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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


Table of Contents

Contents


1	List of used Open Source Components.	6
2	Appendix - License Text	100
2.1	BSD-4-Clause (University of California-Specific)	100
2.2	Academic Free License v2.1.....	101
2.3	Apache License 1.1	104
2.4	Apache License 2.0	106
2.5	Apple Public Source License 1.1	109
2.6	Artistic License 1.0	110
2.7	BSD 2-clause "Simplified" License.....	113
2.8	BSD 3-clause "New" or "Revised" License.....	114
2.9	BSD-4-Clause (University of California-Specific)	115
2.10	Bzip2 License	116
2.11	Expat License.....	117
2.12	Fine Free File Command License	118
2.13	Freetype Project License	119
2.14	GCC Runtime Library Exception 3.1 to GPL 3.0	122
2.15	GNU General Public License v2.0 only	131
2.16	GNU General Public License v2.0 or later	137
2.17	GNU General Public License v3.0 or later with Bison exception 2.2	144
2.18	GNU Lesser General Public License v2.1 only.....	153
2.19	GNU Lesser General Public License v2.1 or later	164
2.20	GNU Library General Public License v2 or later	174
2.21	ICU License	184
2.22	ISC License	185
2.23	Independent JPEG Group License	186
2.24	Info-ZIP License	188
2.25	Info-ZIP Updated License.....	189
2.26	MFi Licenseing Program	190
2.27	MIT License.....	191
2.28	Mozilla Public License 2.0.....	192
2.29	OSF - X Consortium License.....	197
2.30	OpenSSL Combined License	198
2.31	OpenSceneGraph Public License, Version 0.0	200
2.32	PCRE 5 License	201
2.33	Public Domain.....	202
2.34	Python License 2.0	203
2.35	TCP Wrappers License	204
2.36	copyleft-next 0.3.0	205
2.37	curl License.....	205
2.38	libpng License.....	206
2.39	libtheora License	208
2.40	libtiff License	209
2.41	zlib License	210


BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

2.42	Boost Software License - Version 1.0	210
2.43	Unicode License	211
2.44	FreeImage Public License - Version 1.0	211
2.45	Unicode License for Data Files and Software.....	218
2.46	Lua 5.0 license	219
2.47	NeuQuant Neural-Net Quantization Algorithm License	219
2.48	License for Delaunay-Triangulation	219
2.49	BSD-like license (libktx)	220
2.50	OSGEOGRAPHY SOFTWARE LICENSE	222
3.	Other Open Source Dependencies:	223
3.1.1	X Windows - XFree86 1.9.....	223
5.1.2.	Zlib - 1.1.4.....	224
5.1.3.	OpenSSL - 0.9.8x.....	224
5.1.4.	SHA	224
5.1.5.	AES	224
5.1.6.	EAX.....	224
5.1.7.	Expat - 2.0.1.....	224
5.1.8.	Libpng - 1.2.40	225
5.1.9.	Libzip - 0.9	225
5.1.10.	JPEG - 6b.....	225
5.1.11	Libjpegturbo - 1.2.1	225
5.1.12	GCC libstdc++ - 4.1.2	225
5.1.13	Keysymdef.....	225
5.1.14	Endian	226
5.1.15	JRTPLIB - 3.9.1	226
5.1.16	JThread - 1.3.1	226
5.1.17	Portaudio - 1.9	226
5.1.18	Libxml2 - 2.9.1	226
5.1.19	Miniupnpc - 1.5	226
5.1.21	LibTomCrypt - 1.16	226
5.1.22	LibTomMath - 0.39.....	227
5.1.23	Base64.java - 2.3.5.2.	227
5.1.24	Internal Android OS APIs.....	227
5.1.25	ExtractMpeg FramesTest. java	227
5.1.26	Libupnp (pupnp) - 1.6.19.....	227
5.1.27	Libxml2 - 2.9.1	227
5.1.28	OpenSSL - 0.9.8x.....	227
5.1.29	Wpa_supplicant - 2.3	228
5.1.30	Pythonpsutil_2.1.3.bb.....	228
5.1.31	Android SupportLibraries - 19.0.0	228
5.1.33	axTLS - 1.1.8	228
5.1.34	Action - 0.1.1.....	228
5.1.35	Android - platform - frameworks – base - 4.0.1_r1.....	228
5.1.36	Android - platform - prebuilts – sdk - 4.4_r1.....	229
5.1.37	Android SDK Support Libraries – 19,23.1.1	229
5.2	Licensing, copyright, acknowledgements, and modifications	234
5.2.1	X Windows.....	234
5.2.1.1	The Open Group.....	234
5.2.1.2	Digital Equipment Corporation	234
5.2.1.3	Digital Equipment Corporation - Panoramix components.....	235

