

Open Source Components

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# Common

The following Open Source Components are used by all of the Voltage Security product lines:

## Voltage Encryption Toolkit SDK

Version 5.6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source** | **Description** |
| [OpenSSL](http://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1m | src | SSL/TLS and crypto APIs |
| [MD5](https://www.ietf.org/rfc/rfc1321.txt)  https://www.ietf.org/rfc/rfc1321.txt | MD5 | na | src | RFC 1321 MD5 |
| [libcurl](http://curl.haxx.se/libcurl/)  http://curl.haxx.se/libcurl/ | Libcurl | 7.42.1 | src | Client-side URL transfer library (used in Voltage toolkit) |
| [zlib](http://www.zlib.net/)  http://www.zlib.net/ | Zlib | 1.2.7 | src | Compression Library |
| [zip/unzip](http://www.winimage.com/zLibDll/minizip.html)  http://www.winimage.com/zLibDll/minizip.html | Zip/Unzip | 1.0.1e | src | Zip/unzip Library |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  | **License** | **Version** | **Binary or Source** | **Products touched** |
| [Openssl](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 0.98e | binary | Used by Thales nShield Connect |
| [Python](https://www.python.org/download/releases/2.5.1/)  https://www.python.org/download/releases/2.5.1/ | Python PSF | 2.5 | src | Used by Thales nShield Connect |
| [BSD C library](http://cvsweb.openbsd.org/cgi-bin/cvsweb/)  http://cvsweb.openbsd.org/cgi-bin/cvsweb/ | BSD 2-Clause | 1.10.3 |  | Used by Thales nShield Connect |
| [getdate.y](http://web.mit.edu/dosathena/sandbox/emacs-19.28/lib-src/getdate.y)  http://web.mit.edu/dosathena/sandbox/emacs-19.28/lib-src/getdate.y | GPL 3 | na | src | Used by Thales nShield Connect |
| [SNMP](http://sourceforge.net/projects/net-snmp/files/OldFiles/ucd-snmp/4.2.6/)  http://sourceforge.net/projects/net-snmp/files/OldFiles/ucd-snmp/4.2.6/ | Net SNMP | 4.2.6 | binary | Used by Thales nShield Connect |
| [PRNGD](http://prngd.sourceforge.net/)  http://prngd.sourceforge.net/ | PRNGD | 0.9.29 | binary | Used by Thales nShield Connect |
| [tcl](http://www.tcl.tk/software/tcltk/8.4.html)  http://www.tcl.tk/software/tcltk/8.4.html | Tcl/Tk | 8.4 | binary | Used by Thales nShield Connect |
| [Gnu Privacy Guard](http://sourceforge.net/projects/portabletbird/files/Source%20%28GPG%29/GPG%201.4.7.%20Source/)  http://sourceforge.net/projects/portabletbird/files/Source%20%28GPG%29/GPG%201.4.7.%20Source/ | GPL 3 | 1.4.7 | binary | Used by Thales nShield Connect |
| [pyOpenSSL](https://pypi.python.org/pypi/pyOpenSSL)  https://pypi.python.org/pypi/pyOpenSSL | Apache 2.0 | 0.14 | src | Used by Thales nShield Connect |
| [elementtree](http://effbot.org/downloads/#elementtree)  http://effbot.org/downloads/#elementtree | Python PSF | **2.5** | src | Used by Thales nShield Connect |
| [cElementTree](http://effbot.org/downloads/#elementtree)  http://effbot.org/downloads/#elementtree | BSD 2 | 1.2.7 | src | Used by Thales nShield Connect |
| [PKCS11](ftp://ftp.rsasecurity.com/pub/pkcs/pkcs-11/v2-20/pkcs11.h)  ftp://ftp.rsasecurity.com/pub/pkcs/pkcs-11/v2-20/pkcs11.h | PKCS11 | 1.5 | src | Used by Thales nShield Connect |

## High Voltage SDK

Version 2.1.0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source** | **Description** |
| [OpenSSL](http://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1m | src | Code extracted for bignum and AES/SHA256 |
| [icu](http://www.icu-project.org/)  http://www.icu-project.org/ | ICU | 57.1 | src | Code fragments used. icu\_utf8.c - u\_strFromUTF8() and u\_strToUTF8() from common/ustrtrns.cpp icu\_utf8.h - minimal header, hand-coded icu\_snippet.h - minimal supporting decls and defs from ICU as needed... |
| [Inetl Fast SHA=256](http://downloadmirror.intel.com/22357/eng/sha256_code_release_v2.zip)  http://downloadmirror.intel.com/22357/eng/sha256\_code\_release\_v2.zip | Intel | V2 | src | Intel Fast SHA-256 assembler implementation |

# Voltage SecureMail

The following Open Source Components are used by the Voltage SecureMail product line:

