

# **Access Management System (AMS) 5.0**

# **Table of contents**

1	Introduction	
1.1	OpenSSL	4
2	Components Overview	
3	The Licenses	24
3.1	Apache License 1.1	24
3.2	Apache License 2.0	2!
3.3	Boost Software License - Version 1.0	28
3.4	BSD 2-Clause License	29
3.5	BSD 3-Clause License	29
3.6	Code Project Open License 1.02	30
3.7	DWS Free	34
3.8	Gladman Older Rijndael License	34
3.9	Independent JPEG Group's license	3!
3.10	ISC License	37
3.11	Microsoft .NET Library License	37
3.12	Microsoft HTML Help Workshop License	40
3.13	Microsoft Public License	44
3.14	Microsoft Systems Journal Sample Code License	4!
3.15	MIT License	56
3.16	Mozilla Public license - v.1.1	56
3.17	OpenSSL license	64
3.18	RSA Message-Digest License	66
3.19	zlib-license	66

## 1

# Introduction

This document contains the Open Source Software licenses used in Bosch Access Control products.

The packages are either used completely or partly, and the licenses are listed here accordingly.



## Notice!

Bosch, as the primary user of these open source licenses, undertakes to provide technical support for the Bosch product in its entirety, and thus undertakes to obtain further support from the producers of the open source software concerned, if a defect in it should make this necessary.

# 1.1 OpenSSL

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/).

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).

# **2** Components Overview

Component	License
Apache XML xml-commons	Apache License 1.1
Apache Xerces-C++ XML Parser	Apache License 2.0
Appium Webdriver	Apache License 2.0
NET foundation AutoMapper	Apache License 2.0
Castle.Core-READONLY	Apache License 2.0
dapper-dot-net	Apache License 2.0
RUBICON Development Support Library for Remotion.Linq	Apache License 2.0
DotNetSeleniumExtras	Apache License 2.0
Microsoft EntityFramework	Apache License 2.0
FluentAssertions	Apache License 2.0
FluentValidation	Apache License 2.0
GreenPipes	Apache License 2.0
IdentityModel - IdentityModel	Apache License 2.0
IdentityModel.AspNetCore.OAuth2Introspection	Apache License 2.0
IdentityServer4	Apache License 2.0
IdentityServer4.AccessTokenValidation	Apache License 2.0
Magnum	Apache License 2.0
MassTransit	Apache License 2.0
MediatR	Apache License 2.0
microsoft.aspnetcore	Apache License 2.0
Microsoft.CodeAnalysis	Apache License 2.0
microsoft.entityframeworkcore	Apache License 2.0
Microsoft.Extensions.ApiDescription.Server	Apache License 2.0
Microsoft.Extensions.DependencyInjection	Apache License 2.0
microsoft.extensions.identity	Apache License 2.0
microsoft.extensions.localization	Apache License 2.0
microsoft.extensions.options	Apache License 2.0
Microsoft.VisualStudio.Web	Apache License 2.0
mystudys	Apache License 2.0
NewId	Apache License 2.0

## 6 en | Components Overview

NuGet.Frameworks	Apache License 2.0
rabbitmq	Apache License 2.0
Reactive Extensions for .NET	Apache License 2.0
selenium	Apache License 2.0
serilog	Apache License 2.0
SQLitePCLRaw	Apache License 2.0
System.Interactive.Async	Apache License 2.0
testing-adu	Apache License 2.0
topeng	Apache License 2.0
tscad	Apache License 2.0
urltraveler	Apache License 2.0
Visual Studio Online OAuth Client Sample	Apache License 2.0
xUnit.net	Apache License 2.0
Dapper	Apache License 2.0
EntityFramework	Apache License 2.0
FluentValidation.AspNetCore	Apache License 2.0
Grpc.AspNetCore	Apache License 2.0
Grpc.AspNetCore.Server.Reflection	Apache License 2.0
IdentityModel	Apache License 2.0
IdentityModel.OidcClient	Apache License 2.0
IdentityModel.OidcClient	Apache License 2.0
IdentityServer4	Apache License 2.0
IdentityServer4	Apache License 2.0
IdentityServer4.AccessTokenValidation	Apache License 2.0
log4net	Apache License 2.0
log4net	Apache License 2.0
MassTransit	Apache License 2.0
MassTransit.Autofac	Apache License 2.0
MassTransit.RabbitMQ	Apache License 2.0

MediatR	Apache License 2.0
MediatR.Extensions.Microsoft.DependencyInjection	Apache License 2.0
Microsoft.AspNet.SignalR.Client	Apache License 2.0
Microsoft.AspNetCore.Authentication	Apache License 2.0
Microsoft.AspNetCore.Authentication.Abstractions	Apache License 2.0
Microsoft.AspNetCore.Authentication.Google	Apache License 2.0
Microsoft.AspNetCore.Authentication.JwtBearer	Apache License 2.0
Microsoft.AspNetCore.Authentication.JwtBearer	Apache License 2.0
Microsoft.AspNetCore.Authentication.OpenIdConnect	Apache License 2.0
Microsoft.AspNetCore.Authentication.OpenIdConnect	Apache License 2.0
Microsoft.AspNetCore.Connections.Abstractions	Apache License 2.0
Microsoft.AspNetCore.Hosting	Apache License 2.0
Microsoft.AspNetCore.Hosting.Abstractions	Apache License 2.0
Microsoft.AspNetCore.Http	Apache License 2.0
Microsoft.AspNetCore.Http.Abstractions	Apache License 2.0
Microsoft.AspNetCore.Http.Connections.Client	Apache License 2.0
Microsoft.AspNetCore.Http.Connections.Common	Apache License 2.0
Microsoft.AspNetCore.Http.Features	Apache License 2.0
Microsoft.AspNetCore.Http.Features	Apache License 2.0
Microsoft.AspNetCore.HttpsPolicy	Apache License 2.0
Microsoft.AspNetCore.Mvc	Apache License 2.0
Microsoft.AspNetCore.Mvc.ApiExplorer	Apache License 2.0
Microsoft.AspNetCore.Server.Kestrel	Apache License 2.0
Microsoft.AspNetCore.Server.Kestrel.Core	Apache License 2.0
Microsoft.AspNetCore.SignalR.Client	Apache License 2.0
Microsoft.AspNetCore.SignalR.Client.Core	Apache License 2.0
Microsoft.AspNetCore.SignalR.Common	Apache License 2.0
Microsoft.AspNetCore.SignalR.Protocols.Json	Apache License 2.0
Microsoft.AspNetCore.SpaServices	Apache License 2.0
Microsoft.AspNetCore.SpaServices.Extensions	Apache License 2.0
Microsoft.AspNetCore.SpaServices.Extensions	Apache License 2.0
Microsoft.CodeAnalysis.FxCopAnalyzers	Apache License 2.0
Microsoft.EntityFrameworkCore	Apache License 2.0
Microsoft.EntityFrameworkCore.Design	Apache License 2.0

## 8 en | Components Overview

Microsoft.EntityFrameworkCore.SqlServer	Apache License 2.0
Microsoft.EntityFrameworkCore.Tools	Apache License 2.0
Microsoft.Extensions.Configuration	Apache License 2.0
Microsoft.Extensions.Configuration.Abstractions	Apache License 2.0
Microsoft.Extensions.Configuration.Binder	Apache License 2.0
Microsoft.Extensions.DependencyInjection	Apache License 2.0
Microsoft.Extensions.DependencyInjection.Abstractions	Apache License 2.0
Microsoft.Extensions.Hosting	Apache License 2.0
Microsoft.Extensions.Hosting.WindowsServices	Apache License 2.0
Microsoft.Extensions.Hosting.WindowsServices	Apache License 2.0
Microsoft.Extensions.Logging	Apache License 2.0
Microsoft.Extensions.Logging	Apache License 2.0
Microsoft.Extensions.Logging.Abstractions	Apache License 2.0
Microsoft.Extensions.Options	Apache License 2.0
Microsoft.Extensions.Primitives	Apache License 2.0
Microsoft.Owin	Apache License 2.0
Microsoft.Owin	Apache License 2.0
Microsoft.Owin.Host.SystemWeb	Apache License 2.0
Microsoft.Owin.Security	Apache License 2.0
Microsoft.Owin.Security.Cookies	Apache License 2.0
Microsoft.VisualStudio.Web.CodeGeneration.Design	Apache License 2.0
Newld	Apache License 2.0
OSDP.Net	Apache License 2.0
Owin	Apache License 2.0
Serilog	Apache License 2.0
Serilog	Apache License 2.0
Serilog.AspNetCore	Apache License 2.0
Serilog.AspNetCore	Apache License 2.0
Serilog.AspNetCore	Apache License 2.0
Serilog.Extensions.Logging	Apache License 2.0
Serilog.Extensions.Logging	Apache License 2.0
Serilog.Extensions.Logging.File	Apache License 2.0
Serilog.Settings.AppSettings	Apache License 2.0
Serilog.Settings.Configuration	Apache License 2.0
	·