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

5.2.2 Zlib.....	236
5.2.3 OpenSSL	236
5.2.3.1 The OpenSSL Project	236
5.2.3.2 Eric Young.....	238
5.2.3.3 RealVNC modifications to OpenSSL.....	239
5.2.4 SHA	240
5.2.4.1 Dr Brian Gladman	240
5.2.4.2 Cameron Rich	240
5.2.5 AES	241
5.2.6 EAX	242
5.2.7 libjpeg-turbo	242
5.2.8 expat.....	244
5.2.9 libpng.....	244
5.2.10 libzip	247
5.2.10.2 Free Software Foundation	248
5.2.10.4 RealVNC modifications to libzip	249
5.2.11 FreeType.....	249
5.2.11.1 Definitions	249
5.2.11.2 No Warranty	250
5.2.11.3 Redistribution	250
5.2.11.4 Advertising	250
5.2.12 LodePNG	251
5.2.13 GCC libstdc++	251
5.2.14 keysymdef	251
5.2.15 Endian.....	252
5.2.16 JRTPLIB	253
5.2.17 JThread.....	253
5.2.18 portaudio	254
5.2.19 libxml2.....	255
5.2.19.1 License.....	255
5.2.19.2 hash.c	255
5.2.19.3 list.c	256
5.2.19.4 trio.c, trio.h.....	256
5.2.19.5 RealVNC modifications to libxml2	256
5.2.20.1 Copyright notice	257
5.2.20.2 License.....	257
5.2.21 LibTomCrypt	258
5.2.22 LibTomMath.....	258
5.2.23 Base64.java	259
5.2.24 Internal Android OS APIs	259
5.2.25 ExtractMpegFramesTest.java	259
5.2.26 libupnp (pupnp).....	259
5.2.27 libudev	261
5.2.28 WPA Supplicant	262
5.2.28.2 ath9k_faf1dc64_backport.patch.....	263
5.2.28.3 python-psutil_2.1.3.bb.....	263
5.2.29 Android Support Libraries	264
5.2.30 VNC Wi-Fi Display i.MX6 sample decoder	264
5.2.31 mxcfb.h.....	264
5.2.32 axTLS	265


BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


1 List of used Open Source Components.

This document contains a list of open source software (OSS) components used within the product under the terms of the respective licenses. The source code corresponding to the open source components is also provided along with the product wherever mandated by the respective OSS license


Name of OSS Component	Version of OSS Component	Name and Version of License (License text can be found in Appendix below)	Home Page	More Information
AES - Advanced Encryption Standard	1.0	zlib License	http://www.lomont.org/Software/Misc/AES/AES.php	Copyright (c):2000-2005 Chris Lomont
Alsa Libraries	1.0.29	GNU Lesser General Public License v2.1 or later	ftp://ftp.alsa-project.org/pub/lib	Copyright (c):2010 Red Hat Inc.
Android -	NA	Apache	http://developer.android.com/index.html	Copyright (c):2007 The

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


platform - bootable - recovery		Licens e 2.0		Android Open Source Project
Boost C++ Libraries - boost	1.56.0, 1.50.0, NA	Boost Softwa re Licens e 1.0	http://boost.org/	Copyright (c): Rene Rivera 2008-2013
Cairo Vector Graphics Library	1.14.2 , 1.11.2	GNU Lesser Gener al Public Licens e v2.1 or later	http://cairographics.org/introduction	Copyright (c): 2002 University of Southern California Copyright (c): 2004 Carl Worth
curl	7.59.0 , 7.52.1	curl Licens e	https://curl.haxx.se/	Copyright (C) 1998 - 2012, Daniel Stenberg, <daniel@haxx.se> , et al
CVTUTF	1.0	Unicod e Licens e	http://www.unicode.org/Public/PROGRAMS/CVTUTF	Copyright (C) 2001 Unicode, Inc
D-Bus	1.0	Acade mic Free Licens e v2.1	http://www.freedesktop.org/wiki/IntroductionToDBus	Copyright (c):2003 CodeFactory AB