## Voltage SecureMail Server

Version 6.3.1

|  | **License** | **Version** | **Binary or Source?** | **Description** |
| --- | --- | --- | --- | --- |
| **Server** | | | | |
| [Apache HttpComponents](http://hc.apache.org/)  http://hc.apache.org/ | Apache 2.0 | 4.5 | bin | Java components focused on HTTP and associated protocols |
| [Apache Jakarta Commons](http://commons.apache.org/)  http://hc.apache.org/ | Apache 2.0 | (various versions) | bin | Various utility methods (file-upload, etc.) |
| [Apache Jakarta ORO](http://jakarta.apache.org/oro/)  https://archive.apache.org/dist/jakarta/oro/ | Apache 1.1 | 2.0.8 | bin | Pattern matching library |
| [BIRT](http://www.eclipse.org/birt/phoenix/)  <http://www.eclipse.org/birt/> | Eclipse Public License 1.0 | 2.3.1 | bin | Management console reporting functionality |
| [IBM ICU](http://www-01.ibm.com/software/globalization/icu/)  http://www-01.ibm.com/software/globalization/icu/ | ICU | 3.8.1 | bin | International Components for Unicode |
| [Eclipse EMF](http://www.eclipse.org/modeling/emf/)  http://www.eclipse.org/modeling/emf/ | Eclipse Public License 1.0 | 2.4.1 | bin | Eclipse Modeling Framework |
| [Eclipse DTP](http://www.eclipse.org/datatools/)  http://www.eclipse.org/datatools | Eclipse Public License 1.0 | 1.6.1 | bin | Eclipse Data Tools Platform |
| [Eclipse Equinox](http://eclipse.org/equinox/)  http://eclipse.org/equinox/ | Eclipse Public License 1.0 | 3.4.1 | bin | An implementation of the Osage R4 core framework specification |
| [Mozilla Rhino](https://developer.mozilla.org/en-US/docs/Mozilla/Projects/Rhino)  https://developer.mozilla.org/en-US/docs/Mozilla/Projects/Rhino | Mozilla 1.1 | 1.6.7 | bin | Java Script for Java |
| [iText](http://sourceforge.net/projects/itext/)  http://sourceforge.net/projects/itext/ | Mozilla 1.1 | 1.5.4 | bin | A library that allows you to generate PDF files on the fly |
| [Apache Batik](http://xmlgraphics.apache.org/batik/)  http://xmlgraphics.apache.org/batik/ | Apache 2.0 | 1.6 | bin | Java toolkit for images in the Scalable Vector Graphics (SVG) format. |
| [Apache Commons CLI](http://commons.apache.org/proper/commons-cli/)  http://commons.apache.org/proper/commons-cli/ | Apache 2.0 | 1 | bin | Command Line arguments parser. |
| [Apache Derby](http://db.apache.org/derby/)  http://db.apache.org/derby/ | Apache 2.0 | 10.3 | bin | An open source relational database implemented entirely in Java |
| [W3C SAC](http://www.w3.org/Style/CSS/SAC/)  http://www.w3.org/Style/CSS/SAC/ | W3C | 1.3 | bin | Basic interface for CSS (Simple API for CSS) parsers |
| [Bouncy Castle JCE Provider](http://bouncycastle.org/java.html)  http://bouncycastle.org/java.htm | Bouncy Castle | 1.47 | bin | Crypto APIs |
| [EclipseLink MOXy](http://www.eclipse.org/eclipselink/)  http://www.eclipse.org/eclipselink/ | Eclipse Public License 1.0 | 2.6.0 | bin | JSON marshal / unmarshal |
| [EWS](https://github.com/OfficeDev/ews-java-api)  https://github.com/OfficeDev/ews-java-api | MIT | 2.1 | src | Java client API for Microsoft Exchange Web Services |
| [formatDate.js](https://github.com/brightbits/formatDate-js)  https://github.com/brightbits/formatDate-js | Flot | unversioned | src | Formatting dates in JavaScript |
| [FreeMarker](http://freemarker.sourceforge.net/docs/app_license.html)  http://freemarker.org/docs/app\_license.html | Apache 2.0 | 2.3.25-incubating | src | Template engine (ZDM/Brand Manager) |
| [GMP](https://gmplib.org/)  <https://gmplib.org/> | LGPL 2.1 | 4.1.4 | bin | GNU Multiple Precision Arithmetic Library, included with Voltage Encryption Toolkit v3.5 |
| [Guava](http://code.google.com/p/guava-libraries/)  http://code.google.com/p/guava-libraries/ | Apache 2.0 | 18.0 | bin | Core Java utility library |
| [HTML Parser](http://htmlparser.sourceforge.net/)  http://htmlparser.sourceforge.net/ | LGPL 2.1 | 2 | bin | Parses out dangerous HTML, JS, etc. |
| [Jasper](http://tomcat.apache.org/tomcat-4.1-doc/jasper-howto.html)  http://tomcat.apache.org/tomcat-4.1-doc/jasper-howto.html | Apache 2.0 | 2.0 | bin | JSP compiler/engine (from Jetty bundle) |
| [Java Getopt](http://www.urbanophile.com/arenn/hacking/download.html)  http://www.urbanophile.com/arenn/hacking/download.html | LGPL 2 | 1.0.13 | bin | Java library for parsing command line arguments (Admin delete events tool) |
| [Java Runtime Environment](http://www.oracle.com/technetwork/java/javase/overview/index.html)  http://www.oracle.com/technetwork/java/javase/overview/index.html | Oracle BCL | 1.8.0\_131 | bin | VM for running the server and console |
| [JavaBeans Activation Framework](http://java.sun.com/javase/technologies/desktop/javabeans/jaf/index.jsp)  http://www.oracle.com/technetwork/java/javase/tech/index-jsp-138795.html | JavaBeans Activation Framework | 1.0.2 | bin | Framework (activation.jar) |
| [JavaMail](http://www.oracle.com/technetwork/java/javamail/index.html)  http://www.oracle.com/technetwork/java/javamail/index.html | Javamail | 1.5.1 | bin | Sending mail from the ZDM, ES, MC, etc. |
| [Jersey](http://jersey.java.net/)  https://jersey.java.net/ | CDDL 1.1 | 2.23.2 | bin | Reference Implementation for building RESTful Web services |
| Jersey bundled 3rd party libraries (CDDL+GPLv2 license)     |  |  |  | | --- | --- | --- | | Item | Version | description | | javax.annotation-api.jar | 1.2 | Java common annotations | | javax.inject.jar | 2.30-b10 | Injection API (JSR 330) | | hk2-api.jar | 2.3.0-b10 | JSR 330 implementation  Hk2 core | | hk2-locator.jar | 2.3.0-b10 | HK2 service locator | | hk2-utils.jar | 2.3.0-b10 | HK2 utilies | | jersey-entity-filtering.jar | 2.22.1 | Jersey extension for entity data filtering | | jersey-guava.jar | 2.13 | Jersey Guava Repackaged | | jersey-media-moxy.jar | 2.22.1 | Jersey JSON entity provider based on EclipseLink MOXy | | CDDL+GPLv2 |  | bin |  |
| Jersey bundled 3rd party libraries (Apache 2.0 license)     |  |  |  | | --- | --- | --- | | Item | Version | description | | validation-api.jar | 1.1.0.Final | Bean Validation API | | javassist.jar | 3.18.1-GA | A class library for editing bytecodes in Java | | org.osgi.core.jar | 4.2.0 | OSGi for use in compiling bundles. | | Apache 2.0 |  | bin |  |
| [Jetty](http://eclipse.org/jetty/)  http://eclipse.org/jetty/ | Dual license:  Eclipse  and Apache 2.0 | 9.3.11 | bin | Servlet engine / HTTP server |
| [Logging Façade (SLF4J)](http://www.slf4j.org/)  http://www.slf4j.org/ | MIT-style | 1.6.4 | bin | Logging  (Jetty dependency) |
| [jQuery](http://jquery.com/)  <http://jquery.com/> | MIT-style | 1.8.3, 3.2.1 | src | MC Help pages; HTML document parsing and event handling for ZDM pages |
| [JSCookMenu.js](http://jscook.yuanheng.org/JSCookMenu/)  http://jscook.yuanheng.org/JSCookMenu/ | jQuery URL Parser | 1.31 | src | Brand Manager UI |
| [JSON Processing](https://jsonp.java.net/)  https://jsonp.java.net/ | CDDL 1.1 | 1.0.4 | bin | JSR 353 reference implementation |
| [JSP Standard Tag Library](http://tomcat.apache.org/taglibs/standard/)  http://tomcat.apache.org/taglibs/standard/ | Apache 2.0 | 1.1.2 | bin | Tag library |
| [MariaDB Server](https://mariadb.org/)  https://mariadb.org/ | GPL 2 | 10.0.28 | bin | Database storage for configuration, user data and events. |
| [MariaDB Client Library for Java](https://downloads.mariadb.org/client-java/)  https://downloads.mariadb.org/client-java/ | LGPL 2.1 | 1.4.6 | bin | Access database from Java. |
| [Modernizr](http://modernizr.com/)  http://modernizr.com/ | MIT-style | 2.7.1 | src | HTML5 and CSS3 browser compatibility tools |
| [MyFaces](http://myfaces.apache.org/)  http://myfaces.apache.org/ | Apache 2.0 | 2.2.8 | bin | JSF |
| MyFacesHack.js  (source no longer available) | unknown | unversioned | src | BrandManager UI (works with JSCookMenu.js) |
| [OWASP ESAPI](https://www.owasp.org/index.php/Category:OWASP_Enterprise_Security_API)  https://www.owasp.org/index.php/Category:OWASP\_Enterprise\_Security\_API | BSD 2-Clause | 2.1.0 | bin | Web application security control library |
| [Prototype JavaScript Framework](http://www.prototypejs.org/)  http://prototypejs.org/ | MIT-style | 1.7 | src | Brand Manager |
| [Redirecting System.out and System.err to a rolling log file](https://blogs.oracle.com/nickstephen/entry/java_redirecting_system_out_and)  https://blogs.oracle.com/nickstephen/entry/java\_redirecting\_system\_out\_and | Redirecting System.out and System.err | unversioned | src | Logging system output into a log file |
| [script.aculo.us](http://script.aculo.us/)  http://script.aculo.us/ | MIT-style | 1.9.0 | src | Brand Manager UI (effects.js) |
| [Struts](http://struts.apache.org/)  http://struts.apache.org/ | Apache 1.1 | 1.1 | bin | (JSF dependency) |
| [TinyMCE](http://tinymce.moxiecode.com/)  http://www.tinymce.com/ | LGPL 2.1 | 4.4.1 | src | Rich text editor (ZDM/Brand Manager) |
| [Tomahawk](http://myfaces.apache.org/tomahawk/index.html)  http://myfaces.apache.org/tomahawk/index.html | Apache 2.0 | 1.1.14 | bin | JSF components |
| [Tomcat JDBC Connection Pool](https://tomcat.apache.org/tomcat-7.0-doc/jdbc-pool.html)  https://tomcat.apache.org/tomcat-7.0-doc/jdbc-pool.html | Apache 2.0 | 7.0.47 | bin | Database connection pool |
| [Xerces](http://xerces.apache.org/xerces2-j/)  http://xerces.apache.org/xerces2-j/ | Apache 2.0 | 2.8.0 | bin | XML parser |
| [Yahoo UI Library (YUI)](http://developer.yahoo.com/yui/)  http://yuilibrary.com/ | Yahoo! UI (YUI) Library | 2.2.2 | src | reset.css include (ZDM) for 4.x brand versions |
|  |  |  |  |  |
| **Gateway** | | | | |
| [Sendmail](http://www.sendmail.org/)  http://www.sendmail.com/sm/open\_source/ | Sendmail | 8.14.4 | bin | MTA / Milter API |
| [Pico and Pine](http://www.washington.edu/pine/)  http://www.washington.edu/pine/ | Pico and Pine | unknown | src | Gateway SDK testing for RFC 2047. |
| [University of Washington IMAP Toolkit](http://www.washington.edu/imap/)  http://www.washington.edu/imap/ | Apache 2.0 | imap-2002e | src | API for building email clients and servers |
|  |  |  |  |  |
| **Appliance** | | | | |
| [CentOS](http://www.centos.org/)  http://www.centos.org/ | GPL 2 | 5.11 | bin | Appliance OS |
| [timeconfig.py](http://vault.centos.org/5.11/os/SRPMS/)  http://vault.centos.org/5.11/os/SRPMS/ | GPL 2 | unknown | src | Python time zone selection dialog |
| [timezoneBackend.py](http://vault.centos.org/5.11/os/SRPMS/)  http://vault.centos.org/5.11/os/SRPMS/ | GPL 2 | unknown | src | Handle time zone calculations in Python |
| [zonetab.py](http://vault.centos.org/5.11/os/SRPMS/)  http://vault.centos.org/5.11/os/SRPMS/ | LGPL | unknown | src | Time zone Python objects |
|  | | | | |
| **Windows** | | | | |
| [Apache Commons Daemon](http://commons.apache.org/proper/commons-daemon/index.html)  http://commons.apache.org/proper/commons-daemon/index.html | Apache 2.0 | 1.0.15 | bin | Run Java code as a Windows service |
| [Nullsoft Scriptable Install System (NSIS)](http://nsis.sourceforge.net/)  http://nsis.sourceforge.net/Main\_Page | NSIS | 2.46 | bin | Creating Windows installers (lzma compression only) |
| [CharToASCII.nsh](http://nsis.sourceforge.net/CharToASCII)  http://nsis.sourceforge.net/CharToASCII | NSIS | unversioned | src | NSIS macro to get the ASCII code for a character |
| [GetTimeStamp.nsh](http://nsis.sourceforge.net/GetTimeStamp)  http://nsis.sourceforge.net/GetTimeStamp | NSIS | unversioned | src | NSIS macro to get a time stamp |
| [MoveFileFolder.nsh](http://nsis.sourceforge.net/MoveFileFolder)  http://nsis.sourceforge.net/MoveFileFolder | NSIS | 1.0.0 | src | NSIS macro to rename files and folders |
| [Registry.nsh](http://nsis.sourceforge.net/Registry_plug-in)  http://nsis.sourceforge.net/Registry\_plug-in | NSIS | 4.1 | src | NSIS macro to read Windows registry values |
| [ReplaceInFile.nsh](http://nsis.sourceforge.net/ReplaceInFile)  http://nsis.sourceforge.net/ReplaceInFile | NSIS | unversioned | src | NSIS macro to modify config files after installation |
| [StrContains.nsh](http://nsis.sourceforge.net/StrContains)  http://nsis.sourceforge.net/StrContains | NSIS | 1.0 | src | NSIS macro to see if a string contains another. Dependency of StrRep.nsh |
| [StrReplace.nsh](http://nsis.sourceforge.net/StrRep)  http://nsis.sourceforge.net/StrRep | NSIS | 4.0 | src | NSIS macro to modify config files after installation |

