing Description
Oracle Communications Unified Session Manager	Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric	<p><b>Product Editions and Permitted Features</b></p> <p>This license (available on a per server basis) provides access to Base OS (Operating System) and basic node management functions such as CLI (Command Line Interface), FTP (File Transfer Protocol) and SNMP (Simple Network Management Protocol). The following features are available with the base license.</p> <p><b>Unified Session Manager Cx</b> - For Cx-based Unified Session Manager, Configuring <i>home subscriber server</i> configuration element is required to operate Unified Session Manager.</p> <p><b>SIP (Session Initiation Protocol) Authentication/Authorization - SIP</b>  Authorization/Authentication license reveals the <i>SIP Authentication Profile</i> configuration element. Configuring <i>SIP Authentication Profile</i> configuration element is required to operate Unified Session Manager.</p> <p><b>ACP (Acme Control Protocol)</b> - Allows Oracle Unified Session Manager system to respond to external ACP requests (required for Oracle Communications Session Element Manager).</p> <p><b>SIP</b> – Enables all SIP functionality on the Unified Session Manager, including IMS (IP Multimedia Subsystem) P-CSCF (Proxy - Session Control Function), S-CSCF (Serving – Session Control Function), I-CSCF (Interrogating – Session Control Function), and BGCF (Border Gateway Control Function) functionality.</p> <p><b>HA (High Availability)</b> - Enables sending and receiving HA heartbeat and check-pointing messages to an HA Peer and take over or relinquish Active status. Allows configuration of the redundancy configuration object.</p> <p><b>DOS</b> – Enables Denial of Service protection functionality that protects network infrastructure, including the SBC, by providing signaling and media traffic attack detection and policing, and static and dynamic access control.</p> <p><b>IDS (Intrusion Detection System)</b> – Allows configuration of traps sent when endpoints are demoted to “denied” status. Allows configuration of syslog messages to be recorded when endpoints are demoted to “denied” status. Enables dynamic demotion of endpoints based upon CAC (call admission control) failures.</p> <p><b>IDS Advanced</b> – This feature adds the ability to track total number of rejected SIP calls system-wide.</p> <p><b>National Emergency Services</b> - Enables support for Emergency Telecommunications Service (ETS), which gives priority treatment for National Security and Emergency Preparedness (NSEP) communications in IP (Internet Protocol) network infrastructures.</p>

Product	Subproduct	Licensing Description
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	<p>Oracle Communications Unified Session Manager - Integrated Software Option - per 20K Endpoints Metric</p>	<p>This license provides the ability for Unified Session Manager to handle SIP registered endpoints uniquely identified by IP &amp; port combination. Available in 20K endpoints increments</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Oracle Communications Unified Session Manager - Integrated Software Option - per 500 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>This license provides the ability for Unified Session Manager to handle number of sessions allowed for all protocols combined. This feature license includes the capability to handle registrations caching. Available in 500 session increments</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Session Manager (base fee) - Integrated Software Option - per Server Metric</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
<b>Session Capacity Based Licenses</b>		
	<p>Oracle Communications Unified Session Manager, Load balancing - Integrated Software Option - per 500 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of Session Agent Groups in order to perform sophisticated load balancing of traffic across core network elements.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>

Product	Subproduct	Licensing Description
	Oracle Communications Unified Session Manager, Policy Server - Integrated Software Option - per 500 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration of a COPS/Diameter interface towards a third party external policy server function that provides functionality in the following two categories:</p> <ul style="list-style-type: none"> <li>• External Bandwidth Management/ Call Admission Control towards a PS (RACF (Resource and Admission Control Function)/PCRF (Policy and Charging Routing Function))</li> <li>• Location Information queries to a Connectivity Location Function (CLF).</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Unified Session Manager, Routing - Integrated Software Option - per 500 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables configuration and use of routing (local policy) parameters for signaling protocols supported. This feature group includes access to configuration elements such as cost, start and end times, days of week, media profiles, and carrier elements.</p> <p>The following features are included in this license:</p> <ul style="list-style-type: none"> <li>• ENUM Database support</li> <li>• LRT (Local Routing Table)</li> </ul> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Unified Session Manager, IPSec Trunking - Integrated Software Option - per 500 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of IPsec protocol (including IKEv1 or manual keys) for protecting signaling and media.</p> <p><b>Pre-requisite Products</b></p>

Product	Subproduct	Licensing Description
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	Oracle Communications Unified Session Manager, Accounting - Integrated Software Option - per 500 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Allows Unified Session Manager to create call accounting records using either Radius or Diameter (via the Rf interface), or by collecting the information in flat files that can be stored locally or pushed via FTP to an external server.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Unified Session Manager, Lawful Intercept - Integrated Software Option - per 500 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Allows configuration and use of parameters to enable lawful intercept. See Lawful Intercept Overview section in the CLI guide for details on LI (Lawful Intercept) types supported.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Unified Session Manager, Quality of Service -	<p><b>Product Editions and Permitted Features</b></p> <p>Enables collection and reporting of QoS (Quality of Service) data (lost packets, jitter, and latency) for session media.</p>

Product	Subproduct	Licensing Description
	Integrated Software Option - per 500 Concurrent Sessions Metric	<p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric AND</li> <li>QoS capable hardware</li> </ul> <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Unified Session Manager, IPv4 to IPv6 Interworking - Integrated Software Option - per 500 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables IPv4-IPv6 interworking for signaling and media; pure IPv6 functionality works without the license being present.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications Unified Session Manager, SRTP - Integrated Software Option - per 500 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables SRTP (Secure Real-Time Transport Protocol) (MIKEY/SDES) (Media Encryption).</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires non-QoS-restricted encryption hardware and SSM3 module AND</li> <li>Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>Requires session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Oracle Communications	<p><b>Product Editions and Permitted Features</b></p> <p>Enables session replication for recording, which helps call</p>