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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Developers Image Library - Devil	1.7.8	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/openil/	Copyright (c): 2000-2009 Denton Woods
ECNR	NA	Academic Free License v2.1		Copyright (c):2010 © MontaVista Software, LLC.
EXIF Tag Parsing Library - libexif	0.6.21 NA	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/libexif/	Copyright © 2002 Lutz Mueller
Fontconfig	2.11.94	MIT License	http://freedesktop.org/wiki/Software/fontconfig	Copyright © 2001 Keith Packard
FreeImage	3.17.0	FreeImage Public License v1.0	http://sourceforge.net/projects/freeimage/	Copyright (c) 1991-1998, Thomas G. Lane.1994 Antony

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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GCC	5.2.0, 3.0	GCC Runtime Library Exception 3.1 to GPL 3.0	http://gcc.gnu.org/	Copyright (c) 2004-2013 Free Software Foundation, Inc
GENIVI Audio Manager	3.2 1.1	Mozilla Public License 2.0	https://www.ohloh.net/p/genivi-audio-manager	Copyright (c) 2012 Continental Automotive Systems, Inc
GENIVI Diagnostic Log and Trace Daemon	2.15.0 2.16.0	Mozilla Public License 2.0	http://projects.genivi.org/diagnostic-log-trace/	Copyright (c) 2011-2015, BMW AG
GENIVI IVI Layer Management	1.2.0, 0.9.9	Apache License 2.0	http://projects.genivi.org/ivi-layer-management	Copyright (c) 2010,2011 BMW Car IT GmbH, 2012, NVIDIA CORPORATION
GLib	2.0.0 , 2.44.1	GNU Library General Public License v2 or later	http://library.gnome.org/devel/glib/	Copyright (c) 2010 Codethink Limited
Glib	2.32.4	GNU Library General Public	http://developer.gnome.org/glib/	Copyright (c): 1995-1997 Peter Mattis, Kimball and Josh

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GNU C Library - glibc	2.22, 2.19N A	GNU Lesser Gener al Public Licens e v2.1 or later	http://www.gnu.org/software/libc/libc.html	Copyright (c) 2007-2013 Free Software Foundation, Inc.
GStream er	0.10.3 6	GNU Library Gener al Public Licens e v2 or later	http://gstreamer.freedesktop.org/modules/	Copyright (c) 1999,2000 Erik Walthinsen <omega@cse.ogi.ed u> 2000 Wim Taymans <wtay@chello.be>
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ICU - Internati onal Compon ents for Unicode	55.1,N A	Unicod e Licens e for Data Files and Softwa re	http://www- 306.ibm.com/software/globalization/icu/inde x.jsp	Copyright (C) 2009-2012, International Business Machines Corporation and others. All Rights Reserved. Copyright 2007 Google Inc. All Rights Reserved

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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JSON-C	0.12.0	MIT License	http://oss.metaparadigm.com/json-c/	Copyright (c) 2004, 2005 Metaparadigm Pte. Ltd. Michael Clark <michael@metaparadigm.com> Copyright (c) 2009 Hewlett-Packard Development Company, L.P
jsoncpp	1.7.7	MIT License	http://sourceforge.net/projects/jsoncpp/	Copyright (c) 2007-2010 Baptiste Lepilleur,
Khronos Group - OpenGL ES	3.0 2.0	MIT License	http://www.khronos.org/opengles/	Copyright (c) 2007-2013 The Khronos Group Inc; Confirmed By:Schoenfelder, Thorsten (ADITG/SW2) [tschoenfelder@de.adit-jv.com]
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BOSCH 	OSS Disclosure Document	DATE
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Libgpg-error Lib	1.19,1.12	GNU Lesser General Public License v2.1 or later	http://www.gnupg.org/	Copyright (C) 2003, 2004, 2010, 2013 g10 Code GmbH

