Library Name	Version	Library Purpose	Usage of that version started in version	License Type	Link to License	Link to Software
Google Test (*)	1.6.0	Google's framework for writing C++ tests on a variety of platforms	AmpliStor 3.3	Open Source - BSD 2 Clause License	http://opensource.org/licenses/BSD-2-Clause	http://code.google.com/p/googletest/
scons (*)	2.2.0	SCons is an Open Source software construction tool—that is, a next-generation build tool	AmpliStor 3.3	Open Source - MIT	http://opensource.org/licenses/MIT	http://www.scons.org/
Tokyo Cabinet	1.4.48	Tokyo Cabinet is a library of routines for managing a database. The database is a simple data file containing records, each is a pair of a key and a value	AmpliStor 2.1	Open Source - LGPL 2.1	http://opensource.org/licenses/LGPL-2.1	http://fallabs.com/tokyocabinet/
bisect	1.1	Bisect is a code coverage tool for the Objective Caml language	AmpliStor 2.1	Open Source - GPL v3	http://opensource.org/licenses/GPL-3.0	http://bisect.x9c.fr/distrib/bisect.html

| ocaml | 4.00.1 | object oriented version of caml | AmpliStor 3.3 | Open Source - Q Public License 1.0 & GNU LGPL v2 | http://opensource.org/licenses/LGPL-2.1 http://opensource.org/licenses/QPL-1.0 | http://caml.inria.fr/ocaml/ |
| react | 0.9.2 | Applicative events and signals for OCaml | AmpliStor 2.1 | Open Source - BSD v3 | http://opensource.org/licenses/BSD-3-Clause | http://erratique.ch/software/react |

lwt	2.3.2	A cooperative threads library for OCaml. (light Weight Threads). Library used in OCaml source code to implement multiple threads.	AmpliStor 2.1	Open Source - LGPL2.1	http://opensource.org/licenses/LGPL-2.1	http://ocsigen.org/lwt/

Ubuntu	12.04.1 LTS	Ubuntu is an Open Source Linux Distribution	AmpliStor 2.1	Open Source - GPL	http://opensource.org/licenses/MIT	http://www.ubuntu.org
Adobe Flex Builder 3 (for windows)	3.0.2	IDE to develop flex applications	AmpliStor 2.1	Adobe Flex SDK License	http://www.adobe.com/pro	http://www.adobe.com/products/flex.html?promoid=DJDQX
oUnit	1.1.0	ocaml unit testing framework	AmpliStor 2.1	Open Source - MIT/X Consortium	http://darcs.ocamlcore.org/cgi-bin/darcsweb.cgi?r=ounit;a=headblob;f=/LICENSE.txt	http://ounit.forge.ocamlcore.org
ocaml findlib	1.4.0	ocaml library management tool	AmpliStor 2.1	Open Source - MIT/X11	https://godirepo.camlcity.org/wwwsvn/tags/findlib-1.2.7/LICENSE?rev=144&root=lib-findlib&view=auto	http://projects.camlcity.org/projects/findlib.html
json-wheel	1.0.6	ocaml json library	AmpliStor 2.1	Open Source - BSD	http://mjambon.com/json-wheel-license.txt	http://martin.jambon.free.fr/json-wheel.html
ocamlnet netsys	2.2.9	some extra networking C api calls exposed	AmpliStor 2.1	Open Source - zlib/png	https://godirepo.camlcity.org/wwwsvn/tags/ocamlnet-2.2.9/LICENSE?rev=1150&root=lib-ocamlnet2&view=auto	http://projects.camlcity.org/projects/ocamlnet.html