Product	Subproduct	Licensing Description
	Unified Session Manager, SIPREC Session Recording - Integrated Software Option - per 500 Concurrent Sessions Metric	<p>centers record the signaling and media packets associated with their calls.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>This license requires an equal number of session capacity licenses, and is only orderable in quantities that match session capacity.</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	Oracle Communications Unified Session Manager, MSRP B2BUA - Integrated Software Option - per 500 Concurrent Sessions	<p><b>Product Editions and Permitted Features</b></p> <p>Enables the use of MSRP B2BUA (Message Session Relay Protocol Back to Back User Agent) functionality.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600 or 6300</li> </ul> <p>Requires session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
<b>End points Based Licenses</b>		
	Oracle Communications Unified Session Manager, IMS-AKA - Integrated Software Option – Per 5K Endpoints Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Enables IMS-AKA framework use for authentication and for securing the signaling path between UE and the Oracle Communications Unified Session Manager across the Gm interface on the access network.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>Requires Acme Packet 4600 or 6300 with non-QoS-restricted encryption hardware.</li> </ul> <p>AND</p> <ul style="list-style-type: none"> <li>Requires ISO session capacity licenses</li> </ul> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
<b>Codec Licenses</b>		

Product	Subproduct	Licensing Description
	Transcoding coder/decoder for transcoding module 2, EVRC - Integrated Software Option – per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Required in order to enable support for transcoding to and from EVRC codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Transcoding coder/decoder for transcoding module 2, EVRCB - Integrated Software Option – per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>Required in order to enable support for transcoding to and from EVRC-B codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b> N/A</p>
	Transcoding coder/decoder for transcoding module 2, AMR-NB - Integrated Software Option – per 25 Concurrent Sessions Metric	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-NB royalty license is required in order to enable support for transcoding to and from AMR-NB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>Requires an equal or greater number of session</p>

Product	Subproduct	Licensing Description
		<p>capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Transcoding coder/decoder for transcoding module 2, AMR-WB (G.722.2) - Integrated Software Option – per 25 Concurrent Sessions Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>AMR-WB royalty license is required to enable support for transcoding to and from the AMR-WB codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Transcoding coder/decoder for transcoding module 2, Opus - Integrated Software Option - per Concurrent Session Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>Opus royalty license is required in order to enable support for transcoding to and from Opus codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Unified Session Manager – Integrated Software Option – Per 500 Concurrent Sessions Metric</li> </ul> <p>Requires an equal or greater number of session capacity licenses</p> <p><b>Entitled Products and Restricted Use Licenses</b></p> <p>N/A</p>
	<p>Transcoding coder/decoder for transcoding module 2, SILK - Integrated Software Option - per Concurrent Session Metric</p>	<p><b>Product Editions and Permitted Features</b></p> <p>SILK royalty license is required in order to enable support for transcoding to and from SILK codec.</p> <p><b>Pre-requisite Products</b></p> <ul style="list-style-type: none"> <li>• Requires Acme Packet 4600 or 6300 with transcoding hardware AND</li> <li>• Oracle Communications Unified Session Manager – Integrated Software Option – Per 500</li> </ul>

Product	Subproduct	Licensing Description
		<p data-bbox="894 254 1195 279">Concurrent Sessions Metric</p> <p data-bbox="850 317 1365 380">Requires an equal or greater number of session capacity licenses</p> <p data-bbox="850 415 1354 441"><b>Entitled Products and Restricted Use Licenses</b></p> <p data-bbox="850 447 898 472">N/A</p>

# Third-Party Commercial and Open Source Software

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Embedthis	PCRE  (4 <sup>th</sup> party of Embedthis)	Perl Regular Expressions. Portions of the Perl Regular Expression Library (pcre) are used. These are covered by the PCRE license.  [PCRE license is listed separately below]
Embedthis  (continued)	SQLITE  (4 <sup>th</sup> party of Embedthis)	<p>SQLite. The SQLite library is included as an optional component of the Licensed Software. It is covered by the SQLite license:</p> <p>The source code for SQLite is in the public domain. No claim of copyright is made on any part of the core source code. (The documentation and test code is a different matter - some sections of documentation and test logic are governed by open-source licenses.) All contributors to the SQLite core software have signed affidavits specifically disavowing any copyright interest in the code. This means that anybody is able to legally do anything they want with the SQLite source code.</p> <p>Some plugins have other licenses.</p> <p>Contributors have provided other portions of the software that are covered by the Embedthis</p>

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Version 2.1, February 1999

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3. [3]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
4. [4]Viraj Bais <vbais@mailman1.intel.com> and [5]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
5. [6]Michael Barone <michael.barone@lmco.com> GPSVME fixes
6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
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8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
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[28]<H.Lambermont@chello.nl> ntpswep
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34. [37]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
35. [38]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
36. [39]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG
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44. [48]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
45. [49]Wilfredo Sánchez <wsanchez@apple.com> added support for NetInfo
46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
47. [51]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
49. [53]Michael Shields <shields@tembel.org> USNO clock driver
50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
51. [55]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
52. [56]Kenneth Stone <ken@sdd.hp.com> HP-UX port
53. [57]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support
54. [58]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver

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56. [60]Ulrich Windl <[Ulrich.Windl@rz.uni-regensburg.de](mailto:Ulrich.Windl@rz.uni-regensburg.de)> corrected and validated HTML documents according to the HTML DTD

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