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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LIBTAGINFO	0.1.6	GNU Lesser General Public License v2.1 only	https://bitbucket.org/shuerhaaken/libtaginfo/src/4c8c4f839907cd37731963fb7db2ca7a8bc84b38?at=master	Copyright (C) 2008-2013 J.Rios <anonbeat@gmail.com>, 2013 Jörn Magens
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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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Linux Kernel	3.14.79, NA	GNU General Public License v2.0 only	http://www.kernel.org/	Copyright (c) Linux Kernel Organization, Inc. and some other contributors.2014-2015 Mentor Graphics Inc,1999-2010 David Woodhouse. C) 2007 Cluster File Systems, Inc,2013 Advanced Driver Information Technology GmbH Confirmed By
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mDNSResponder	544	Apache License 2.0	http://developer.apple.com/opensource/	Copyright (c) 2003-2013 Apple Computer, Inc. All rights reserved
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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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PNG reference library: libpng - libpng-stable	1.6.8 1.6.32	libpng License	http://sourceforge.net/projects/libpng/	Copyright (c):1998-2011 Glenn Randers-Pehrson
protobuf	2.3.0	BSD 3-clause "New" or "Revised" License	http://code.google.com/p/protobuf/	Copyright 2008 Google Inc
Python	2.7.9	Python License 2.0	http://www.python.org/	Corporation for National Research Initiatives. Copyright (c) 1996. The Regents of the University of California. All rights reserved
qt5	5.6.1	GNU Lesser General Public	http://github.com/qtproject/qt5/	2015 The Qt Company Ltd.

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SQLite	3.15.0, 3.13.0, 3.11.1, 3.7.53.8.7.43.21.0	Public Domain	http://www.sqlite.org/	
systemd	225, N/A	GNU Lesser General Public License v2.1	http://freedesktop.org/wiki/Software/systemd/	Copyright (c) 2013 Lennart Poettering

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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TagLib Audio Meta-Data Library	NA	GNU Lesser General Public License v2.1 or later	http://taglib.github.com/	Copyright (c) 2008 by Scott Wheeler
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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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yajl	2.1.0	ISC Licens e	http://github.com/lloyd/yajl/	Copyright 2007- 2014, Lloyd Hilaiel
zlib	1.2.8 1.2.5 1.2.3 1.2.11 1.1.4 Null	zlib Licens e	http://www.zlib.net/	Copyright (c) 1995-2013 Jean- loup Gailly and Mark Adler
fastlz	0.1.0	MIT License	http://code.google.com/p/fastlz/	Copyright (c) Gomes Luis (CM- AI/PJ-CF42) This component is available in the white list. Confirmed by: Erben Peter (CM-AI/PJ-CF42)
RFC1321- based (RSA- free) MD5 library	1.6, NA	zlib License	http://sourceforge.net/projects/libmd5-rfc/	Copyright (c) Gomes, Luis This component is available in the white list. Reviewed by: Erben, Peter Gomes Luis (CM- AI/PJ-CF42) Confirmed by:

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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Developer's Image Library - DevIL	1.7.8	GNU Lesser General Public License v2.1 or later	http://sourceforge.net/projects/openil/	Copyright (c) 2000-2009 by Denton Woods
ACL	2.2.52	GNU Lesser General Public License v2.1 or later	https://savannah.nongnu.org/projects/acl	(C) 1999, 2000 Andreas Gruenbacher, <a.gruenbacher@computer.org>
cryptopp	NA	Public Domain	http://github.com/mmoss/cryptopp/	
Delaunay - Triangulation	NA	License for Delaunay-Triangulation	NA	Copyright (c) 1995 by AT&T
Ext2 Filesystems Utilities	1.42.9, NA	GNU General Public License v2.0 or later	http://e2fsprogs.sourceforge.net	Copyright (C) 1991, 1992 Linus Torvalds, Copyright (C) 1992, 1993, 1994, 1995 Remy Card (card@masi.ibp.fr) Laboratoire MASI - Institut Blaise Pascal Université Pierre et Marie Curie (Paris VI)
half	1.11.0, NA	MIT License	http://sourceforge.net/projects/half/	Copyright (c) 2012-2013 Christian Rau
HarfBuzz	1.0.2, NA	MIT License	http://freedesktop.org/wiki/Software/HarfBuzz	Copyright 2007, Google Inc, Copyright © 2009 Red Hat, Inc, Copyright © 2011 Codethink Limited, Copyright © 1998-