Serilog.Settings.Configuration	Apache License 2.0
Serilog.Sinks.Console	Apache License 2.0
Serilog.Sinks.Console	Apache License 2.0
Serilog.Sinks.Debug	Apache License 2.0
Serilog.Sinks.File	Apache License 2.0
Serilog.Sinks.File	Apache License 2.0
Serilog.Sinks.File.Header	Apache License 2.0
Serilog.Sinks.Literate	Apache License 2.0
Serilog.Sinks.Map	Apache License 2.0
Serilog.Sinks.RollingFile	Apache License 2.0
ZXing.Net	Apache License 2.0
oidc-client	Apache License 2.0
react-router-bootstrap	Apache License 2.0
react-router-bootstrap	Apache License 2.0
bosch/frontend.kit-npm	Apache License 2.0
formik	Apache License 2.0
oidc-client	Apache License 2.0
microsoft/signalr	Apache License 2.0
dompurify	Apache License 2.0
oidc-client	Apache License 2.0
react-router-bootstrap	Apache License 2.0
CredentialManagement	Apache License 2.0
Boost C++ Libraries - boost	Boost Software License 1.0
cryptopp	Boost Software License 1.0
Code Project - A data-bound multi-column combobox	BSD 3-clause License
crashrpt	BSD 3-clause License
development_misc	BSD 3-clause License
Extensibility Application Framework	BSD 3-clause License
librdkafka	BSD 3-clause License
Moq	BSD 3-clause License
NLog	BSD 3-clause License
Polly	BSD 3-clause License
Swashbuckle	BSD 3-clause License
nth-check	BSD-2-Clause License

NLog	BSD-3-Clause License
Polly	BSD-3-Clause License
Portable.BouncyCastle	BSD-3-Clause License
qs	BSD-3-Clause License
Code Project - Changing Your Application User Interface Culture On The Fly	Code Project Open License 1.02
Code Project - CPPMessageBox	Code Project Open License 1.02
Code Project - Customizing OpenFileDialog in .NET	Code Project Open License 1.02
Code Project - File Open/SaveAs That Stores the MRUD	Code Project Open License 1.02
Code Project - Globalized property grid	Code Project Open License 1.02
Code Project - Inserting a Doc/Frame/View in a dialog using a custom control	Code Project Open License 1.02
Code Project - Office 97 style Colour Picker control	Code Project Open License 1.02
Code Project - Progress Control with Text	Code Project Open License 1.02
Code Project - Type converters, your friendly helpers!	Code Project Open License 1.02
Code Project - Using RichEditCtrl to display formatted logs	Code Project Open License 1.02
CSizingControlBar	Code Project Open License 1.02
DWS mimelib	DWS Free
Gladman Older Rijndael Implementation	Gladman Older Rijndael License
libjpeg	Independent JPEG Group License
rimraf	ISC License
glob-parent	ISC License
qrcode.react	ISC License
rimraf	ISC License
free3of9	Matthew Welch Free Fonts
Microsoft EventSource Library Redistribution Package	Microsoft .NET Library License
Microsoft.AspNet.Cors.cs	Microsoft .NET Library License
Microsoft.AspNet.SignalR	Microsoft .NET Library License
Microsoft.CodeCoverage	Microsoft .NET Library License
Microsoft.CSharp	Microsoft .NET Library License
Microsoft.Data.SQLite	Microsoft .NET Library License
Microsoft.DiaSymReader.Native	Microsoft .NET Library License
microsoft.extensions.caching	Microsoft .NET Library License
Microsoft.Extensions.CommandLineUtils	Microsoft .NET Library License

microsoft.extensions.configuration	Microsoft .NET Library License
microsoft.extensions.fileproviders	Microsoft .NET Library License
microsoft.extensions.logging	Microsoft .NET Library License
Microsoft.Net.Http.Headers	Microsoft .NET Library License
Microsoft.NETCore	Microsoft .NET Library License
Microsoft.NETCore.Platforms	Microsoft .NET Library License
Microsoft.NETCore.Runtime	Microsoft .NET Library License
Microsoft.Owin	Microsoft .NET Library License
Microsoft.Owin.Cors	Microsoft .NET Library License
Microsoft.VisualStudio.Azure.Containers.Tools.Targets	Microsoft .NET Library License
MSBuild	Microsoft .NET Library License
runtime.win.Microsoft.Win32.Primitives	Microsoft .NET Library License
runtime.win.System	Microsoft .NET Library License
System.Collections	Microsoft .NET Library License
System.ComponentModel	Microsoft .NET Library License
System.Composition	Microsoft .NET Library License
System.Diagnostics.Contracts	Microsoft .NET Library License
System.Diagnostics.Debug	Microsoft .NET Library License
system.diagnostics.diagnosticsource	Microsoft .NET Library License
System.Diagnostics.FileVersionInfo	Microsoft .NET Library License
System.Diagnostics.Process	Microsoft .NET Library License
System.Diagnostics.StackTrace	Microsoft .NET Library License
System.Diagnostics.TextWriterTraceListener	Microsoft .NET Library License
System.Diagnostics.TraceSource	Microsoft .NET Library License
System.IO	Microsoft .NET Library License
System.Linq.Expressions	Microsoft .NET Library License
System.Linq.Parallel	Microsoft .NET Library License
System.Linq.Queryable	Microsoft .NET Library License
System.Net.Http	Microsoft .NET Library License
System.Net.NameResolution	Microsoft .NET Library License
System.Net.NetworkInformation	Microsoft .NET Library License
System.Net.Requests	Microsoft .NET Library License
System.Net.Security	Microsoft .NET Library License
System.Net.WebHeaderCollection	Microsoft .NET Library License

System.Net.WebSockets	Microsoft .NET Library License
System.Net.WebSockets.Client	Microsoft .NET Library License
System.Private.DataContractSerialization	Microsoft .NET Library License
System.Private.Uri	Microsoft .NET Library License
System.Reflection.DispatchProxy	Microsoft .NET Library License
System.Reflection.Emit	Microsoft .NET Library License
System.Reflection.Emit.Lightweight	Microsoft .NET Library License
System.Reflection.Metadata	Microsoft .NET Library License
System.Reflection.TypeExtensions	Microsoft .NET Library License
System.Runtime	Microsoft .NET Library License
System.Runtime.CompilerServices.Unsafe	Microsoft .NET Library License
System.Runtime.InteropServices.WindowsRuntime	Microsoft .NET Library License
System.Runtime.Loader	Microsoft .NET Library License
System.Runtime.Serialization.Xml	Microsoft .NET Library License
System.Security.AccessControl	Microsoft .NET Library License
System.Security.Claims	Microsoft .NET Library License
System.Security.Cryptography	Microsoft .NET Library License
System.Security.Permissions	Microsoft .NET Library License
System.Security.Principal	Microsoft .NET Library License
System.Security.Principal.Windows	Microsoft .NET Library License
System.Security.SecureString	Microsoft .NET Library License
System.Threading	Microsoft .NET Library License
System.Windows.Interactivity.WPF	Microsoft .NET Library License
System.Xml.XmlDocument	Microsoft .NET Library License
System.Xml.XmlSerializer	Microsoft .NET Library License
System.Xml.XPath	Microsoft .NET Library License
System.Xml.XPath.XDocument	Microsoft .NET Library License
WebGrease	Microsoft .NET Library License
WindowsBase	Microsoft .NET Library License
Microsoft.AspNet.Identity.Core	Microsoft .NET Library License
Microsoft.AspNet.Mvc	Microsoft .NET Library License
Microsoft.AspNet.Mvc	Microsoft .NET Library License
Microsoft.AspNet.Razor	Microsoft .NET Library License
Microsoft.AspNet.Razor	Microsoft .NET Library License

Microsoft.AspNet.Web.Optimization	Microsoft .NET Library License
Microsoft.AspNet.WebApi	Microsoft .NET Library License
Microsoft.AspNet.WebApi.Client	Microsoft .NET Library License
Microsoft.AspNet.WebApi.Core	Microsoft .NET Library License
Microsoft.AspNet.WebApi.WebHost	Microsoft .NET Library License
Microsoft.AspNet.WebPages	Microsoft .NET Library License
Microsoft.AspNet.WebPages	Microsoft .NET Library License
Microsoft.CodeDom.Providers.DotNetCompilerPlatform	Microsoft .NET Library License
Microsoft.jQuery.Unobtrusive.Validation	Microsoft .NET Library License
Microsoft.NETCore.Platforms	Microsoft .NET Library License
Microsoft.Web.Administration	Microsoft .NET Library License
Microsoft.Web.Administration	Microsoft .NET Library License
Microsoft.Web.Infrastructure	Microsoft .NET Library License
Microsoft.Win32.Primitives	Microsoft .NET Library License
Microsoft.Win32.Registry	Microsoft .NET Library License
NETStandard.Library	Microsoft .NET Library License
NETStandard.Library	Microsoft .NET Library License
System.AppContext	Microsoft .NET Library License
System.Collections	Microsoft .NET Library License
System.Collections.Concurrent	Microsoft .NET Library License
System.Console	Microsoft .NET Library License
System.Diagnostics.Debug	Microsoft .NET Library License
System.Diagnostics.Debug	Microsoft .NET Library License
System.Diagnostics.DiagnosticSource	Microsoft .NET Library License
System.Diagnostics.Tools	Microsoft .NET Library License
System.Diagnostics.TraceSource	Microsoft .NET Library License
System.Diagnostics.TraceSource	Microsoft .NET Library License
System.Diagnostics.Tracing	Microsoft .NET Library License
System.Globalization	Microsoft .NET Library License
System.Globalization.Calendars	Microsoft .NET Library License
System.IO	Microsoft .NET Library License
System.IO.Compression	Microsoft .NET Library License
System.IO.Compression.ZipFile	Microsoft .NET Library License
System.IO.FileSystem	Microsoft .NET Library License