ocamlnet netstring	2.2.9	netstring parsing code	AmpliStor 2.1	Open Source - zlib/png	https://godirepo.camlcity.org/wwwsvn/tags/ocamlnet-2.2.9/LICENSE?rev=1150&root=lib-ocamlnet2&view=auto	http://projects.camlcity.org/projects/ocamlnet.html
ocamlnet equeue	2.2.9	generic event queue implementation	AmpliStor 2.1	Open Source - zlib/png	https://godirepo.camlcity.org/wwwsvn/tags/ocamlnet-2.2.9/LICENSE?rev=1150&root=lib-ocamlnet2&view=auto	http://projects.camlcity.org/projects/ocamlnet.html
ocamlnet rpcgenerator	2.2.9	RPC code generator	AmpliStor 2.1	Open Source - zlib/png	https://godirepo.camlcity.org/wwwsvn/tags/ocamlnet-2.2.9/LICENSE?rev=1150&root=lib-ocamlnet2&view=auto	http://projects.camlcity.org/projects/ocamlnet.html
ocamlnet rpc	2.2.9	RPC library	AmpliStor 2.1	Open Source - zlib/png	https://godirepo.camlcity.org/wwwsvn/tags/ocamlnet-2.2.9/LICENSE?rev=1150&root=lib-ocamlnet2&view=auto	http://projects.camlcity.org/projects/ocamlnet.html
pcre library	6.2.2	Perl 5 Compatible Regular Expression Library	AmpliStor 2.1	Open Source - BSD	http://www.pcre.org/licence.txt	http://www.pcre.org/

batteries	2.0.0	ocaml utility library	Amplistor 3.3	Open Source - LGPL 2.1	http://opensource.org/licenses/LGPL-2.1	http://batteries.forge.ocamlcore.org/

ocaml-pcre	6.2.2	ocaml binding for the Perl 5 Compatible Regular Expression Library	AmpliStor 2.1	Open Source - LGPL2.1	http://opensource.org/licenses/LGPL-2.1	http://www.ocaml.info/home/ocaml_sources.html
ocamlviz	1.01	real-time profiling tools for Objective Caml	AmpliStor 2.1	Open Source - LGPL v2	http://opensource.org/licenses/LGPL-2.1	http://ocamlviz.forge.ocamlcore.org/
Boost	1.53.0	Boost provides free peer-reviewed portable C++ source libraries.	AmpliStor 3.0	Open Source - Boost Software License	http://www.boost.org/users/license.html	http://www.boost.org/

Jenkins CI	1.4.86	A continuous integration server to manage the builds and test runs	AmpliStor 2.1	Open Source - MIT	http://opensource.org/licenses/MIT	http://jenkins-ci.org/
Gnu Compiler Collection (GCC)	4.7.3	C/C++ compiler	AmpliStor 3.0	Open Source - GPL	http://www.gnu.org/licenses/gpl.html	http://gcc.gnu.org/
MP Bignum library	5.0.5	GMP is a free library for arbitrary precision arithmetic, operating on signed integers, rational numbers, and floating point numbers	AmpliStor 3.1	Open Source - LGPL v3	http://opensource.org/licenses/LGPL-3.0	http://gmplib.org/

Pound	2.6-2	The Pound program is a reverse proxy, load balancer and HTTPS front-end for Web server(s)	AmpliStor 3.1	Open Source - GPL	http://www.gnu.org/licenses/gpl.html	http://www.apsis.ch/pound/index_html
OpenSSL	1.0.1	An Open Source toolkit implementing the Secure Sockets Layer (SSL v2/v3) and Transport Layer Security (TLS v1) protocols as well as a full-strength general purpose cryptography library	AmpliStor 3.4	Open Source - OpenSSL and SSLeay License apply	http://www.openssl.org/source/openssl-1.0.1c.tar.gz (see LICENSE)	http://www.openssl.org/
sas2ircu	16.00	sas2ircu Tool for basic management of mps(4) based LSI/Avago/Broadcom RAID controllers	AmpliStor 3.5	sas2ircu Tool for basic management of mps(4) based LSI/Avago/Broadcom RAID controllers	https://www.broadcom.com	https://www.freshports.org/sysutils/sas2ircu/