## Voltage SecureMail Cloud (SAAS)

Version 2017.2.1

|  | **License** | **Version** | **Binary or Source?** | **Description** |
| --- | --- | --- | --- | --- |
| [actions.py](https://djangosnippets.org/snippets/2369/)  <https://djangosnippets.org/snippets/2369/> | Django Snippets | Unknown | src | Export objects as CSV in Django |
| [Apache](http://www.apache.org/)  http://www.apache.org/ | Apache 2.0 | 2.2.15 | bin | web server |
| [csv\_unicode.py](https://docs.python.org/2/library/csv.html)  https://docs.python.org/2/library/csv.html | Python PSF | 2.0 | src | Python CSV formatting with Unicode characters |
| [Django](https://www.djangoproject.com/)  https://www.djangoproject.com/ | Django | 1.6.11 | src | web application framework written in Python |
| [Django-appconf](http://django-appconf.readthedocs.org/en/latest/)  http://django-appconf.readthedocs.org/en/latest/ | Django appconf | 0.6 | src | A helper class for handling configuration defaults of packaged Django apps gracefully. |
| [Django-authority](https://github.com/jezdez/django-authority/)  https://github.com/jezdez/django-authority/ | Django | 0.5 | src | django permissions app |
| [Django-compressor](http://django-compressor.readthedocs.org/en/latest/)  http://django-compressor.readthedocs.org/en/latest | Django compressor | 1.1.2 | src | Django Compressor combines and compresses linked and inline Javascript or CSS in a Django templates into cacheable static files |
| [Django-countries](https://github.com/SmileyChris/django-countries)  https://github.com/SmileyChris/django-countries | Django countries | unknown | src | django app for a list of world countries |
| [Django-debug-toolbar](https://github.com/django-debug-toolbar/django-debug-toolbar)  https://github.com/django-debug-toolbar/django-debug-toolbar | Django debug toolbar | 0.9.4 | src | A configurable set of panels that display various debug information about the current request/response |
| [Django-extensions](https://github.com/django-extensions/django-extensions)  https://github.com/django-extensions/django-extensions | Django extensions | 1.1.1 | src | This is a repository for collecting global custom management extensions for the Django Framework |
| [Django-registration](https://www.djangopackages.com/packages/p/django-registration/)  <https://www.djangopackages.com/packages/p/django-registration/> | BSD | 0.8 | src | user-registration application for Django |
| [Django-requestlogging](https://pypi.python.org/pypi/django-requestlogging)  https://github.com/ericholscher/django-test-utils | Django request logging | 1.0 | src | django app for customizing log messages based on request |
| [Django-test-utils](https://github.com/ericholscher/django-test-utils)  https://github.com/ericholscher/django-test-utils | Django test utils | 0.3 | src | Utilities for testing Django applications |
| [Flot](https://github.com/flot/flot)  https://github.com/flot/flot | Flot | 0.7 | src | Graph plotting |
| [httplib2](http://code.google.com/p/httplib2/)  https://code.google.com/p/httplib2/ | MIT | 0.8 | src | A comprehensive HTTP client library that supports many features left out of other HTTP libraries |
| [JQuery](http://code.jquery.com/jquery-1.9.1.js)  <http://code.jquery.com/jquery-1.9.1.js>  http://code.jquery.com/jquery-1.5.1.js  <http://code.jquery.com/jquery-1.10.2.js> | MIT | 1.9.1, 1.5.1, 1.10.2 | src | JavaScript helper |
| [JQuery Cookie](https://github.com/carhartl/jquery-cookie)  https://github.com/carhartl/jquery-cookie | MIT | 1.3.1 | src | Cookie helpers |
| [jQuery Metadata](https://github.com/jquery-orphans/jquery-metadata)  https://github.com/jquery-orphans/jquery-metadata | MIT | Not versioned | src | jQuery plugin for parsing metadata from elements; Copyright (c) 2006 John Resig, Yehuda Katz, Jörn Zaefferer, Paul McLanahan |
| [jQuery corner plugin](https://github.com/malsup/corner/blob/master/jquery.corner.js)  https://github.com/malsup/corner/blob/master/jquery.corner.js | MIT | 1.9.5 | src | Simple corner rounding |
| [jQuery UI](http://jqueryui.com)  http://jqueryui.com/ | MIT | 1.10.1 | src | Interactions and Widgets for the web. Copyright (c) 2013 jQuery Foundation and other contributors |
| [jQuery Validation](http://jqueryvalidation.org)  http://jqueryvalidation.org/ | MIT | 1.11.0pre | src | Makes simple clientside form validation easy; Copyright (c) 2012 Jörn Zaefferer |
| [mod\_wsgi](http://code.google.com/p/modwsgi/)  https://code.google.com/p/modwsgi/ | Apache 2.0 | 3.5 | bin | Apache module implementation of WSGI (web server gateway interface) |
| [MySQLdb1](https://github.com/farcepest/MySQLdb1)  https://github.com/farcepest/MySQLdb1 | GPL 2 | 1.2.4 | bin and src | Python adapter to connect to a mysql db. Used for enterprise reports. |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1 | bin | Support SSL/TLS end points on Apache server |
| [piston](https://github.com/django-piston/django-piston)  <https://github.com/django-piston/django-piston> | MIT | 0.2.3 | src | REST api framework |
| [Purl](https://github.com/allmarkedup/purl)  https://github.com/allmarkedup/purl | MIT | 2.2 | src | JavaScript utility to parse urls and provide easy access to their attributes |
| [Python](http://www.python.org/)  https://www.python.org/ | Python PSF | 2.7.5 | bin | high level scripting language |
| [south](http://south.aeracode.org/)  http://south.aeracode.org/ | Apache 2.0 | 0.8.1 | src | schema and data migrations for ​Django projects |
| [Yahoo UI Library (YUI)](http://developer.yahoo.com/yui/)  http://yuilibrary.com/ | Yahoo! UI (YUI) Library | 2.9.0 | bin | Styles for HTML (base-min.css, reset-fonts-grids.css) |