System.IO.FileSystem.Primitives	Microsoft .NET Library License
System.IO.FileSystem.Primitives	Microsoft .NET Library License
System.Linq	Microsoft .NET Library License
System.Linq.Expressions	Microsoft .NET Library License
System.Net.Http	Microsoft .NET Library License
System.Net.Http	Microsoft .NET Library License
System.Net.Primitives	Microsoft .NET Library License
System.Net.Sockets	Microsoft .NET Library License
System.ObjectModel	Microsoft .NET Library License
System.Reflection	Microsoft .NET Library License
System.Reflection.Extensions	Microsoft .NET Library License
System.Reflection.Primitives	Microsoft .NET Library License
System.Resources.ResourceManager	Microsoft .NET Library License
System.Runtime	Microsoft .NET Library License
System.Runtime.Extensions	Microsoft .NET Library License
System.Runtime.Handles	Microsoft .NET Library License
System.Runtime.InteropServices	Microsoft .NET Library License
System.Runtime.InteropServices.RuntimeInformation	Microsoft .NET Library License
System.Runtime.Numerics	Microsoft .NET Library License
System.Security.Claims	Microsoft .NET Library License
System.Security.Cryptography.Algorithms	Microsoft .NET Library License
System.Security.Cryptography.Algorithms	Microsoft .NET Library License
System.Security.Cryptography.Encoding	Microsoft .NET Library License
System.Security.Cryptography.Primitives	Microsoft .NET Library License
System.Security.Cryptography.X509Certificates	Microsoft .NET Library License
System.Security.Cryptography.X509Certificates	Microsoft .NET Library License
System.Security.Principal.Windows	Microsoft .NET Library License
System.Text.Encoding	Microsoft .NET Library License
System.Text.Encoding.Extensions	Microsoft .NET Library License
System.Text.Encoding.Extensions	Microsoft .NET Library License
System.Text.RegularExpressions	Microsoft .NET Library License
System.Threading	Microsoft .NET Library License
System.Threading.Tasks	Microsoft .NET Library License
System.Threading.Tasks	Microsoft .NET Library License
-	

System.Threading.Timer	Microsoft .NET Library License
System.Xml.ReaderWriter	Microsoft .NET Library License
System.Xml.XDocument	Microsoft .NET Library License
DotNetZip	Microsoft .NET Library License
DotNetZip	Microsoft .NET Library License
Extended.Wpf.Toolkit	Microsoft .NET Library License
Microsoft HTML Help Workshop	Microsoft HTML Help Workshop License
AT Accounts	Microsoft Public License
CrystalReportsViewer	Microsoft Public License
CsvHelper	Microsoft Public License
Facebook Azure Toolkit	Microsoft Public License
Google+ for Windows Phone 7	Microsoft Public License
OSDAppChooser	Microsoft Public License
unChromium	Microsoft Public License
Microsoft Systems Journal	Microsoft Systems Journal Sample Code License
bootstrap	MIT License
CommandLineParser	MIT License
Compat.Runtime.Serialization	MIT License
Modernizr	MIT License
Open-Xml-PowerTools	MIT License
Portable.BouncyCastle	MIT License
SslCertBinding.Net	MIT License
System.Windows.Interactivity.WPF	MIT License
Prism.Core	MIT License
Moment.js	MIT License
SoapFormatter	MIT License
Autofac	MIT License
Autofac	MIT License
Autofac	MIT License
Autofac.Configuration	MIT License
Autofac.Extensions.DependencyInjection	MIT License
Autofac.Mvc5	MIT License
Autofac.Mvc5.Owin	MIT License
Autofac.Owin	MIT License

Autofac.Wcf	MIT License
AutoMapper	MIT License
AutoMapper	MIT License
AutoMapper	MIT License
AutoMapper.Extensions.Microsoft.DependencyInjection	MIT License
AutoMapper.Extensions.Microsoft.DependencyInjection	MIT License
Bond.Core.CSharp	MIT License
Bond.CSharp	MIT License
DateOnlyTimeOnly.AspNet.Swashbuckle	MIT License
DocumentFormat.OpenXml	MIT License
DynamicQuery	MIT License
FontAwesome.WPF	MIT License
Foolproof	MIT License
Hellang.Middleware.ProblemDetails	MIT License
jQuery	MIT License
jQuery.UI	MIT License
jQuery.Validation	MIT License
Json.Net	MIT License
linq.js	MIT License
MailKit	MIT License
MaterialDesignColors	MIT License
MaterialDesignColors	MIT License
MaterialDesignThemes	MIT License
MaterialDesignThemes	MIT License
Microsoft.AspNetCore	MIT License
Microsoft.AspNetCore.Authentication.JwtBearer	MIT License
Microsoft.AspNetCore.Cryptography.KeyDerivation	MIT License
Microsoft.AspNetCore.Hosting.WindowsServices	MIT License
Microsoft.AspNetCore.Mvc.NewtonsoftJson	MIT License
Microsoft.AspNetCore.Mvc.Versioning	MIT License
Microsoft.AspNetCore.Mvc.Versioning.ApiExplorer	MIT License
Microsoft.AspNetCore.Mvc.Versioning.ApiExplorer	MIT License
Microsoft.AspNetCore.SpaServices.Extensions	MIT License
Microsoft.Bcl.AsyncInterfaces	MIT License

Microsoft.Bcl.AsyncInterfaces	MIT License
Microsoft.CodeAnalysis.CSharp	MIT License
Microsoft.CSharp	MIT License
Microsoft.EntityFrameworkCore	MIT License
Microsoft.EntityFrameworkCore.Design	MIT License
Microsoft.EntityFrameworkCore.InMemory	MIT License
Microsoft.EntityFrameworkCore.SqlServer	MIT License
Microsoft.EntityFrameworkCore.Tools	MIT License
Microsoft.Extensions.Caching.Abstractions	MIT License
Microsoft.Extensions.Configuration	MIT License
Microsoft.Extensions.Configuration.Binder	MIT License
Microsoft.Extensions.Configuration.Json	MIT License
Microsoft.Extensions.Configuration.Json	MIT License
Microsoft.Extensions.DependencyInjection	MIT License
Microsoft.Extensions.DependencyInjection.Abstractions	MIT License
Microsoft.Extensions.Hosting	MIT License
Microsoft.Extensions.Hosting	MIT License
Microsoft.Extensions.Hosting.Abstractions	MIT License
Microsoft.Extensions.Hosting.WindowsServices	MIT License
Microsoft.Extensions.Logging	MIT License
Microsoft.Extensions.Logging.Abstractions	MIT License
Microsoft.Extensions.Logging.Abstractions	MIT License
Microsoft.Extensions.Logging.Console	MIT License
Microsoft.Extensions.Options	MIT License
Microsoft.IdentityModel.JsonWebTokens	MIT License
Microsoft.IdentityModel.Logging	MIT License
Microsoft.IdentityModel.Protocols	MIT License
Microsoft.IdentityModel.Tokens	MIT License
Microsoft.Rest.ClientRuntime	MIT License
Microsoft.VisualStudio.Threading	MIT License
Microsoft.Win32.Registry	MIT License
Microsoft.Win32.SystemEvents	MIT License
Microsoft.Win32.SystemEvents	MIT License
Microsoft.Windows.Compatibility	MIT License

Microsoft.Xaml.Behaviors.Wpf	MIT License
NeoSmart.AsyncLock	MIT License
Nerdbank.GitVersioning	MIT License
Newtonsoft.Json	MIT License
NJsonSchema	MIT License
QRCoder	MIT License
Swashbuckle.AspNetCore	MIT License
Swashbuckle.AspNetCore	MIT License
Swashbuckle.AspNetCore	MIT License
Swashbuckle.AspNetCore.Annotations	MIT License
Swashbuckle.AspNetCore.Annotations	MIT License
System.Buffers	MIT License
System.Buffers	MIT License
System.ComponentModel.Annotations	MIT License
System.ComponentModel.Annotations	MIT License
System.Configuration.ConfigurationManager	MIT License
System.Data.DataSetExtensions	MIT License
System.Data.SqlClient	MIT License
System.Data.SqlClient	MIT License
System.Diagnostics.DiagnosticSource	MIT License
System.Diagnostics.DiagnosticSource	MIT License
System.DirectoryServices	MIT License
System.Drawing.Common	MIT License
System.Drawing.Common	MIT License
System.ldentityModel.Tokens.Jwt	MIT License
System.IdentityModel.Tokens.Jwt	MIT License
System.IdentityModel.Tokens.Jwt	MIT License
System.IdentityModel.Tokens.Jwt	MIT License
System.ldentityModel.Tokens.Jwt	MIT License
System.IdentityModel.Tokens.Jwt	MIT License
·	

System.Interactive.Async	MIT License
System.IO.FileSystem.AccessControl	MIT License
System.IO.Pipelines	MIT License
System.IO.Ports	MIT License
System.IO.Ports	MIT License
System.Linq.Async	MIT License
System.Management	MIT License
System.Management	MIT License
System.Memory	MIT License
System.Memory	MIT License
System.Numerics.Vectors	MIT License
System.Numerics.Vectors	MIT License
System.Reactive	MIT License
System.Reflection.TypeExtensions	MIT License
System.Reflection.TypeExtensions	MIT License
System.Resources.Extensions	MIT License
System.Runtime.CompilerServices.Unsafe	MIT License
System.Runtime.CompilerServices.Unsafe	MIT License
System.Security.AccessControl	MIT License
System.Security.Cryptography.ProtectedData	MIT License
System.Security.Permissions	MIT License
System.Security.Principal.Windows	MIT License
System.ServiceProcess.ServiceController	MIT License
System.ServiceProcess.ServiceController	MIT License
System.Text.Encodings.Web	MIT License
System.Text.Encodings.Web	MIT License
System.Text.Json	MIT License
System.Threading.Channels	MIT License
System.Threading.Tasks.Extensions	MIT License
System.ValueTuple	MIT License
material-ui/core	MIT License
bootstrap	MIT License
i18next-browser-languagedetector	MIT License
i18next-xhr-backend	MIT License