openssh	5.9p1-5	OpenSSH is the premier connectivity tool for remote login with the SSH protocol. It encrypts all traffic to eliminate eavesdropping, connection hijacking, and other attacks. In addition, OpenSSH provides a large suite of secure tunneling capabilities, several authentication methods, and sophisticated configuration options.	AmpliStor 3.5	Completely open source project with free licensing	https://www.openbsd.org/p	https://www.openssh.com/
ixgbe	4.1.5	Drivers for Intel(R) PRO/100, Intel(R) Gigabit, and Intel(R) 10GbE network adapters and integrated network connections.	AmpliStor 3.6	GNU General Public License, version 2, as published by the Free Software Foundation.	https://downloadcenter.intel.com/downloads/eula/25722/Intel-Network-Adapter-Driver-for-PCIe-Intel-10-Gigabit-Ethernet-Network-Connections-Under-Linux-?httpDown=https%3A%2F%2Fdownloadmirror.intel.com%2F25722%2Feng%2Fixgbe-4.1.5.tar.gz	https://downloadcenter.intel.com/download/25722/Ethernet-Intel-Network-Adapter-Driver-for-PCIe-Intel-10-Gigabit-Ethernet-Network-Connections-Under-Linux-

rsync	3.0.9	rsync is an open source utility that provides fast incremental file transfer.	AmpliStor 3.6	GNU General Public License	https://rsync.samba.org/	https://rsync.samba.org/
linux-tools	3.11.0	This package provides the architecture dependant parts for kernel version locked tools (such as perf and x86_energy_perf_policy)	AmpliStor 3.5	GNU General Public License	https://www.gnu.org/licens	http://packages.ubuntu.com/precise/linux-tools-3.11.0-26-generic
libssl	1.0.0	libssl shared libraries needed by programs like apache-ssl, telnet-ssl and openssh.	AmpliStor 3.4	Dual license i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.	http://changelogs.ubuntu.com/changelogs/pool/main/o/openssl/openssl_1.0.1-4ubuntu5.39/copyright	http://packages.ubuntu.com/precise/libssl1.0.0

linux-tools-common	3.2.0	This package provides the architecture independent parts for kernel version locked tools	AmpliStor 3.4	GNU General Public License	https://www.gnu.org/licens	http://packages.ubuntu.com
libdw	1_0.152	libdw1 provides a library that provides access to DWARF debug information stored inside ELF files	AmpliStor 3.4	GNU General Public License	http://changelogs.ubuntu.com/changelogs/pool/main/e/elfutils/elfutils_0.152-1ubuntu3.1/copyright	http://packages.ubuntu.com/precise/libdw1
linux-tools-lts-raring	3.8.0	Linux kernel versioned Tools	AmpliStor 3.4	GNU General Public License	https://www.gnu.org/licens	http://packages.ubuntu.com/precise/linux-tools-lts-raring

apparmor	2.7.102	AppArmor is a kernel enhancement to confine programs to a limited set of resources.	AmpliStor 3.5	GNU General Public License	https://www.gnu.org/licenses/gpl-3.0.en.html	http://packages.ubuntu.com/precise/apparmor
sudo	1.8.3	Provide limited super user privileges to specific users	AmpliStor 3.5	ISC-style license	http://changelogs.ubuntu.com/changelogs/pool/main/s/sudo/sudo_1.8.16-0ubuntu3/copyright	https://launchpad.net/ubuntu/+source/sudo/
linux-lts-saucy-tools	3.11.0	This package provides the architecture dependant parts for kernel version locked tools	AmpliStor 3.5	GNU General Public License	https://www.gnu.org/licenses/gpl-3.0.en.html	http://packages.ubuntu.com/hu/precise/linux-lts-saucy-tools-3.11.0-26