## Voltage Encryption Client

Version 7.2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [Boost C++ Libraries](http://www.boost.org/)  http://www.boost.org/ | Boost | 1.51.1 | src | boost smart pointer functionality - Directly included and linked |
| [Gecko SDK](http://developer.mozilla.org/en/docs/Gecko_SDK)  https://developer.mozilla.org/en/docs/Gecko\_SDK | Mozilla 1.0 | 1.7.12 | src | Firefox tokenhandler |
| HyperLink  (source not available) | HyperLink (.h, .cpp) | unknown | src | Using hyperlinks in the installer |
| [iconv](http://www.gnu.org/software/libiconv/)  http://www.gnu.org/software/libiconv/ | GPL 2 | 1.9.1 | src | Charset conversion, dynamically linked |
| LayoutManager  (source not available) | LayoutMgr (.h, .cpp) | unknown | src | Manage UI windows in SecureFile |
| [Libxml2 library](http://xmlsoft.org/)  http://xmlsoft.org/ | MIT | 2.6.15 | src | XML parser, for parsing client policy, dynamically linked |
| PathDialog  (source not available) | unknown | unknown | src | UI for file paths in the installer |
| [PictureExWnd](http://www.codeproject.com/Articles/1427/Add-GIF-animation-to-your-MFC-and-ATL-projects-wit)  http://www.codeproject.com/Articles/1427/Add-GIF-animation-to-your-MFC-and-ATL-projects-wit | PictureExWnd (.h, .cpp) | 1.3 | src | Use of graphics in MFC projects |
| [Sqlite](http://www.sqlite.org/)  http://www.sqlite.org/ | SQLite | 3.3.12 | src | Managing keys/certs on the local key storage, statically linked |
| Validating Email Addresses in C and C++  (source not available) | unknown |  | src | Email address validation - Directly included and linked |
| [Wix Toolset](http://wixtoolset.org/)  http://wixtoolset.org/ | MS-RL | 3.8 | bin | Use tools to create msm installer modules and msi installer |
| [WTL (Windows Template Library)](http://sourceforge.net/projects/wtl/)  http://sourceforge.net/projects/wtl/ | Common Public License 1.0 | 8.0 | src | Used in for application UI components - Directly included and linked |

## Voltage SecureMail Blackberry for Exchange

Version 4.6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [Boost C++ Libraries](http://www.boost.org/)  http://www.boost.org/ | Boost | 1.34.1 | src | boost smart pointer functionality - Directly included and linked |
| [iconv](http://www.gnu.org/software/libiconv/)  http://www.gnu.org/software/libiconv/ | GPL 2 | 1.9.1 | src | Charset conversion, dynamically linked |
| [Libxml2 library](http://xmlsoft.org/)  http://xmlsoft.org/ | MIT | 2.6.15 | src | XML parser, for parsing client policy, dynamically linked |
| [log4cxx](http://logging.apache.org/log4cxx/)  http://logging.apache.org/log4cxx/ | Apache 2.0 | 0.9.8 | src | Client logging, Statically linked to a Logging Framework module |
| [Nullsoft Scriptable Install System (NSIS)](http://nsis.sourceforge.net/)  http://nsis.sourceforge.net/Main\_Page | NSIS | 2.36 | bin | Tool used to create installer |
| Validating Email Addresses in C and C++  (source not available) | Unknown |  | src | Email address validation - Directly included and linked |

## Voltage SecureMail eDiscovery Accelerator

Version 3.1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [Ajax Control Toolkit](http://ajaxcontroltoolkit.codeplex.com/)  http://ajaxcontroltoolkit.codeplex.com/ | BSD-style | 7.1213 | bin | Rich Web UI controls using Ajax |
| Certificate.cs  <http://blogs.msdn.com/b/dcook/archive/2014/05/16/9143036.aspx> | Certificate.cs | unversioned | src | Creating a self-signed certificate in C# |
| [Internet Explorer Style Information Bar in JavaScript](http://www.codeproject.com/Articles/26812/Internet-Explorer-Style-Information-Bar-in-JavaScr)  <http://www.codeproject.com/Articles/26812/Internet-Explorer-Style-Information-Bar-in-JavaScr> | BSD 2-Clause | unversioned | src | Dynamic display of informational messages in a bar/panel |
| [Silk Icons](http://www.famfamfam.com/lab/icons/silk/)  <http://www.famfamfam.com/lab/icons/silk/> | Creative Commons Attribution 2.5 | 1.3 | bin | Icons for information panel |
| [jQuery](http://jquery.com/)  http://jquery.com/ | MIT-style | 1.4.1 | src | Dynamic display of log data in table format |
| [Sizzle](http://sizzlejs.com/)  http://sizzlejs.com/ | MIT-style | 1.4.1 | src | JavaScript CSS selector engine.  Bundled with JQuery. |
| [ZipArchive.cs](http://www.codeproject.com/Articles/209731/Csharp-use-Zip-archives-without-external-libraries)  <http://www.codeproject.com/Articles/209731/Csharp-use-Zip-archives-without-external-libraries> | CPOL 1.0 | June 2011 | src | Enable Zip compression |

## Voltage SecureMail Archive Connector

Version 2.0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [Boost C++ Libraries](http://www.boost.org/)  http://www.boost.org/ | Boost | 1.34.1 | src | boost smart pointer functionality - Directly included and linked |
| [iconv](http://www.gnu.org/software/libiconv/)  http://www.gnu.org/software/libiconv/ | GPL 2 | 1.9.1 | src | Charset conversion, dynamically linked |
| [Libxml2 library](http://xmlsoft.org/)  http://xmlsoft.org/ | MIT-style | 2.6.15 | src | XML parser, for parsing client policy, dynamically linked |
| [log4cxx](http://logging.apache.org/log4cxx/)  http://logging.apache.org/log4cxx/ | Apache 2.0 | 0.9.8 | src | Client logging, Statically linked to a Logging Framework module |
| Validating Email Addresses in C and C++  (source not available) | Unknown |  | src | Email address validation - Directly included and linked |
| [Wix Toolset](http://wixtoolset.org/)  http://wixtoolset.org/ | MS-RL  <http://wixtoolset.org/documentation/manual/v3/main/license.html> | 2.0 | bin | Use tools to create msm installer modules and msi installer |
| [WTL (Windows Template Library)](http://sourceforge.net/projects/wtl/)  http://sourceforge.net/projects/wtl/ | Common Public License 1.0 | 8.0 | src | Used in for application UI components - Directly included and linked |

## Voltage SecureMail Mobile Edition: iOS

Version 2.1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1e | src | SSL/TLS and crypto APIs |
| [curl](http://curl.haxx.se/)  http://curl.haxx.se/ | MIT-style | 7.29.0 | src | Client-side URL transfer library |
| [MBProgressHUD](https://github.com/jdg/MBProgressHUD)  https://github.com/jdg/MBProgressHUD | MIT | 0.9 | src | iOS drop-in UI class that displays progress dialogs. |

## Voltage SecureMail Mobile Edition: iOS for Good

Version 2.3.2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1e | src | SSL/TLS and crypto APIs |
| [curl](http://curl.haxx.se/)  http://curl.haxx.se/ | MIT-style | 7.29.0 | src | Client-side URL transfer library |
| [MBProgressHUD](https://github.com/jdg/MBProgressHUD)  https://github.com/jdg/MBProgressHUD | MIT | 0.9 | src | iOS drop-in UI class that displays progress dialogs. |

## Voltage SecureMail Mobile Edition: Android

Version 2.1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [ActionBarSherlock](http://actionbarsherlock.com/)  http://actionbarsherlock.com/ | Apache 2.0 | 4.4.0 | src | Extension of the support library designed to facilitate the use of the action bar design pattern across all versions of Android with a single API |
| [Apache Mime4j](http://james.apache.org/mime4j/)  http://james.apache.org/mime4j/ | Apache 2.0 | 0.7 | bin | MIME mail handling |
| [Bouncy Castle](http://www.bouncycastle.org)  http://www.bouncycastle.org/ | MITX | 1.46 | bin | ASN1 parsing |
| [K9Mail](https://code.google.com/p/k9mail/)  https://code.google.com/p/k9mail/ | Apache 2.0 | 4.118 | src | Mail handling |
| [NavigationDrawer](http://developer.android.com/training/implementing-navigation/nav-drawer.html)  <http://developer.android.com/training/implementing-navigation/nav-drawer.html> | Apache 2.0 |  | src | Sliding menu |
| [Google Roboto Condensed Font](http://www.google.com/fonts/specimen/Roboto+Condensed)  <http://www.google.com/fonts/specimen/Roboto+Condensed> | Apache 2.0 |  | N/A | Android font |
| [button\_indicator\_next.png](http://developer.android.com/design/style/iconography.html)  <http://developer.android.com/design/style/iconography.html> | Apache 2.0 | 4.4.0 | src |  |