i18next	MIT License
jquery	MIT License
popper	MIT License
react-bootstrap	MIT License
react-dom	MIT License
react-i18next	MIT License
react-redux	MIT License
react-router-dom	MIT License
react-scripts	MIT License
react	MIT License
reactstrap	MIT License
redux	MIT License
babel-eslint	MIT License
bootstrap	MIT License
jquery	MIT License
merge	MIT License
node-sass	MIT License
react-dom	MIT License
react-router-dom	MIT License
react-scripts	MIT License
react-test-renderer	MIT License
react	MIT License
lingui/detect-locale	MIT License
lingui/react	MIT License
axios	MIT License
clsx	MIT License
lodash	MIT License
moment	MIT License
prop-types	MIT License
ramda	MIT License
react-dom	MIT License
react-router-dom	MIT License
react-scripts	MIT License
react-to-print	MIT License

react-tooltip	MIT License
react-virtualized-auto-sizer	MIT License
react-window	MIT License
react	MIT License
swr	MIT License
uuid	MIT License
yup	MIT License
date-io/date-fns	MIT License
material-ui/core	MIT License
material-ui/icons	MIT License
material-ui/lab	MIT License
material-ui/pickers	MIT License
ansi-regex	MIT License
autoprefixer	MIT License
bootstrap	MIT License
css-loader	MIT License
date-fns-timezone	MIT License
date-fns	MIT License
html-react-parser	MIT License
i18next-browser-languagedetector	MIT License
i18next-http-backend	MIT License
i18next	MIT License
mini-css-extract-plugin	MIT License
postcss-loader	MIT License
postcss	MIT License
react-bootstrap	MIT License
react-dev-utils	MIT License
react-dom	MIT License
react-i18next	MIT License
react-pdf	MIT License
react-redux	MIT License
react-router-dom	MIT License
react-scripts	MIT License
react-webcam	MIT License

react	MIT License
reactstrap	MIT License
redux	MIT License
streamsaver	MIT License
svgo	MIT License
web-streams-polyfill	MIT License
Code Project - A C# IP Address Control	MIT License
Divergic.Logging.Xunit	MIT License
Ensure.That	MIT License
Ether.Outcomes	MIT License
findandreplaceex	MIT License
fml-zombie	MIT License
GroupDocs.Viewer-forNET	MIT License
JulMar MVVM Helpers + Behaviors	MIT License
libuv - cotag/libuv	MIT License
Microsoft OData stack Getting started Libraries	MIT License
microsoft.bcl	MIT License
Microsoft.DotNet	MIT License
Microsoft.Extensions	MIT License
Microsoft.Identity.Client	MIT License
microsoft.identitymodel	MIT License
Microsoft.OpenApi	MIT License
Microsoft.Rest.ClientRuntime	MIT License
Microsoft.Spatial	MIT License
Microsoft.VisualBasic	MIT License
Microsoft.Win32	MIT License
Microsoft.Win32.Registry	MIT License
Microsoft.WindowsDesktop.App.Runtime.win-x64	MIT License
MockQueryable	MIT License
MonoTorrent	MIT License
OpenUtau	MIT License
strongpassword	MIT License
system.diagnostics.eventlog	MIT License
System.Text.Encoding.CodePages	MIT License
	·

test-x-world	MIT License
WinRT by Example Sample Applications	MIT License
Xaml-Controls-Gallery	MIT License
XunitOrderer	MIT License
clking	Mozilla Public License 1.1
OpenSSL	OpenSSL Combined License
Code Project - A Tree List Control	Public Domain
Code Project - Bending the .NET PropertyGrid to Your Will	Public Domain
Code Project - CFileDialogST	Public Domain
Code Project - CMD5: A C++ Message Digest 5 Class	Public Domain
Code Project - Command Line Parser	Public Domain
Mapi2Pop3	Public Domain
Multi-Column Tree View	Public Domain
net-object-deep-copy	Public Domain
Secret Picture	Public Domain
RSA Data Security-MD5 Message	RSA Message-Digest License
BugReporter	Unspecified
Code Project - CxImage	zlib License
zlib	zlib License

#### \_\_\_\_

# 3 The Licenses

# 3.1 Apache License 1.1

\* The Apache Software License, Version 1.1

\*

\* Copyright (c) 2000 The Apache Software Foundation. All rights

\* reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

\*

\* 1. Redistributions of source code must retain the above copyright

\* notice, this list of conditions and the following disclaimer.

\*

\* 2. Redistributions in binary form must reproduce the above copyright

\* notice, this list of conditions and the following disclaimer in

\* the documentation and/or other materials provided with the

\* distribution.

\*

\* 3. The end-user documentation included with the redistribution,

\* if any, must include the following acknowledgment:

\* "This product includes software developed by the

\* Apache Software Foundation (http://www.apache.org/)."

\* Alternately, this acknowledgment may appear in the software itself,

\* if and wherever such third-party acknowledgments normally appear.

\*

\* 4. The names "Apache" and "Apache Software Foundation" must

\* not be used to endorse or promote products derived from this

\* software without prior written permission. For written

\* permission, please contact apache@apache.org.

\*

\* 5. Products derived from this software may not be called "Apache",

\* nor may "Apache" appear in their name, without prior written

\* permission of the Apache Software Foundation.

\*

\* THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED

\* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

\* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

\* DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR

\* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

\* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

\* LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF

\* USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

\* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

\* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT

\* OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

\* SUCH DAMAGE.

- \* This software consists of voluntary contributions made by many
- \* individuals on behalf of the Apache Software Foundation. For more
- \* information on the Apache Software Foundation, please see
- \* <http://www.apache.org/>.
- \* Portions of this software are based upon public domain software
- \* originally written at the National Center for Supercomputing Applications,
- \* University of Illinois, Urbana-Champaign.
- \*/

#### 3.2 **Apache License 2.0**

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

## 2. Grant of Copyright License.

Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

#### 3. Grant of Patent License.

Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s)

with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

## 4. Redistribution.

You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

#### 5. Submission of Contributions.

Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

## 6. Trademarks.

This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

## 7. Disclaimer of Warranty.

Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

#### 8. Limitation of Liability.

In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of

this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

# 9. Accepting Warranty or Additional Liability.

While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/ or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason ^^^of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

#### APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## 3.3 Boost Software License - Version 1.0

Boost Software License - Version 1.0

August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement,

including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY. WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

#### **BSD 2-Clause License** 3.4

BSD Two Clause License

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

#### 3.5 **BSD 3-Clause License**

BSD Three Clause License

Copyright (c) <YEAR>, <OWNER> All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

#### 3.6 Code Project Open License 1.02

The Code Project Open License (CPOL) 1.02

### Preamble

This License governs Your use of the Work. This License is intended to allow developers to use the Source Code and Executable Files provided as part of the Work in any application in any form.

The main points subject to the terms of the License are:

Source Code and Executable Files can be used in commercial applications;

Source Code and Executable Files can be redistributed: and

Source Code can be modified to create derivative works.

No claim of suitability, guarantee, or any warranty whatsoever is provided. The software is

The Article accompanying the Work may not be distributed or republished without the Author's consent

This License is entered between You, the individual or other entity reading or otherwise making use of the Work licensed pursuant to this License and the individual or other entity which offers the Work under the terms of this License ("Author"). License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CODE PROJECT OPEN LICENSE ("LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HEREIN. YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE AUTHOR GRANTS YOU THE RIGHTS CONTAINED HEREIN IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS. IF YOU DO NOT AGREE TO ACCEPT AND BE BOUND BY THE TERMS OF THIS LICENSE, YOU CANNOT MAKE ANY USE OF THE WORK.

#### Definitions.

"Articles" means, collectively, all articles written by Author which describes how the Source Code and Executable Files for the Work may be used by a user.

"Author" means the individual or entity that offers the Work under the terms of this License.

"Derivative Work" means a work based upon the Work or upon the Work and other pre-existing

"Executable Files" refer to the executables, binary files, configuration and any required data files included in the Work.

"Publisher" means the provider of the website, magazine, CD-ROM, DVD or other medium from or by which the Work is obtained by You.

"Source Code" refers to the collection of source code and configuration files used to create the Executable Files.

"Standard Version" refers to such a Work if it has not been modified, or has been modified in accordance with the consent of the Author, such consent being in the full discretion of the

"Work" refers to the collection of files distributed by the Publisher, including the Source Code, Executable Files, binaries, data files, documentation, whitepapers and the Articles.

"You" is you, an individual or entity wishing to use the Work and exercise your rights under this License.

Fair Use/Fair Use Rights. Nothing in this License is intended to reduce, limit, or restrict any rights arising from fair use, fair dealing, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.

License Grant. Subject to the terms and conditions of this License, the Author hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

You may use the standard version of the Source Code or Executable Files in Your own applications.

You may apply bug fixes, portability fixes and other modifications obtained from the Public Domain or from the Author. A Work modified in such a way shall still be considered the standard version and will be subject to this License.

You may otherwise modify Your copy of this Work (excluding the Articles) in any way to create a Derivative Work, provided that You insert a prominent notice in each changed file stating how, when and where You changed that file.

You may distribute the standard version of the Executable Files and Source Code or Derivative Work in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution.

The Articles discussing the Work published in any form by the author may not be distributed or republished without the Author's consent. The author retains copyright to any such Articles. You may use the Executable Files and Source Code pursuant to this License but you may not repost or republish or otherwise distribute or make available the Articles, without the prior written consent of the Author.

Any subroutines or modules supplied by You and linked into the Source Code or Executable Files this Work shall not be considered part of this Work and will not be subject to the terms of this License.

Patent License. Subject to the terms and conditions of this License, each Author hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, import, and otherwise transfer the Work.

Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

You agree not to remove any of the original copyright, patent, trademark, and attribution notices and associated disclaimers that may appear in the Source Code or Executable Files. You agree not to advertise or in any way imply that this Work is a product of Your own. The name of the Author may not be used to endorse or promote products derived from the Work without the prior written consent of the Author.