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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libarchive	3.2.1 3.1.2	BSD 3-clause "New" or "Revised" License	http://github.com/libarchive/libarchive/	Copyright (c) 2003-2010 Tim Kientzle All rights reserved
libjson	7.6.1, NA	BSD 2-clause "Simplified" License	http://sourceforge.net/projects/libjson/	Copyright 2011 Streamwide. All rights reserved
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MS Server 2003 Platform SDK non-redistributables	NA	Microsoft Windows Server 2003 SP1 SDK License for non-redistributables	http://www.microsoft.com/downloads/details.aspx?familyid=EBA0128F-A770-45F1-86F3-7AB010B398A3&displaylang=en	Copyright:(c) 2000 Robert Bosch GmbH, Hildesheim
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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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2006-Jan-27

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

2.14 GCC Runtime Library Exception 3.1 to GPL 3.0

GCC Runtime Library Exception 3.1 to GPL 3.0

Version 3.1, 31 March 2009

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".


A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.


c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.


4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.


You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:


a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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Preamble


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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.


Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.


(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under

BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.


c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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BOSCH 	OSS Disclosure Document	DATE
CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019


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- The hard-coding of config options in opensslconf.h.
- The addition of compile-time
-
-

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- s to remove dependencies of the C stio library and on Win32 UI.
- The addition of compile-time checks to remove filename strings from release binaries.

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! Reference source not found.

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5.2.9 libpng

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```
printf("%s",png_get_copyright(NULL));
```

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5.2.10.4 RealVNC modifications to libzip

The open source component used by *VNC Automotive* consists of the lib subdirectory of libzip 0.9, plus two variants on the corresponding config.h template. Three modifications have been made, as follows:

- libzip.vcproj has been added.
- On Windows, in libzip.h and zipint.h, no-op ZIP_EXTERN so that we build for linking statically.
- On Windows, in mkstemp.c, pid_t and S_ISDIR have been defined, and io.h and process.h included.

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5.2.13 GCC libstdc++

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5.2.14 keysymdef


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5.2.19.4 trio.c, trio.h

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5.2.20 miniupnpc

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5.2.20.3 RealVNC modifications to

miniupnpc The following modifications

have been made:

- Requests have been cancelled.
- MirrorLink-specific functionality has been added.
- Functionality specific to building for different hardware architectures has been added.

5.2.21 LibTomCrypt

LibTomCrypt, modular cryptographic library -- Tom St Denis

LibTomCrypt is a library that provides various cryptographic algorithms in a highly modular and flexible manner.

The library is free for all purposes without any express guarantee it works.

Tom St Denis, tomstdenis@gmail.com, <http://libtomcrypt.com>

5.2.22 LibTomMath


LibTomMath, multiple-precision integer library -- Tom St Denis

LibTomMath is a library that provides multiple-precision integer arithmetic as well as number theoretic functionality.

The library was designed directly after the MPI library by Michael Fromberger but has been written from scratch with additional optimizations in place.

The library is free for all purposes without any express guarantee it works.

Tom St Denis, tomstdenis@gmail.com, <http://math.libtomcrypt.com>

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5.2.23 Base64.java

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Please visit <http://iharder.net/base64> periodically to check for updates or to contribute improvements.

@author Robert Harder

@author rob@iharder.net

@version 2.3.5.2.

5.2.24 Internal Android OS APIs

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5.2.25 ExtractMpegFramesTest.java

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5.2.26 libupnp (pupnp)

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5.2.27 libudev


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5.2.28.1 RealVNC modifications to WPA Supplicant

RealVNC has applied the following patch:

<http://w1.fi/cgit/hostap/patch/?id=f2b3acc9d5.2.b91fbaccfc9dd8d408>

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CM_CI1	CM_CI1_RN_AIVI_Scope3.x	22nd august 2019

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5.2.28.2 ath9k_faf1dc64_backport.patch

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5.2.28.3 python-psutil_2.1.3.bb

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5.2.30 VNC Wi-Fi Display i.MX6 sample decoder

The information in this section expands upon that summarized in section 6.2, *VNC Wi-Fi Display i.MX6 sample decoder*.


5.2.31 mxcfb.h

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5.2.32 axTLS

axTLS Embedded SSL

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5.2.32 RealVNC modifications to axTLS

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Some unwanted type and function definitions have been removed.