## Voltage SecureMail Mobile Edition: Android for Good

Version 2.3.1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [ActionBarSherlock](http://actionbarsherlock.com/)  http://actionbarsherlock.com/ | Apache 2.0 | 4.4.0 | src | Extension of the support library designed to facilitate the use of the action bar design pattern across all versions of Android with a single API |
| [Apache Mime4j](http://james.apache.org/mime4j/)  http://james.apache.org/mime4j/ | Apache 2.0 | 0.7 | bin | MIME mail handling |
| [Bouncy Castle](http://www.bouncycastle.org)  http://www.bouncycastle.org/ | MITX | 1.46 | bin | ASN1 parsing |
| [K9Mail](https://code.google.com/p/k9mail/)  https://code.google.com/p/k9mail/ | Apache 2.0 | 4.118 | src | Mail handling |
| [NavigationDrawer](http://developer.android.com/training/implementing-navigation/nav-drawer.html)  <http://developer.android.com/training/implementing-navigation/nav-drawer.html> | Apache 2.0 |  | src | Sliding menu |
| [Google Roboto Condensed Font](http://www.google.com/fonts/specimen/Roboto+Condensed)  <http://www.google.com/fonts/specimen/Roboto+Condensed> | Apache 2.0 |  | N/A | Android font |
| [button\_indicator\_next.png](http://developer.android.com/design/style/iconography.html)  <http://developer.android.com/design/style/iconography.html> | Apache 2.0 | 4.4.0 | src | Creating RFC-compliant, form-encoded HTTP request bodies |
| Mimecraft  <https://github.com/square/mimecraft> | Apache 2.0 | 4.4.0 | src |  |
| Dagger 2  <https://github.com/google/dagger> | Apache 2.0 | 4.4.0 | src | Dependency Injector for Android and Java |
| Jsoup  <https://github.com/jhy/jsoup/> | MIT | 4.4.0 | src | Java HTML parser |

## Voltage SecureMail Mobile Edition: BlackBerry

Version 1.2.1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [Base64.java](http://commons.apache.org/proper/commons-codec/apidocs/src-html/org/apache/commons/codec/binary/Base64.html)  http://commons.apache.org/proper/commons-codec/apidocs/src-html/org/apache/commons/codec/binary/Base64.html | Apache 2.0 | 2.0 | src |  |
| [Regexp](https://code.google.com/p/regexp-me/)  https://code.google.com/p/regexp-me/ | Apache 2.0 | 2.0 | src |  |
| [URLUTF8Encoder.java](http://www.w3.org/International/URLUTF8Encoder.java)  http://www.w3.org/International/URLUTF8Encoder.java | W3C | 20021231 | src |  |
| [URLDecoder.java](http://download.java.net/openjdk/jdk7/)  http://download.java.net/openjdk/jdk7/ | GPL 2 | 2.0 | src | See file jdk/src/share/classes/java/net/URLDecoder.java in the JDK. |

## MySQL

Version 5.1

The following Open Source Components are used by MySQL, which is used for Voltage SecureMail Cloud, under a commercial license:

|  | **License** | **Version** | **Binary or Source?** |
| --- | --- | --- | --- |
| dtoa.c  http://dev.mysql.com/doc/refman/5.1/en/license-dtoa.html | dtoa.c | unknown | Unknown |
| Editline Library (libedit)  http://dev.mysql.com/doc/refman/5.1/en/license-libedit.html | Editline Library (libedit) | unknown | Unknown |
| FindGTest.cmake  <http://dev.mysql.com/doc/refman/5.1/en/license-findgtest-cmake.html> | FindGTest.cmake | unknown | Unknown |
| Fred Fish's Dbug Library  http://dev.mysql.com/doc/refman/5.1/en/license-dbug.html | Fred Fish’s Dbug Library | unknown | Unknown |
| getarg  http://dev.mysql.com/doc/refman/5.1/en/license-getarg.html | getarg | unknown | Unknown |
| GNU Libtool  http://dev.mysql.com/doc/refman/5.1/en/license-gnu-libtool.html | GPL 2 | unknown | Unknown |
| GNU Readline  <http://dev.mysql.com/doc/refman/5.1/en/license-gnu-readline.html> | GPL 2 | unknown | Unknown |
| Google Controlling Master Thread I/O Rate Patch  <http://dev.mysql.com/doc/refman/5.1/en/license-google-io-rate-patch.html> | Google Controlling Master Thread I/O Rate Patch | unknown | Unknown |
| Google SMP Patch License  <http://dev.mysql.com/doc/refman/5.1/en/license-google-smp-patch.html> | Google SMP Patch | unknown | Unknown |
| lib\_sql.cc  http://dev.mysql.com/doc/refman/5.1/en/license-lib-sql.html | lib\_sql.cc | unknown | Unknown |
| md5 (Message-Digest Algorithm 5)  http://dev.mysql.com/doc/refman/5.1/en/license-md5.html | MD5 | unknown | Unknown |
| nt\_servc (Windows NT Service class library)  http://dev.mysql.com/doc/refman/5.1/en/license-nt-servc.html | nt\_servc (Windows NT Service class library) | unknown | Unknown |
| Percona Multiple I/O Threads Patch  <http://dev.mysql.com/doc/refman/5.1/en/license-percona-io-threads-patch.html> | Percona Multiple I/O Threads Patch | unknown | Unknown |
| RegEx-Spencer Library  http://dev.mysql.com/doc/refman/5.1/en/license-regex.html | RegEx-Spencer Library | unknown | Unknown |
| RFC 3174 - US Secure Hash Algorithm 1 (SHA1)  <http://dev.mysql.com/doc/refman/5.1/en/license-us-secure-hash.html> | RFC 3174 - US Secure Hash Algorithm 1 (SHA1) | unknown | Unknown |
| Richard A. O'Keefe String Library  http://dev.mysql.com/doc/refman/5.1/en/license-libstring.html | Richard A. O'Keefe String Library | unknown | Unknown |
| zlib  http://dev.mysql.com/doc/refman/5.1/en/license-zlib.html | Zlib | unknown | Unknown |

# Voltage SecureData

The following Open Source Components are used by the Voltage SecureData product line:

## Voltage SecureData Appliance

Version 6.3

|  | **License** | **Version** | **Binary or Source?** | **Description** |
| --- | --- | --- | --- | --- |
| **General/Common** |  |  |  |  |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1e-60.el7\_3.1 | src | SSL/TLS and crypto APIs |
|  |  |  |  |  |
| **Console (UI)** |  |  |  |  |
| [Django Web Application Framework](http://www.djangoproject.com/)  https://www.djangoproject.com/ | BSD | 1.8.5.1 | src | Web framework |
| [Python](http://www.python.org/)  https://www.python.org/ | Python PSF | 2.7.5-48 | src | Development language for console |
| [sqlite](http://www.sqlite.org/)  http://www.sqlite.org/ | SQLite | 3.7.17-8 | bin | Database for console |
| [lighttpd](http://www.lighttpd.net/)  http://www.lighttpd.net/ | New BSD | 1.4.45-1 | bin | Web server for console |
| [FastCGI](http://www.fastcgi.com/drupal/)  http://www.fastcgi.com/drupal/ | FastCGI | 1.4.45-1 | src | lighttpd-to-django connector (web server delegation) |
| [Prototype JavaScript Framework](http://www.prototypejs.org/)  http://prototypejs.org/ | MIT-style | 1.6.0\_rc1 | src | Javascript utilities for UI |
| [OpenSSL](hhttps://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 0.9.8e-fips-rhel5 | src | SSL/TLS and crypto APIs |
| [Unescape HTML Entities (in Views.py)](http://effbot.org/zone/re-sub.htm#unescape-html)  <http://effbot.org/zone/re-sub.htm#unescape-html> | Effbot.org | Unversioned | Src | Unescape HTML Entities |
|  |  |  |  |  |
| **Server** |  |  |  |  |
| [Tomcat](http://tomcat.apache.org/)  http://tomcat.apache.org/ | Apache 2.0 | 7.0.69-11 | src | Java servlet-container for Key Server, SOA server, and PIE |
| [Apache log4j](http://logging.apache.org/log4j/1.2/index.html)  logging.apache.org/log4j/1.2/index.html | Apache 2.0 | 1.2.17-15 | bin | Logging framework for Key Server, SOA server, and PIE |
| [Apache Jakarta Commons](http://commons.apache.org/)  commons.apache.org | Apache 2.0 | (various versions) | bin | Various utilities (Base64, HTTP client, etc.) |
| Java Runtime Environment  <http://www.oracle.com/technetwork/java/javase/overview/index.html> | Oracle BCL | 1.8.0\_131 | bin | Java VM for running the server components |
| [FreeMarker](http://freemarker.sourceforge.net/index.html)  <http://freemarker.org/index.html> | Visigoth | 2.3 | bin | Template engine (policy server, PIE) |
| [xalan](http://xml.apache.org/xalan-j/)  http://xml.apache.org/xalan-j/ | Apache 2.0 | 2.7.1-23 | bin | XSLT processor, used by FreeMarker library |
| [Stanford Javascript Crypto Library (SJCL)](http://bitwiseshiftleft.github.io/sjcl/)  http://bitwiseshiftleft.github.io/sjcl/ | BSD or GPL (2 or greater) |  | src | Javascript crypto library used in PIE encryption functions |
| Fastcgi  http://www.nongnu.org/fastcgi/ | FastCGI | 2.4.6 | bin | The FastCGI Protocol Driver is a C++ class library that manages all communication between a web server and a FastCGI user application. The code is highly portable and should compile fine with any moderately modern ISO C++ compiler. |
| Fastinfoset  http://fi.java.net/ | Apache 2.0 | 1.2.11 | bin | The XML FastInfoset |
| Freemarker  http://freemarker.org/ | Apache 2.0 | 2.3.0 | bin | FreeMarker is a template engine. That is, it provides an easy way to generate text |
| Gmbal-api-only  http://kenai.com/hg/gmbal~master | CDDL 1.0 | 3.2.1-b31 | bin |  |
| Ha-api  http://mirrors.ibiblio.org/maven2/org/glassfish/ha/ha-api | CDDL 1.0 | 3.1.9 | bin |  |
| Apache Hadoop Auth  <http://hadoop.apache.org/docs/stable/hadoop-auth/index.html> | Apache 2.0 | 2.6.0 | bin | Kerberos authentication filter, for TDE KMS REST API in Key Server |
| Apache Hadoop Common  <http://hadoop.apache.org/> | Apache 2.0 | 2.4.0 | bin | Hadoop common utilities, for delegation token support in TDE KMS REST API in Key Server |
| Simple Logging Facade for Java (SLF4J)  <http://www.slf4j.org> | [MIT](http://www.slf4j.org/license.html) | 1.7.5 | bin | Logging dependency used by Apache Hadoop Auth, for TDE KMS REST API in Key Server |
| JSR 353: Java API for JSON Processing - Reference Implementation  <https://jsonp.java.net/index.html> | Dual licensed:   * COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL - Version 1.1) * GNU General Public License (GPL - Version 2, June 1991) with the Classpath Exception   <https://jsonp.java.net/license.html> | 1.0.2 | bin | JSON parsing and formatting, for TDE KMS REST API in Key Server |
| Hk2-utils  http://mirrors.ibiblio.org/maven2/org/glassfish/hk2/hk2-utils | CDDL 1.0 | 2.4.0 | bin |  |
| Hk2-locator  http://mirrors.ibiblio.org/maven2/org/glassfish/hk2/hk2-locator | CDDL 1.0 | 2.4.0 | bin |  |
| Hk2-api  http://mirrors.ibiblio.org/maven2/org/glassfish/hk2/hk2-api | CDDL 1.0 | 2.4.0 | bin |  |
| Apache HttpClient  <https://hc.apache.org/httpcomponents-client-4.5.x/index.html> | Apache 2.0 | 4.5 | bin | Client side HTTP processing, used in LDAPS checking in Key Server, SOA server, MC |
| Jackson  http://jackson.codehaus.org/ | Apache 2.0 | 2.5.4 | bin | High-performance JSON processor. 2.0 and later at https://github.com/FasterXML/jackson-core |
| Javax.json  http://jsonp.java.net/ | CDDL | 1.0.2 | bin | Java API for Processing JSON |
| Javax.xml.soap-api  http://saaj.java.net/ | CDDL v1.1 and GPL v2 | 1.3.7 | bin |  |
| Javax.ws.rs-api  http://jax-rs-spec.java.net/ | CDDL v1.0 | 2.0.1 | bin |  |
| Javax-annotation  http://jcp.org/en/jsr/detail?id=250 | CDDL 1.1 | 1.2 | bin | Common Annotations for the JavaTM Platform API |
| Jaxb  https://jaxb.java.net/ | CDDL1.1 + GPLv2 with classpath exception | 2.2.10 | bin | The Standard Implementation for JAXB |
| Jaxws-api  https://jax-ws.dev.java.net/ | CDDL v1.1 and GPL v2 | 2.2.10 | bin |  |
| Jaxws-rt  http://mirrors.ibiblio.org/maven2/com/sun/xml/ws/jaxws-rt | CDDL-1.1 or GPL-2.0. BSD-3-Clause, CDDL1.1 or GPL-2.0-CPE | 2.2.10 | bin |  |
| Javax-inject  https://repository.mulesoft.org/nexus/content/groups/public/org/glassfish/hk2/external/javax.inject/2.4.0-b31/javax.inject-2.4.0-b31-sources.jar | Apache 2.0 | 2.4.0-b31 | bin |  |
| Jersey  https://jersey.dev.java.net/ | CDDL 1.0 | 2.22.1 | bin | Reference implementation of JSR 311 |
| Jersey-server  http://mirrors.ibiblio.org/maven2/com/sun/jersey/jersey-server | CDDL 1.0 | 2.22.1 | bin |  |
| Jersey-jersey  http://github.com/jersey/jersey | CDDL 1.0 | 2.22.1 | bin |  |
| Jersey-client  http://mirrors.ibiblio.org/maven2/com/sun/jersey/jersey-client | CDDL 1.0 | 2.22.1 | bin |  |
| Jsr181-api  http://jcp.org/en/jsr/summary?id=181 | CDDL 1.0 | 1.0-MR1 | bin | Web Services Metadata for Java |
| libcurl | MIT | 7.42.1 | Bin |  |
| Nestedvm  http://mirrors.ibiblio.org/maven2/org/xerial/thirdparty/nestedvm | Apache 2.0 | 1.0 | bin |  |
| Management-api  http://kenai.com/hg/gmbal~gf\_common,%20http://java.net/projects/gmbal | CDDL 1.0 | 3.2.1-b001 | bin |  |
| [get the IP address associated with a network interface (linux only) (Python recipe)](http://code.activestate.com/recipes/439094/)  http://code.activestate.com/recipes/439094/ | Function in a website posting for get\_ip\_address function. Sidebar specifies PSF license. Note that code in the comments is not covered by this license! | Thu, 11 Aug 2005 | src | Uses the Linux SIOCGIFADDR ioctl to find the IP address associated with a network interface, given the name of that interface, e.g. "eth0". The address is returned as a string containing a dotted quad. |
| Joda-time  http://www.joda.org/joda-time | Apache 2.0 | 2.2 | bin | Joda-Time provides a library of classes to replace the Java JDK Date and Time classes including formatting. It is based around the ISO8601 datetime standard |
| Mimepull  https://mimepull.dev.java.net/ | CDDL 1.0 | 1.9.4 | bin | Pull API for parsing MIME messages |
| Policy  https://policy.dev.java.net/ | CDDL 1.0  Glassfish license https://java.net/projects/policy/sources/policy/content/tags/policy-2.4/LICENSE.txt?rev=246 | 2.4 | bin | The WS-Policy implementation for the Metro Web Services stack |
| [**Progress Bar**](http://www.webappers.com/progressBar/)  http://www.webappers.com/progressBar/ | Creative Commons  Attribution 2.5 Generic | 20070731 | src | Attribution: “jsProgressBarHandler 0.3.3 - by Bramus! - <http://www.bram.us/>” |
| Prototype  http://www.prototypejs.org/ | MIT | 1.6.1 | src |  |
| Re.sub  http://effbot.org/zone/re-sub.htm | Historic Permission Notice and Disclaimer   |  | | --- | |  | | Jan 15, 2003 | src | Converting HTML to Plain Text # January 15, 2003 | Fredrik Lundh This function removes HTML tags, and also converts character entities and character references. If you only want to convert entities, see the next example. License text found at http://effbot.org/zone/copyright.htm |
| Streambuffer  http://mirrors.ibiblio.org/maven2/com/sun/xml/stream/buffer/streambuffer | CDDL 1.0 | 1.5.3 | bin |  |
| [saaj.jar](http://www.java2s.com/Code/Jar/s/Downloadsaajjar.htm)  http://www.java2s.com/Code/Jar/s/Downloadsaajjar.htm | CDDL 1.1 and GPL 2 | 1.3.8 | binary | SAAJ is the SOAP with Attachments API for Java. |
| [sjsxp.jar](https://sjsxp.java.net/)  <https://sjsxp.java.net> | CDDL 1.1 and GPL 2 | 1.0.2 | binary | Sun Java Streaming XML Parser |
| Slf4j-log4j12  http://www.slf4j.org/ | MIT | 1.7.5 | bin |  |
| Slf4j-api  http://www.slf4j.org/ | MIT | 2.6.0 | bin |  |
| Stax-api  http://mirrors.ibiblio.org/maven2/javax/xml/stream/stax-api | CDDL 1.0 | 1.0 | binary | StAX is a standard XML processing API that allows you to stream XML data from and to your application |
| Xalan  http://mirrors.ibiblio.org/maven2/xalan/xalan | Apache 2.0 | 2.7.1-23 | bin |  |
| Xmsresolver  https://xmlresolver.dev.java.net/ | Apache 2.0 | 2005020050927 | binary | An enhanced XML resolver with XML Catalog support |
| Woodstox-core-asl  http://woodstox.codehaus.org/ | Apache 2.0 | 4.2.0 | bin | Woodstox is a high-performance XML processor that implements Stax (JSR-173) and SAX2 APIs |
| Zlib  http://www.gzip.org/zlib/ | zlib/libpng License   |  | | --- | |  | | 1.2.7-17 | binary | A free, lossless data compression. |
| **Appliance** |  |  |  |  |
| [CentOS](http://www.centos.org/)  http://www.centos.org/ | GPL 2 | 7.2 | bin | Appliance OS |
| **Splunk** |  | 5.0.18 |  |  |
| Babel  http://babel.edgewall.org/ | BSD | 0.9.4 |  | Python internationalization libraries |
| Beaker  http://beaker.groovie.org/ | BSD | 1.4.1 |  | Web session/caching/WSGI middleware |
| bzip2  <http://www.bzip.org> | BZIP2 | 1.0.6 |  | data compressor |
| CherryPy  <http://cherrypy.org> | BSD | 3.1.2 |  | python HTTP framework |
| CoffeeScript  <http://coffeescript.org> | CoffeeScript | 1.1.2 |  | JavaScript syntatic sugar |
| Contextify  <https://github.com/brianmcd/contextify> | Contextify | 0.0.6 |  | turns an object into a V8 execution context |
| cssmin  <http://github.com/zacharyvoase/cssmin> | cssmin | 0.2 |  | A Python port of the YUI CSS compressor |
| YUI CSS compressor  <http://github.com/yui/yuicompressor> | BSD | -- | src | Cascading Style Sheet processing (some source used in cssmin) |
| CSSOM  https://www.versioneye.com/nodejs/cssom/0.2.1 | MIT | 0.2.1 |  | CSS Object Model and parsing |
| decorator  <http://www.phyast.pitt.edu/~micheles/python/documentation.html> | BSD | 2.2.0 |  | Python module decorator object support |
| FormEncode  <http://www.formencode.org> | Python PSF | 0.4 |  | Python module: HTML form validation, generation, conversion |
| google-perftools  https://code.google.com/p/gperftools/ | New BSD | 1.8.3 |  | Fast, multi-threaded malloc() and nifty performance analysis tools |
| htmlparser  https://www.versioneye.com/nodejs/htmlparser/1.7.3 | MIT | 1.7.3 |  | Forgiving HTML/XML/RSS Parser in JS for \*both\* Node and Browsers |
| httplib2  hyyp://bitworking.org/projects/httplib2 | MIT | 0.7.0 |  | A comprehensive HTTP client library. |
| ICU  http://site.icu-project.org/ | ICU | 4.2 |  | International Components for Unicode |
| Ipy  https://github.com/haypo/python-ipy/ | IPY | 0.7 |  | IPv4 and IPV6 address support |
| jemalloc  http://www.canonware.com/jemalloc/ | BSD | 3.3.1 |  | jemalloc is a general purpose malloc(3) implementation that emphasizes fragmentation avoidance and scalable concurrency support. |
| Jquery  http://jquery.com | MIT | 1.9.2 |  | jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. |
| jsdom  https://www.versioneye.com/nodejs/jsdom/0.2.10 | MIT | 0.2.10 |  | A JavaScript implementation of the DOM and HTML standards |
| jsmin  https://bitbucket.org/dcs/jsmin/ | MIT | 1.0 |  | Python Javascript minifier |
| Libarchive  <https://github.com/libarchive/libarchive> | libarchive | 2.7.0 |  | archiving library with replacements for tar, cpio, and zcat/xcat |
| Libxslt  <http://xmlsoft.org> | MIT | 1.1.26 |  | XSLT parser in C |
| Libxmlt2  <http://xmlsoft.org/> | MIT | 2.7.6 |  | XML parsing/tree management |
| lxml  http://lxml.de/ | BSD | 2.3.2 |  | Powerful and Pythonic XML processing library combining libxml2/libxslt with the ElementTree API. |
| ElementTree/XML Toys Library  <http://effbot.org/zone/element-index.htm> | Python PSF | -- |  | The ElementTree wrapper type adds code to load XML files as trees of Element objects, and save them back again. |
| M2Crypto  <https://github.com/M2Crypto/M2Crypto> | MIT | 0.21.1 |  | M2Crypto: A Python crypto and SSL toolkit |
| Mako  http://www.makotemplates.org/ | MIT | 0.3.6 |  | A super-fast templating language that borrows the best ideas from the existing templating languages. |
| node (numerous sub-items, see license)  <http://nodejs.org> | Node | 0.8.14 |  | Node.js -- Javascript runtime platform |
| OpenLDAP  <http://openldap.org> | OpenLDAP | 2.4.26 |  | Open Source LDAP implementation |
| OpenSSL  <http://openssl.org> | OpenSSL | 0.9.8gz |  | robust, commercial-grade encryption library |
| Pcre  http://sourceforge.net/projects/pcre/files/pcre/8.13/ | BSD | 8.13 |  | Perl 5 style regular expression parsing |
| pdfkit  <https://github.com/pdfkit/pdfkit> | pdfkit | 0.1.5 |  | Create PDF's from HTML/CSS |
| pyOpenSSL  <https://github.com/pyca/pyopenssl> | APL2 | 0.8 |  | Python wrapper around OpenSSL |
| Python  <http://python.org> | PSF | 2.7.3 |  | Python Programming Language |
| pywin32  http://sourceforge.net/projects/pywin32/ | PSF | -- |  | Python extensions for Win32 |
| reportlab  <http://www.reportlab.com> | BSD | 2.6 |  | Open Source Python Library for generating PDF's and graphics |
| SQLite  <http://sqlite.org> | SQLite | 3.6.13 |  | In-process library for embedded SQL database |
| SWFObject  https://code.google.com/p/swfobject/ | MIT | 2.2 |  | JavaScript code to embed Flash content |
| Unicode character database  <http://unicode.org> | Unicode character database | 5.1.0 |  | Unicode Code Page and Character descriptions |
| wmi  http://timgolden.me.uk/python/wmi/ | MIT | 5th June 2003 |  | Perl wrapper for Windows Management Instrumentation |
| zlib  http://www.zlib.net | Zlib | 1.2.3 |  | A massively spifffy yet delicately unobtrusive compression library |
|  |  |  |  |  |
|  |  |  |  |  |