You agree not to sell, lease, or rent any part of the Work. This does not restrict you from including the Work or any part of the Work inside a larger software distribution that itself is being sold. The Work by itself, though, cannot be sold, leased or rented.

You may distribute the Executable Files and Source Code only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy of the Executable Files or Source Code You distribute and ensure that anyone receiving such Executable Files and Source Code agrees that the terms of this License apply to such Executable Files and/or Source Code. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute the Executable Files or Source Code with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License.

You agree not to use the Work for illegal, immoral or improper purposes, or on pages containing illegal, immoral or improper material. The Work is subject to applicable export laws. You agree to comply with all such laws and regulations that may apply to the Work after Your receipt of the Work.

Representations, Warranties and Disclaimer. THIS WORK IS PROVIDED "AS IS", "WHERE IS" AND "AS AVAILABLE", WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OR GUARANTEES. YOU, THE USER, ASSUME ALL RISK IN ITS USE, INCLUDING COPYRIGHT INFRINGEMENT, PATENT INFRINGEMENT, SUITABILITY, ETC. AUTHOR EXPRESSLY DISCLAIMS ALL EXPRESS, IMPLIED OR STATUTORY WARRANTIES OR CONDITIONS, INCLUDING WITHOUT LIMITATION, WARRANTIES OR CONDITIONS OF MERCHANTABILITY, MERCHANTABLE QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF TITLE OR NON-INFRINGEMENT, OR THAT THE WORK (OR ANY PORTION THEREOF) IS CORRECT, USEFUL, BUG-FREE OR FREE OF VIRUSES. YOU MUST PASS THIS DISCLAIMER ON WHENEVER YOU DISTRIBUTE THE WORK OR DERIVATIVE WORKS.

Indemnity. You agree to defend, indemnify and hold harmless the Author and the Publisher from and against any claims, suits, losses, damages, liabilities, costs, and expenses (including reasonable legal or attorneys' fees) resulting from or relating to any use of the Work by You.

Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW. IN NO EVENT WILL THE AUTHOR OR THE PUBLISHER BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK OR OTHERWISE, EVEN IF THE AUTHOR OR THE PUBLISHER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### Termination.

This License and the rights granted hereunder will terminate automatically upon any breach by You of any term of this License. Individuals or entities who have received Derivative Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 6, 7, 8, 9, 10 and 11 will survive any termination of this License.

If You bring a copyright, trademark, patent or any other infringement claim against any contributor over infringements You claim are made by the Work, your License from such contributor to the Work ends automatically.

Subject to the above terms and conditions, this License is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, the Author reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

Publisher. The parties hereby confirm that the Publisher shall not, under any circumstances, be responsible for and shall not have any liability in respect of the subject matter of this License. The Publisher makes no warranty whatsoever in connection with the Work and shall not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. The Publisher reserves the right to cease making the Work available to You at any time without notice

## Miscellaneous

This License shall be governed by the laws of the location of the head office of the Author or if the Author is an individual, the laws of location of the principal place of residence of the Author.

If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this License, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

This License constitutes the entire agreement between the parties with respect to the Work licensed herein. There are no understandings, agreements or representations with respect to the Work not specified herein. The Author shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Author and You.

#### 3.7 **DWS Free**

Copyright Information for Base64 and Quoted-Printable Encoding/Decoding

Source Code Copyright: The Base64 and Quoted-Printable Encoding/Decoding implementations used in these classes are based on the free MimePak 1.1 C routines obtained from Hunny Software (www.hunnysoft.com) Copyright (C) 1999 Douglas W. Sauder

This software is provided "as is," without any express or implied warranty. In no event will the author be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions: The origin of this software must not be misrepresented; you must not claim that you wrote the original software.

If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

This notice may not be removed or altered from any source distribution. The original distribution can be obtained from www.hunnysoft.com.

You can email the author at dwsauder@hunnysoft.com.

#### Gladman Older Rijndael License 3.8

Gladman Older Rijndael License

Code Use

I am happy for this code to be used without payment provided that I don't carry any risks as a result. I would appreciate an appropriate acknowledgement of the source of the code if you do use it in a product or activity provided to third parties. I would also be grateful for feedback on how the code is being used, any problems you encounter, any changes or additions that are desirable for particular processors and any more general improvements you would like to see (no promises mind!).

#### 3.9 **Independent JPEG Group's license**

The Independent JPEG Group's JPEG software README for release 6b of 27-Mar-1998 \_\_\_\_\_

This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee. LEGAL ISSUES

========

In plain English:

We don't promise that this software works. (But if you find any bugs, please let us know!) You can use this software for whatever you want. You don't have to pay us. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane. All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

- (2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".
- (3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, Itconfig, Itmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."



#### Notice!

The licenser ....

#### 3.10 **ISC License**

Permission to use, copy, modify, and /or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

#### 3.11 Microsoft .NET Library License

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT .NET LIBRARY

These license terms are an agreement between you and Microsoft Corporation (or based on where you live, one of its affiliates). They apply to the software named above. The terms also apply to any Microsoft services or updates for the software, except to the extent those have different terms.

IF YOU COMPLY WITH THESE LICENSE TERMS, YOU HAVE THE RIGHTS BELOW.

1. INSTALLATION AND USE RIGHTS.

You may install and use any number of copies of the software to develop and test your applications.

- 2. THIRD PARTY COMPONENTS. The software may include third party components with separate legal notices or governed by other agreements, as may be described in the ThirdPartyNotices file(s) accompanying the software.
- 3. ADDITIONAL LICENSING REQUIREMENTS AND/OR USE RIGHTS.
- a. DISTRIBUTABLE CODE. The software is comprised of Distributable Code. "Distributable Code" is code that you are permitted to distribute in applications you develop if you comply with the terms below.
- i. Right to Use and Distribute.
- · You may copy and distribute the object code form of the software.
- · Third Party Distribution. You may permit distributors of your applications to copy and distribute the Distributable Code as part of those applications.
- ii. Distribution Requirements. For any Distributable Code you distribute, you must

- · use the Distributable Code in your applications and not as a standalone distribution:
- · require distributors and external end users to agree to terms that protect it at least as much as this agreement; and
- · indemnify, defend, and hold harmless Microsoft from any claims, including attorneys' fees, related to the distribution or use of your applications, except to the extent that any claim is based solely on the unmodified Distributable Code.
- iii. Distribution Restrictions. You may not
- · use Microsoft's trademarks in your applications' names or in a way that suggests your applications come from or are endorsed by Microsoft; or
- · modify or distribute the source code of any Distributable Code so that any part of it becomes subject to an Excluded License. An "Excluded License" is one that requires, as a condition of use, modification or distribution of code, that (i) it be disclosed or distributed in source code form; or (ii) others have the right to modify it.

## 4. DATA.

- a. Data Collection. The software may collect information about you and your use of the software, and send that to Microsoft. Microsoft may use this information to provide services and improve our products and services. You may opt-out of many of these scenarios, but not all, as described in the software documentation. There are also some features in the software that may enable you and Microsoft to collect data from users of your applications. If you use these features, you must comply with applicable law, including providing appropriate notices to users of your applications together with Microsoft's privacy statement. Our privacy statement is located at https://go.microsoft.com/fwlink/?LinkID=824704. You can learn more about data collection and its use from the software documentation and our privacy statement. Your use of the software operates as your consent to these practices.
- b. Processing of Personal Data. To the extent Microsoft is a processor or subprocessor of personal data in connection with the software, Microsoft makes the commitments in the European Union General Data Protection Regulation Terms of the Online Services Terms to all customers effective May 25, 2018, at https://docs.microsoft.com/en-us/legal/gdpr. 5. SCOPE OF LICENSE. The software is licensed, not sold. This agreement
- only gives you some rights to use the software. Microsoft reserves all other rights. Unless applicable law gives you more rights despite this limitation, you may use the software only as expressly permitted in this agreement. In doing so, you must comply with any technical limitations in the software that only allow you to use it in certain ways. You may not
- · work around any technical limitations in the software;

- · reverse engineer, decompile or disassemble the software, or otherwise attempt to derive the source code for the software, except and to the extent required by third party licensing terms governing use of certain open source components that may be included in the software;
- · remove, minimize, block or modify any notices of Microsoft or its suppliers in the software;
- · use the software in any way that is against the law; or
- · share, publish, rent or lease the software, provide the software as a stand-alone offering for others to use, or transfer the software or this agreement to any third party.
- 6. EXPORT RESTRICTIONS. You must comply with all domestic and international export laws and regulations that apply to the software, which include restrictions on destinations, end users, and end use. For further information on export restrictions, visit www.microsoft.com/exporting. 7. SUPPORT SERVICES. Because this software is "as is," we may not provide support services for it.
- 8. ENTIRE AGREEMENT. This agreement, and the terms for supplements, updates, Internet-based services and support services that you use, are the entire agreement for the software and support services.
- 9. APPLICABLE LAW. If you acquired the software in the United States, Washington law applies to interpretation of and claims for breach of this agreement, and the laws of the state where you live apply to all other claims. If you acquired the software in any other country, its laws apply. 10. CONSUMER RIGHTS; REGIONAL VARIATIONS. This agreement describes certain legal rights. You may have other rights, including consumer rights, under the laws of your state or country. Separate and apart from your relationship with Microsoft, you may also have rights with respect to the party from which you acquired the software. This agreement does not change those other rights if the laws of your state or country do not permit it to do so. For example, if you acquired the software in one of the below regions, or mandatory country law applies, then the following provisions apply to you:
- a) Australia. You have statutory guarantees under the Australian Consumer Law and nothing in this agreement is intended to affect those rights. b) Canada. If you acquired this software in Canada, you may stop receiving updates by turning off the automatic update feature, disconnecting your device from the Internet (if and when you re-connect to the Internet, however, the software will resume checking for and installing updates), or uninstalling the software. The product documentation, if any, may also specify how to turn off updates for your specific device or software. c) Germany and Austria.
- (i) Warranty. The software will perform substantially as described in any Microsoft materials that accompany it. However, Microsoft gives no contractual guarantee in relation to the software.