| linux-tools-generic-lts-saucy | 3.11.0 | This package will always depend on the latest generic 13.10 kernel tools available. | AmpliStor 3.5 | GNU General Public License | http://changelogs.ubuntu.com/changelogs/pool/main/l/linux-meta-lts-trusty/linux-meta-lts-trusty_3.13.0.112.103/copyright | https://launchpad.net/ubuntu/precise/amd64/linux-tools-generic-lts-saucy/3.11.0.26.23 |
| ntp | 4.2.6 | Network Time Protocol daemon and utility programs | AmpliStor 3.6 | ISC-style license | http://changelogs.ubuntu.com/changelogs/pool/main/n/ntp/ntp_4.2.8p8+dfsg-1ubuntu2/copyright | https://launchpad.net/ubuntu/precise/amd64/ntp/1:4.2.6.p3+dfsg-1ubuntu3.6 |

Purpose in AmpliStor	Usage-type (dynamic, static, other)	Special Remarks	Obligation to pass License on to Customer	Type of Obligation	Has code been modified?
Used for testing. Not distributed in AmpliStor			No		No
Used for creation of AmpliStor software. Not distributed in AmpliStor			No		No
Used inside the BlockDevice Interface and inside the Storage Nodes. Distributed in AmpliStor	The library is dynamically linked		No		Yes
Used for testing. Not integrated into the Amplistor product			No		No

This is used to generate the executables, which are distributed in Amplistor. The libraries are statically compiled into the executables. Objectcode will be provided as from the 3.0 release.	Amplidata (in the AmpliStor product) uses the compiler but doesn't distribute it. We use the libraries and we distribute them. These are under an LGPL v2 license. The libraries are statically compiled into the AmpliStor executables.	As a special exception to the Q Public Licence, you may develop application programs, reusable components and other software items that link with the original or modified versions of the Compiler and are not made available to the general public, without any of the additional requirements listed in clause 6c of the Q Public licence.	Yes	- Supply a copy of the License	Yes
Used for testing. Not integrated into the Amplistor product			No		No

Used inside Amplistor to generate code to run multiple processes at the same time in the encoding/decoding deamons. This is used to generate the executables, which are distributed in Amplistor. The libraries are statically compiled into the executables. Objectcode will be provided as from the 3.0 release.	Amplistor is a work that uses the lwt libraries and is not a derivative of it. The libraries are statically compiled into AmpliStor	"As a special exception to the GNU Library General Public License, you may also link, statically or dynamically, a "work that uses the Library" with a publicly distributed version of the Library to produce an executable file containing portions of the Library, and distribute that executable file under terms of your choice, without any of the additional requirements listed in clause 6 of the GNU Library General Public License. By "a publicly distributed version of the Library", we mean either the unmodified Library, or a modified version of the Library that is distributed under the conditions defined in clause 3 of the GNU Library General Public License. This exception does not however invalidate any other reasons why the executable file might be covered by the GNU Library General Public License." While some files in the lwt package are distributed under a BSD3 license, none of these files are being used inside AmpliStor	Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	Yes

A stripped down version of Ubuntu is shipped and installed on all the AmpliStor nodes. This distribution serves as the basic Operating System to access the hardware and the network.	There are no executables in AmpliStor that are statically linked into these libraries		Yes	- Supply a copy of the License	No
This IDE is used to develop and built the UI component. It compiles the flex code and generates an .swf. It is not distributed as part of the software			No		No
Used for testing. Not integrated into the Amplistor product			No		No
This is used to generate the executables. This is not distributed in Amplistor			No		No
Used for handling and generating json data structures;	This library is statically linked into the AmpliStor executables		Yes	- Supply a copy of the License	No
dependency of ocamlnet netstring;	This library is statically linked into the AmpliStor executables		No		No