## Voltage SecureData CL

Version 2.13.0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| [Python](http://www.python.org/download/releases/2.5.2/)  http://www.python.org/download/releases/2.5.2/ | Python PSF | 2.7.3 | src | interpreter |
| [cx\_Oracle](http://cx-oracle.sourceforge.net/)  http://cx-oracle.sourceforge.net/ | cx Oracle | 5.1.1 for unix  5.1.2 for win | src | connection to Oracle database |
| [OpenSSL](http://www.openssl.org/)  https://www.openssl.org/ | OpenSSL | 0.9.8y | src | SSL/TLS and crypto APIs |
| [File \_hasopenssl.c](http://fossies.org/linux/Python/Modules/_hashopenssl.c)  <http://fossies.org/linux/Python/Modules/_hashopenssl.c> | Python PSF | none | src | used to build a python module |

## Voltage SecureData Tokenization CL

Version 3.1.1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
|  |  |  |  |  |
| [Python](http://www.python.org/download/releases/2.5.2/)  http//www.python.org/download/releases/2.5.2/ | Python PSF | 2.7.3 | src | interpreter |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 0.9.8x | src | SSL/TLS and crypto APIs |
| [GSOAP WINHTTP Plugin](https://code.google.com/p/gsoapwinhttp/)  https://code.google.com/p/gsoapwinhttp/ | MIT | 1.0 | Src | Allow gsoap clients and servers to direct all communications through the WinHttp API. |