(ii) Limitation of Liability. In case of intentional conduct, gross negligence, claims based on the Product Liability Act, as well as in case of death or personal or physical injury, Microsoft is liable according to the statutory law.

Subject to the foregoing clause (ii), Microsoft will only be liable for slight negligence if Microsoft is in breach of such material contractual obligations, the fulfillment of which facilitate the due performance of this agreement, the breach of which would endanger the purpose of this agreement and the compliance with which a party may constantly trust in (so-called "cardinal obligations"). In other cases of slight negligence, Microsoft will not be liable for slight negligence

- 11. DISCLAIMER OF WARRANTY. THE SOFTWARE IS LICENSED "AS-IS." YOU BEAR THE RISK OF USING IT. MICROSOFT GIVES NO EXPRESS WARRANTIES, GUARANTEES OR CONDITIONS. TO THE EXTENT PERMITTED UNDER YOUR LOCAL LAWS, MICROSOFT EXCLUDES THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.
- 12. LIMITATION ON AND EXCLUSION OF REMEDIES AND DAMAGES. YOU CAN RECOVER FROM MICROSOFT AND ITS SUPPLIERS ONLY DIRECT DAMAGES UP TO U.S. \$5.00. YOU CANNOT RECOVER ANY OTHER DAMAGES, INCLUDING CONSEQUENTIAL, LOST PROFITS, SPECIAL, INDIRECT OR INCIDENTAL DAMAGES.

This limitation applies to (a) anything related to the software, services, content (including code) on third party Internet sites, or third party applications; and (b) claims for breach of contract, breach of warranty, quarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.

It also applies even if Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your state or country may not allow the exclusion or limitation of incidental, consequential or other damages.

### Microsoft HTML Help Workshop License 3.12

HTML Help End-User License Agreement Article 05/31/2018 7 minutes to read END-USER LICENSE AGREEMENT FOR MICROSOFT SOFTWARE

IMPORTANT-READ CAREFULLY: This Microsoft End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Microsoft Corporation for the Microsoft software product identified above, which includes computer software and associated media and printed materials, and may include "online" or electronic documentation ("SOFTWARE PRODUCT" or "SOFTWARE"). By installing, copying, or otherwise

using the SOFTWARE PRODUCT, you agree to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, do not install, copy, or use the SOFTWARE PRODUCT.

SOFTWARE PRODUCT LICENSE The SOFTWARE PRODUCT is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. The SOFTWARE PRODUCT is licensed, not sold.

GRANT OF LICENSE. This EULA grants you the following non-exclusive rights: \* Software Product. You may install and use the enclosed SOFTWARE PRODUCT on your computers to design, develop, and test help systems and Internet content ("Help").

- \* Sample Code. You may modify the sample source code located in the SOFTWARE PRODUCT's online help files to design, develop, and test your Help. You may also reproduce and distribute the Sample Code in object code form along with any modifications you make to the Sample Code, provided that you comply with the Distribution Requirements described below. For purposes of this section, "modifications" shall mean enhancements to the functionality of the Sample Code.
- \* Redistributable Code. The portions of the SOFTWARE PRODUCT identified as "hhupd.exe" is designated as "Redistributable Code." The Redistributable Code has been designed, developed and tested to run on Windows 95 and Windows NT and is intended to provide you with a way to redistribute Internet Explorer services such as HTML Help functionality. You may redistribute the Redistributable Code subject to the Distribution Requirements listed below and the following additional provisions: you may only permit installation of the Redistributable Code in the "passive mode" without making it the default browser and without adding the Internet icon to the desktop. If your redistribution and installation of the Redistibutable Code requires that you use the Internet icon on the desktop, or to use Internet Explorer as the default browser, you must sign up and accept the terms of the Internet Explorer License and Distribution Agreement located at: http://ieak.microsoft.com/release2/ licenseProducts.asp.
- \* Distribution Requirements. You may copy and redistribute the Sample Code and/or Redistributable Code (collectively "REDISTRIBUTABLE COMPONENTS") as described above, provided that (a) you distribute the REDISTRIBUTABLE COMPONENTS only in conjunction with, and as a part of, your Application; (b) your Application adds significant and primary functionality to the REDISTRIBUTABLE COMPONENTS; (c) you do not use Microsoft's name, logo, or trademarks to market your Application, except as expressly authorized by Microsoft in any other agreement; (d) you include a valid copyright notice on your Application; and (g) you agree to indemnify, hold harmless, and defend Microsoft from and against any claims or lawsuits, including attorneys' fees, that arise or result from the use or distribution of your Application. Microsoft reserves all rights not expressly granted to you.

COPYRIGHT. All rights, title, and copyrights in and to the SOFTWARE PRODUCT (including, but not limited to, any images, photographs, animations, video, audio, music, text, and "applets" incorporated into the SOFTWARE PRODUCT) and any copies of the SOFTWARE PRODUCT are owned by Microsoft or its suppliers. You may not copy the printed materials, if any, accompanying the SOFTWARE PRODUCT.

DESCRIPTION OF OTHER RIGHTS AND LIMITATIONS.

- \* Limitations on Reverse-Engineering, Decompilation, and Disassembly. You may not reverse- engineer, decompile, or disassemble the SOFTWARE PRODUCT, except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation.
- \* Rental. You may not rent or lease the SOFTWARE PRODUCT.
- \* Software Transfer. You may permanently transfer all of your rights under this EULA, provided you retain no copies, you transfer all of the SOFTWARE PRODUCT (including all component parts, the media and printed materials, any upgrades, this EULA, and, if applicable, the Certificate of Authenticity), and the recipient agrees to the terms of this EULA. If the SOFTWARE PRODUCT is an upgrade, any transfer must include all prior versions of the SOFTWARE PRODUCT.
- \* Termination. Without prejudice to any other rights, Microsoft may terminate this EULA if you fail to comply with the terms and conditions of this EULA. In such event, you must destroy all copies of the SOFTWARE PRODUCT and all of its component parts.

EXPORT RESTRICTIONS. You agree that neither you nor your customers intend to or will, directly or indirectly, export or transmit (a) the SOFTWARE PRODUCT or related documentation and technical data, or (b) your Application as described in Section 1 of this EULA (or any part thereof), or process, or service that is the direct product of the SOFTWARE PRODUCT to any country to which such export or transmission is restricted by any applicable U.S. regulation or statute, without the prior written consent, if required, of the Bureau of Export Administration of the U.S. Department of Commerce, or such other governmental entity as may have jurisdiction over such export or transmission.

U.S. GOVERNMENT RESTRICTED RIGHTS. The SOFTWARE PRODUCT and documentation are provided with RESTRICTED RIGHTS. Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (c)(1) (ii) of The Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 or subparagraphs (c)(1) and (2) of the Commercial Computer Software - Restricted Rights at 48 CFR 52.227-19, as applicable. Manufacturer is Microsoft Corporation/One Microsoft Way/ Redmond, WA 98052-6399. MISCELLANEOUS

If you acquired this product in the United States, this EULA is governed by the laws of the State of Washington.

If you acquired this product in Canada, this EULA is governed by the laws of the Province of Ontario, Canada. Each of the parties hereto irrevocably attorns to the jurisdiction of the courts of the Province of Ontario and further agrees to commence any litigation that may arise hereunder in the courts located in the Judicial District of York, Province of Ontario.

If this product was acquired outside the United States, local law may apply.

Should you have any questions concerning this EULA, or if you desire to contact Microsoft for any reason, please contact the Microsoft subsidiary serving your country, or write: Microsoft Customer Sales and Service/One Microsoft Way/Redmond, WA 98052-6399.

NO WARRANTIES. To the maximum extent permitted by applicable law, Microsoft expressly disclaims any warranty for the SOFTWARE PRODUCT. The SOFTWARE PRODUCT and any related documentation are provided "as is" without warranty of any kind, either express or implied, including, without limitation, the implied warranties of merchantability or fitness for a particular purpose. The entire risk arising out of use or performance of the SOFTWARE PRODUCT remains with you.

LIMITATION OF LIABILITY. Microsoft's entire liability and your exclusive remedy under this EULA shall not exceed five dollars (US\$5.00).

NO LIABILITY FOR CONSEQUENTIAL DAMAGES. To the maximum extent permitted by applicable law, in no event shall Microsoft or its suppliers be liable for any damages whatsoever (including, without limitation, damages for loss of business profit, business interruption, loss of business information, or any other pecuniary loss) arising out of the use of, or inability to use, this Microsoft product, even if Microsoft has been advised of the possibility of such damages. Because some states/jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitation may not apply to you.

Si vous avez acquis votre produit Microsoft au CANADA, la garantie limitée suivante vous concerne:

GARANTIE LIMITÉE EXCLUSION DE GARANTIES. Microsoft renonce entiérement á toute garantie pour le LOGICIEL. Le LOGICIEL et toute autre documentation s'y rapportant sont fournis « comme tels » sans aucune garantie quelle qu'elle soit, expresse ou implicite, y compris, mais ne se limitant pas aux garanties implicites de la qualité marchande ou un usage particulier. Le risque total découlant de l'utilisation ou de la performance du LOGICIEL est entre vos mains.

RESPONSABILITÉ LIMITÉE. La seule obligation de Microsoft et votre recours exclusif concernant ce contrat n'excéderont (US\$5.00).