			No		No
Used for parsing and validating URIs;	This library is statically linked into the AmpliStor executables		No		No
dependency of ocamlnet rpc;	This library is statically linked into the AmpliStor executables		No		No
rpc code generator used for generating code for NFS support;	This library is statically linked into the AmpliStor executables		No		No
RPC library used for NFS support;	This library is statically linked into the AmpliStor executables		No		No
used by ocaml-pcre;	This library is statically linked into the AmpliStor executables		Yes	- Supply a copy of the License	No

| used in testcode and AmpliStor product (DSS binary) | This library is statically linked into the AmpliStor executables. Amplistor uses this library but is not derived from this library | "As a special exception to the GNU Library General Public License, you may link, statically or dynamically, a "work that uses the Library" with a publicly distributed version of the Library to produce an executable file containing portions of the Library, and distribute that executable file under terms of your choice, without any of the additional requirements listed in clause 6 of the GNU Library General Public License. By "a publicly distributed version of the Library", we mean either the unmodified Library as distributed by INRIA, or a modified version of the Library that is distributed under the conditions defined in clause 2 of the GNU Library General Public License. This exception does not however invalidate any other reasons why the executable file might be covered by the GNU Library General Public License." | Yes | - Supply a copy of the License
- Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work | No |

used by ocamlnet netstring;	This library is statically linked into the AmpliStor executables. Amplistor uses this library but is not derived from this library	"As a special exception to the GNU Library General Public License, you may link, statically or dynamically, a "work that uses the Library" with a publicly distributed version of the Library to produce an executable file containing portions of the Library, and distribute that executable file under terms of your choice, without any of the additional requirements listed in clause 6 of the GNU Library General Public License. By "a publicly distributed version of the Library", we mean either the unmodified Library as distributed by INRIA, or a modified version of the Library that is distributed under the conditions defined in clause 2 of the GNU Library General Public License. This exception does not however invalidate any other reasons why the executable file might be covered by the GNU Library General Public License."	Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No
Used for testing. Not integrated into the Amplistor product			No		No
Used as a programming framework.	Libraries are linked statically into the volumedriver and dss binaries (part of AmpliStor), which are distributed		No		No

			No		No
Used to build & test all aspects of the Amplidata products but not distributed. This is an automation build tool (which manages the compilation process and testing process)	No linking happening.		No		No
Used to build VolumeDriver and Bitspread encoder/decoder libraries (but not distributed)	Amplistor is not derived from GCC, nor does AmpliStor uses GCC. We only use GCC to compile software. In the link-phase, we are linking to other 3rd party code as mentioned in the list of 3rd party software		No		No
Used for calculating optimal settings for the codec.	This is not distributed, nor used in any compilation/linking process		No		No

			Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	Yes
The pound process terminates HTTPS connections and translates them into HTTP connections. It operates on the level of HTTP sockets .	A modified version is distributed as part of AmpliStor. Pound is used in front of the clientdaemon.				
AmpliStor has code with all encoding functionality insode. This code calls a dynamically linked openssl library	The OpenSSL library is distributed as part of AmpliStor and installed on every machine	The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.	Yes	- Supply a copy of the License	No
Used to query information out of LSI/Broadcom SAS controllers	The sas2ircu is distributed as part of AmpliStor and installed on every machine		No		No

Used to connect to machines using a secure tunnel	The Openssh tool is distributed as part of AmpliStor and installed on every machine		Yes	- Supply a copy of the License	No
This is a driver which is needed in order to enable usage of the Intel 10 Gbit NIC ports	The isgbe driver is distributed as part of AmpliStor and installed on every machine		Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No

			Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No
This is a tool used to replicate monitoring files (rrd) residing on all the nodes to the management node	The rsync tool is distributed as part of AmpliStor and installed on every machine		Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No
			Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No
libssl is the portion of OpenSSL which supports TLS (SSL and TLS Protocols), and depends on libcrypto.	The libssl library is distributed as part of AmpliStor and installed on every machine		Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No

				Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No
				Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No
				Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No

Linux kernel security module that allows the system administrator to restrict programs' capabilities with per-program profiles			Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No
			Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No
			Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No

			Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No
Sync time between machines	NTP is distributed as part of AmpliStor and installed on every machine		Yes	- Supply a copy of the License - Accompany the work with a written offer, valid for at least three years, to give the same user access to the complete corresponding machine-readable source code for the Library including whatever changes were used in the work	No