## Voltage SecureData File Processor

Version 2.1.0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
|  |  |  |  |  |
| Log4j  <https://logging.apache.org/log4j/1.2/> | Apache License, Version 2.0 | 1.2.15 | bin | Logging |
| Json simple  <https://code.google.com/p/json-simple/> | Apache License, Version 2.0 | 1.1.1 | bin | JSON file processing |
| Commons codes  <https://commons.apache.org/proper/commons-codec/> | Apache License, Version 2.0 | 1.10 | bin | Base64 Encode/Decode |
| Commons CLI  <https://commons.apache.org/proper/commons-cli/> | Apache License, Version 2.0 | 1.2 | bin | Command line processing |
| Commons CSV  https://commons.apache.org/proper/commons-csv/ | Apache License, Version 2.0 | 1.2 | Bin/src | CSV file processing |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1m | src | SSL/TLS and crypto APIs |
| [libcurl](http://curl.haxx.se/libcurl/)  http://curl.haxx.se/libcurl/ | MIT-style | 7.42.1 | src | Client-side URL transfer library (used in Voltage toolkit). Not used for HPUX IA64  Not used on Windows. |
| [libcurl](http://curl.haxx.se/libcurl/)  http://curl.haxx.se/libcurl/ | MIT-style | 7.29.0 | src | Specific to HPUX IA64 and HPUX PA-RISC 64-bit |
| [Crypt::X509](http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm)  http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm | Artistic License | 0.51 | src | Used for c\_rehash script in trustStore |
| [Convert::ASN1](http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod)  http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod | Artistic License | 0.26 | src | Used for c\_rehash script in trustStore |
| [Digest::SHA::PurePerl](http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm)  http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm | Artistic License | 5.84 | src | Used for c\_rehash script in trustStore |
| [VOMS::Lite::PEMHelper](http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm)  http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm | Artistic License | 0.1 | src | Used for c\_rehash script in trustStore |

## Voltage SecureData Teradata UDF

Version 2.1.0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
|  |  |  |  |  |
| [benhoyt-inih](https://github.com/benhoyt/inih) | BSD 3-clause "New" or "Revised" License | R35 | Source | Simple INI C parser |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1m | src | SSL/TLS and crypto APIs |
| [libcurl](http://curl.haxx.se/libcurl/)  http://curl.haxx.se/libcurl/ | MIT-style | 7.42.1 | src | Client-side URL transfer library (used in Voltage toolkit). |
| [Crypt::X509](http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm)  http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm | Artistic License | 0.51 | src | Used for c\_rehash script in trustStore |
| [Convert::ASN1](http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod)  http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod | Artistic License | 0.26 | src | Used for c\_rehash script in trustStore |
| [Digest::SHA::PurePerl](http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm)  http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm | Artistic License | 5.84 | src | Used for c\_rehash script in trustStore |
| [VOMS::Lite::PEMHelper](http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm)  http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm | Artistic License | 0.1 | src | Used for c\_rehash script in trustStore |
| [uthash](https://github.com/troydhanson/uthash) | The BSD 2-Clause License | 1.9.9 | Src | C macros for hash tables and more |

## Voltage SecureFile CL

Version 2.5.4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
|  |  |  |  |  |
| [Python](http://www.python.org/download/releases/2.5.2/)  https://www.python.org/download/releases/2.5.2/ | Python PSF | 2.5.2 | src | interpreter |
| [libcurl](http://curl.haxx.se/libcurl/)  http://curl.haxx.se/libcurl/ | MIT-style | 7.19.6 | src | Client-side URL transfer library (used in Voltage toolkit) |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 0.9.8 | src | SSL/TLS and crypto APIs |

## Voltage SecureData Simple API

Version 5.10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| **SecureData Simple API** |  |  |  |  |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1m | src | SSL/TLS and crypto APIs |
| [libcurl](http://curl.haxx.se/libcurl/)  http://curl.haxx.se/libcurl/ | MIT-style | 7.42.1 | src | Client-side URL transfer library (used in Voltage toolkit). Not used for HPUX IA64  Not used on Windows. |
| [libcurl](http://curl.haxx.se/libcurl/)  http://curl.haxx.se/libcurl/ | MIT-style | 7.29.0 | src | Specific to HPUX IA64 and HPUX PA-RISC 64-bit |
| [Crypt::X509](http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm)  http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm | Artistic License | 0.51 | src | Used for c\_rehash script in trustStore |
| [Convert::ASN1](http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod)  http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod | Artistic License | 0.26 | src | Used for c\_rehash script in trustStore |
| [Digest::SHA::PurePerl](http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm)  http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm | Artistic License | 5.84 | src | Used for c\_rehash script in trustStore |
| [VOMS::Lite::PEMHelper](http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm)  http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm | Artistic License | 0.1 | src | Used for c\_rehash script in trustStore |

## Voltage SecureData Enterprise for z/OS

Version 7.1.0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| **z/FPE and z/Protect** |  |  |  |  |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1.e | src | Crypto APIs (in Toolkit) |

## HPE SecureData for Hadoop

Version 3.10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| Gson  <https://github.com/google/gson> | [Apache 2.0](https://github.com/google/gson/blob/master/LICENSE) | 2.6.2 | bin | JSON library for building/parsing JSON in REST API input/output |
| Commons HttpClient  http://hc.apache.org/httpclient-3.x/ | [Apache 2.0](http://hc.apache.org/httpclient-3.x/license.html) | 3.1 | bin | HTTP library for making requests to REST API |
| Apache Commons Codec  <http://commons.apache.org/proper/commons-codec/> | [Apache 2.0](http://www.apache.org/licenses/) | 1.10 | bin | Codec library for Base64 encoding/decoding, specifically for encoding fields in REST API request header |
| Apache Commons Logging  <http://commons.apache.org/proper/commons-logging/> | [Apache 2.0](http://www.apache.org/licenses/) | 1.2 | bin | Logging abstraction library for logging info/error messages from common crypto factory layer |

## Voltage SecureStorage

Version 2.0.1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| **SecureStorage** |  |  |  |  |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1h | src | SSL/TLS and crypto APIs |
| [libcurl](http://curl.haxx.se/libcurl/)  http://curl.haxx.se/libcurl/ | MIT-style | 7.35.0 | src | Client-side URL transfer library |
| [APR Utility Functions](https://apr.apache.org/docs/apr-util/0.9/group__APR__Util.html)  <https://apr.apache.org/docs/apr-util/0.9/group__APR__Util.html> | Apache 2.0 | 0.9 | src | Base 64 encoding functions |
| [Crypt::X509](http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm)  http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm | Artistic License | 0.51 | src | Used for c\_rehash script in trustStore |
| [Convert::ASN1](http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod)  http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod | Artistic License | 0.26 | src | Used for c\_rehash script in trustStore |
| [Digest::SHA::PurePerl](http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm)  http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm | Artistic License | 5.84 | src | Used for c\_rehash script in trustStore |
| [VOMS::Lite::PEMHelper](http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm)  http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm | Artistic License | 0.1 | src | Used for c\_rehash script in trustStore |
| [inih](https://code.google.com/p/inih/)  https://code.google.com/p/inih/ | New BSD | 1.0 | src | Used in vssgetkey to parse config file. |

## Voltage SecureData Payments Host SDK

Version 4.2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| **SecureData Host SDK** |  |  |  |  |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1m  (1.0.1e on z/OS, but used only for bignum) | src | SSL/TLS and crypto APIs |
| [libcurl](http://curl.haxx.se/libcurl/)  http://curl.haxx.se/libcurl/ | MIT-style | 7.42.1 | src | Client-side URL transfer library (used in Voltage toolkit) |
| [lookup](http://burtleburtle.net/bob/c/lookup3.c)  http://burtleburtle.net/bob/c/lookup3.c | Lookup | -- | src | functions for producing 32-bit hashes for hash table lookup |
| [Crypt::X509](http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm)  http://search.cpan.org/~ajung/Crypt-X509-0.51/lib/Crypt/X509.pm | Artistic License | 0.51 | src | Used for c\_rehash script in trustStore |
| [Convert::ASN1](http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod)  http://search.cpan.org/~gbarr/Convert-ASN1-0.26/lib/Convert/ASN1.pod | Artistic License | 0.26 | src | Used for c\_rehash script in trustStore |
| [Digest::SHA::PurePerl](http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm)  http://search.cpan.org/~mshelor/Digest-SHA-PurePerl-5.84/lib/Digest/SHA/PurePerl.pm | Artistic License | 5.84 | src | Used for c\_rehash script in trustStore |
| [VOMS::Lite::PEMHelper](http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm)  http://search.cpan.org/~mikej/VOMS-Lite-0.10/lib/VOMS/Lite/PEMHelper.pm | Artistic License | 0.1 | src | Used for c\_rehash script in trustStore |

## Voltage SecureData Payments Terminal SDK

Version 4.2.0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **License** | **Version** | **Binary or Source?** | **Description** |
| **SecureData Toolkit** |  |  |  |  |
| [OpenSSL](https://www.openssl.org/source/)  https://www.openssl.org/source/ | OpenSSL | 1.0.1e | src | Subset of OpenSSL crypto algorithms and multi-precision arithmetiic |

## HPE SecureData Mobile SDK

Version 1.1

No open source components are used in the HPE SecureData Mobile SDK.

# Source Code

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