ABSENCE DE RESPONSABILITÉ POUR LES DOMMAGES INDIRECTS. Microsoft ou ses fournisseurs ne pourront être tenus responsables en aucune circonstance de tout dommage quel qu'il soit (y compris mais non de façon limitative les dommages directs ou indirects causés par la perte de bénéfices commerciaux, l'interruption des affaires, la perte d'information commerciale ou toute autre perte pécuniaire) résultant de l'utilisation ou de l'impossibilité d'utilisation de ce produit, et ce, même si la société Microsoft a été avisée de l'éventualité de tels dommages. Certains états/juridictions ne permettent pas l'exclusion ou la limitation de responsabilité relative aux dommages indirects ou consécutifs, et la limitation ci-dessus peut ne pas s'appliquer á votre égard. La présente Convention est régie par les lois de la province d'Ontario, Canada. Chacune des parties á la Convention reconnaît irrévocablement la compétence des tribunaux de la province d'Ontario et consent á instituer tout litige qui pourrait découler de la Convention auprés des tribunaux situés dans le district judiciaire de York, province d'Ontario.

Au cas oú vous auriez des questions concernant cette licence ou que vous désiriez vous mettre en rapport avec Microsoft pour quelque raison que ce soit, veuillez contacter la succursale Microsoft desservant votre pays, dont l'adresse est fournie dans ce produit, ou écrire á: Microsoft Customer Sales and Service, One Microsoft Way, Redmond, Washington 98052-6399.

#### 3.13 **Microsoft Public License**

Microsoft Public License (Ms-PL)

This license governs use of the accompanying software. If you use the software, you accept this license. If you do not accept the license, do not use the software.

# 1. Definitions

The terms "reproduce," "reproduction," "derivative works," and "distribution" have the same meaning here as under U.S. copyright law. A "contribution" is the original software, or any additions or changes to the software.

A "contributor" is any person that distributes its contribution under this

"Licensed patents" are a contributor's patent claims that read directly on its contribution.

# 2. Grant of Rights

- A. Copyright Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free copyright license to reproduce its contribution, prepare derivative works of its contribution, and distribute its contribution or any derivative works that you create. B. Patent Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free license under its licensed patents to make, have made, use, sell, offer for sale, import, and/or otherwise dispose of its contribution in the software or derivative works of the contribution in the software.
- 3. Conditions and Limitations
- A. No Trademark License- This license does not grant you rights to use any contributors' name, logo, or trademarks.
- B. If you bring a patent claim against any contributor over patents that you claim are infringed by the software, your patent license from such contributor to the software ends automatically.
- C. If you distribute any portion of the software, you must retain all copyright, patent, trademark, and attribution notices that are present in the software.
- D. If you distribute any portion of the software in source code form, you may do so only under this license by including a complete copy of this license with your distribution. If you distribute any portion of the software in compiled or object code form, you may only do so under a license that complies with this license.
- E. The software is licensed "as-is." You bear the risk of using it. The contributors give no express warranties, quarantees or conditions. You may have additional consumer rights under your local laws which this license cannot change. To the extent permitted under your local laws, the contributors exclude the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

### 3.14 Microsoft Systems Journal Sample Code License

Microsoft Developer Agreement Last updated: June 2018

This agreement is between you and Microsoft Corporation ("Microsoft"), and consists of the terms below ("Developer Terms") and the Microsoft Privacy Statement (together, "Agreement").

If you are entering into this Agreement on behalf of an entity, such as your employer, you represent that you have the legal authority to bind that entity. If you specify a company name in connection with signing up for or ordering a Service, you will be deemed to have placed that order and to have entered into this Agreement on behalf of that organization or company. Key terms are defined in Section 10.

# 1. Offerings

APIs. Your access and use of Microsoft's APIs are governed by certain terms and conditions. As the developer, you're responsible for your application and compliance with all the laws and regulations applicable to your use of Microsoft's APIs, including those laws and regulations that apply to privacy, biometric data, data protection, and confidentiality of communications. Nothing in our governing agreements, or this Agreement, shall be construed as creating a joint controller or processor-sub processor relationship between you and Microsoft.

Accompanying Terms. Your use of Microsoft's APIs is governed by the terms under which you obtained access. If you access APIs that present accompanying terms ("Accompanying Terms"), then such Accompanying Terms, along with the Microsoft Privacy Statement, will apply to your access and use of the Service. In particular, the Microsoft Graph API is provided pursuant to the terms here.

Application Registration Portal. Certain identity focused Microsoft APIs will require that you register your application here. If you are required to register your application at the following URL, then you must comply with the following terms:

Register your application. Your applications must be registered and have an App ID that is unique to each application. Once you have successfully registered an application, you will be given Access Credentials for your application. "Access Credentials" means the necessary security keys, secrets, tokens, and other credentials to access identity focused Microsoft APIs. The Access Credentials enable us to associate your application with your use of the identity focused Microsoft APIs. All activities that occur using your Access Credentials are your responsibility. Access Credentials are non-transferable and non-assignable. Keep them secret. Do not try to circumvent them. In the event of a change of control, and subject to the acquiring company's compliance with all of the terms and conditions of the then current Graph API Terms, you may sell, assign, and transfer an application's App ID to an acquiring company, and such acquiring company may continue to use the App ID as part of the acquired application.

Governing Terms. Unless a particular service presents Accompanying Terms to govern your access to Microsoft APIs, your application's access to identity focused Microsoft APIs is governed by the then current Microsoft Graph API license terms, as currently available here ("Graph API Terms").

Services.

Right to use. We may grant you the right to access and use the Services in accordance with this Agreement.

Manner of use. You may not:

reverse engineer, decompile, disassemble or work around technical limitations in the Services, except to the extent that applicable law permits it despite these limitations;

disable, tamper with or otherwise attempt to circumvent any mechanism that limits your use of the Services;

rent, lease, lend, resell, transfer, or sublicense any Services or portion thereof to or for third parties, except as explicitly permitted herein or in license terms that accompany any Services component;

use the Services in a way prohibited by law, regulation, governmental order, or decree or by this Agreement;

use the Services in any manner that could damage, disable, overburden, or impair any Microsoft service, or the network(s) connected to any Microsoft service;

use the Services to violate the rights of others;

use the Services to try to gain unauthorized access to or disrupt any service, device, data, account or network;

use the Services to spam or distribute malware;

use the Services in a way that could harm the Services or impair anyone else's use of;

engage in activity that is fraudulent, false or misleading (e.g., asking for money under false pretenses, impersonating someone else, manipulating the Services to increase play count, or affect rankings, ratings, or comments).

scrape, build databases or otherwise create copies of any data accessed or obtained using the Services (including end users or their contacts), except as necessary to enable an intended usage scenario for your application;

use the Services in any application or situation where failure of the Services could lead to the death or serious bodily injury of any person, or to severe physical or environmental damage; or

help others break these rules.

Updates. Unless Microsoft otherwise specifies, Microsoft may make commercially reasonable changes to a Service or feature from time to time. Microsoft may further modify or terminate a Service in any country where Microsoft is subject to a government regulation, obligation or other requirement that (1) is not generally applicable to businesses operating

there, (2) presents a hardship for Microsoft to continue operating the Service without modification, or (3) causes Microsoft to believe these terms or the Service may conflict with any such requirement or obligation.

Preview features. We may make features available on a Preview basis. Previews are provided "AS-IS" and are excluded from warranties in Section 6 below. Previews may be subject to reduced or different security, compliance, privacy, availability, reliability, and support commitments, as further explained in the Privacy Statement, and any additional notices provided with the Preview. We may change or discontinue Previews at any time without notice. We also may choose not to release a Preview into "General Availability", and if we do make Previews "Generally Available" we may charge for any such features.

# 2. Software and Microsoft Content

Using Microsoft Software and Microsoft Content outside the Service. Microsoft may provide you with Microsoft Software or Microsoft Content through or as a part of the Services. Termination or suspension of this Agreement or of your use or access to the Services terminates your right to possess or use any such Microsoft Software or Microsoft Content unless separately licensed to you. The suspension or termination of a User Plan terminates that user's right to possess or use any such Microsoft Software or Microsoft Content associated with, or contingent upon that User Plan. You must delete all copies of such Microsoft Software or Microsoft Content licensed under this Agreement and destroy any associated media upon the termination of the associated possession or usage rights. This subsection does not apply to Microsoft Software addressed in subsection (b) below.

Software and Content on Documentation Portals. Third-party software and Content accessible on the Documentation Portals is made available by the designated publisher under the associated license terms.

Scope of rights. All Microsoft Software and Microsoft Content are the copyrighted works of Microsoft or its suppliers are licensed not sold and may not be transferred unless specified otherwise.

Third-party software or Content. You are solely responsible for any thirdparty software or Content that you install, connect, or use with any Service. We will not run or make any copies of such third-party software or Content outside of our relationship with you. You may only install or use any third-party software or Content with any Service in a way that does not subject our intellectual property or technology to any terms governing such software or Content. We are not a party to and are not bound by any terms governing your use of any third-party software or Content. We do not grant any licenses or rights, express or implied, to such third-party software or Content.

Open source software as part of the Service. If the Service uses or distributes any third-party software with open source software license terms ("Open Source"), then such Open Source is licensed to you under the applicable open source terms. Copies of those applicable Open Source licenses and any other notices, if any, are included for your information only.

Classroom Use. Accredited educational institutions, such as K-12 schools, universities, and private or public colleges may download and reproduce Microsoft Content for distribution in the classroom for educational purposes.

# 3. Security and privacy

Security. We maintain technical and organizational measures, internal controls, and data security routines intended to protect User Data against accidental loss or change, unauthorized disclosure or access, or unlawful destruction.

Compliance with applicable laws; deletion of Personal Data

You must comply with all laws and regulations applicable to your use of the Services and all data and Content accessed through the Services including without limitation, laws related to privacy, biometric data, data protection, and confidentiality of communications.

Your use of the Services and Content is conditioned upon implementing and maintaining appropriate protections and measures for your service and application, and that includes your responsibility to the data obtained through the use of the Services.

You must: (a) implement and maintain privacy protections and measures in your products and services, including obtaining necessary consents prior to use of data (and obtain additional consent prior to changing use or purpose of data), and proper data retention periods, (b) comply with applicable notification requirements, (c) maintain and comply with a written privacy policy that describes your privacy practices regarding data and information you collect and use, and which is at least as protective of users as the Privacy Statement, (d) include an accessible link to your privacy policy within your application, and in any app store that so allows, and (e) obtain consent from end users that is sufficient for the purposes of your agreement with the end user prior to giving us information that you independently collected from them.

In addition to complying with your obligations under applicable law (including General Data Protection Regulation (GDPR) (EU) 2016/679) you will use current data. You may keep your data current by regularly refreshing the data, interfacing with a Microsoft API or Microsoft tool to maintain current data, or other processes that ensure changes to Microsoft data are accurately reflected.

Except as otherwise set forth herein, you will promptly delete all data and Content collected or processed through the Services, when: (a) a user abandons your application, uninstalls your application, closes their account with you, or otherwise abandons the account, or (b) you cease use of the Services. You may, however, keep aggregated data, provided that no information identifying a specific person could be inferred or created from such data and such actions otherwise comply with this Agreement and applicable law.

Unless you have a lawful basis for retaining Personal Data (as defined in the GDPR), you must delete all Personal Data accessed or processed through the Services within 30 days of receiving the data.

Compliance with law. We will comply with all laws applicable to our provision of the Services, including applicable security breach notification laws, but not including any laws applicable to you or your industry that are not generally applicable to information technology services providers. You will comply with all laws applicable to your User Data, and use of the Services, including any laws applicable to you or your industry.

Certifications and compliance. The Developer Services shall be subject to any security, privacy, and compliance practices specifically described for the Developer Services. These obligations do not apply to any other elements of the Services.

Monitoring; Audit. We may monitor your access and use of the Services (including applicable products and services, website, Content, and data) for purposes of monitoring your compliance with this Agreement. Further, your access and use of the Services and for five years after, you must, upon reasonable notice from Microsoft, permit Microsoft or its auditor, at Microsoft's cost, to conduct audits in connection with your use of the Services, to verify that your compliance with this Agreement. You must give Microsoft reasonable access to any personnel, premises, information, systems, books, and records relating to your use of the Services to enable Microsoft to conduct the audit. If requested, you must provide us with proof of your compliance with this Agreement.

4. Customer accounts, customer conduct, and feedback Account creation. If any of the Services requires you to open an account, you must complete the registration process by providing us with current, complete and accurate information. You may not select an account user name or identifier that impersonates someone else, is or may be illegal, or may be protected by trademark or other proprietary rights, is vulgar or offensive or may cause confusion. We reserve the right to reject and/or reassign these user names and Service identifiers in our sole discretion.

Responsibility for your accounts. You are responsible for: any and all activities that occur under your account; maintaining the confidentiality of any non-public authentication credentials associated with your use of the Services; and promptly notifying our customer support team about any possible misuse of your accounts or authentication credentials, or any security incident related to the Services.

Your conduct and the availability of third-party content and links to third-party content. We have no obligation to monitor the content and communications of third parties on the Services; however, we reserve the right to review and remove any such materials posted to the Documentation Portals in our sole discretion. Third parties that participate on the Services are not authorized Microsoft spokespersons, and their views do not necessarily reflect those of Microsoft.

Submissions and feedback. We do not claim ownership of any Submission unless otherwise agreed to by the parties. However, by providing a Submission, you are irrevocably granting Microsoft and its affiliates the right to make, use, modify, distribute and otherwise commercialize the Submission in any way and for any purpose (including by granting the general public the right to use your Submissions in accordance with this Agreement, which may change over time). For Submissions provided to the Documentation Portals you further grant the right to publish specific identifying information detailed in the Privacy Statement in connection with your Submission. These rights are granted under all applicable intellectual property rights you own or control. No compensation will be paid with respect to the use of your Submissions. Microsoft is under no obligation to post or use any Submission, and Microsoft may remove any Submission at any time. By providing a Submission you warrant that you own or otherwise control all of the rights to your Submission and that your Submission is not subject to any rights of a third-party (including any personality or publicity rights of any person).

# 5. Termination and suspension

Your termination. You may terminate this Agreement at any time. If you have purchased access to Services through Microsoft Azure then you must pay any amounts due and owing.

Microsoft termination. We may terminate this Agreement, any rights granted herein, or your license to the Services, in our sole discretion at any time, for any reason.

Suspension. We may suspend or terminate your use of the Services if: (1) reasonably needed to prevent unauthorized access to User Data; (2) you fail to respond to a claim of alleged infringement within a reasonable time; or (3) you violate, or we reasonably suspect you have violated, this Agreement. We will attempt to suspend access to the minimum necessary part of the Services while the condition or need exists. We will give notice before we suspend or terminate, except where we reasonably believe we need

to suspend or terminate immediately. If you do not fully address the reasons for the suspension within 60 days after we suspend, we may terminate this Agreement and delete your User Data without any retention period.

Termination for non-usage. We may suspend or terminate a Service account after a prolonged period of inactivity or for failing to respond to Microsoft communications. For Services, if you have a free account we may terminate this Agreement and/or delete any User Data automatically generated during the Services sign up process if you fail to upload or create any User Data within 90 days of your initial provisioning of the Service. We will provide you with notice prior to any account suspension or termination, or User Data deletion.

## 6. Warranties

EXCEPT AS WARRANTED IN ACCOMPANYING TERMS, MICROSOFT AND ITS RESPECTIVE SUPPLIERS PROVIDE THE SERVICES (INCLUDING THE MICROSOFT CONTENT AND MICROSOFT SOFTWARE) "AS IS," "WITH ALL FAULTS" AND "AS AVAILABLE." YOU BEAR THE RISK OF USING IT. WE PROVIDE NO WARRANTIES, GUARANTEES OR CONDITIONS, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. YOU MAY HAVE ADDITIONAL RIGHTS UNDER YOUR LOCAL LAWS WHICH THIS AGREEMENT CANNOT CHANGE. THESE DISCLAIMERS WILL APPLY TO THE FULLEST EXTENT PERMITTED UNDER APPLICABLE LAW, INCLUDING APPLICATION TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.

Third-party content and materials. MICROSOFT DOES NOT CONTROL, REVIEW, REVISE, ENDORSE, OR ACCEPT RESPONSIBILITY FOR ANY THIRD-PARTY CONTENT, INFORMATION, MESSAGES, MATERIALS, PROJECTS ACCESSIBLE FROM OR LINKED THROUGH THE SERVICES, AND, EXCEPT AS WARRANTED IN A SEPARATE AGREEMENT, MICROSOFT MAKES NO REPRESENTATIONS OR WARRANTIES WHATSOEVER ABOUT AND SHALL NOT BE RESPONSIBLE FOR ANY OF THE FOREGOING. ANY DEALINGS YOU MAY HAVE WITH SUCH THIRD PARTIES ARE AT YOUR OWN RISK.

# 7. Defense of claims

Defense. We will defend you against any claims made by an unaffiliated third-party that the Services or Software infringe its patent, copyright or trademark or makes unlawful use of its trade secret. You will defend us against any claims made by an unaffiliated third-party arising from (1) your misuse or your end user's misuse of the Services, Microsoft Content, or Microsoft Software; (2) your violation or your end user's violation of this Agreement; (3) any Content or data routed into or used with the Services, those acting on your behalf, or your end users.

Limitations. Our obligations in Section 7.1 will not apply to a claim or award based on: (1) User Data, Non-Microsoft Product, modifications you make to the Services, or materials you provide or make available as part of using the Services; (2) your combination of the Services with, or damages based upon the value of, a Non-Microsoft Product, data or business process;

(3) your use of a Microsoft trademark without our express written consent, or your use of the Services after we notify you to stop due to a thirdparty claim; or (4) your redistribution of the Services to, or use for the benefit of, any unaffiliated third-party.

Remedies. If we reasonably believe that a claim under Section 7.1 may bar your use of the Services or Software, we will seek to: (1) obtain the right for you to keep using it; or (2) modify or replace it with a functional equivalent. If these options are not commercially reasonable, we may terminate your rights to use the Services or Software.

Obligations. Each party must notify the other promptly of a claim under this Section 7. The party seeking protection must (1) give the other sole control over the defense and settlement of the claim; and (2) give reasonable help in defending the claim. The party providing the protection will (1) reimburse the other for reasonable out-of-pocket expenses that it incurs in giving that help and (2) pay the amount of any resulting adverse final judgment (or settlement that the other consents to). The parties' respective rights to defense and payment of judgments or settlements under this Section 7 are in lieu of any common law or statutory indemnification rights or analogous rights, and each party waives such common law rights.

## 8. Limitation of liability

Limitation. The aggregate liability of each party under this Agreement is limited to direct damages up to the amount paid under this Agreement for the Developer Services giving rise to that liability during the 12 months before the liability arose, or for Services provided free of charge, Five Hundred United States dollars (\$500.00 USD).

EXCLUSION. NEITHER PARTY, NOR ITS SUPPLIERS WILL BE LIABLE FOR LOSS OF REVENUE, LOST PROFITS, OR INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR EXEMPLARY DAMAGES, EVEN IF THE PARTY KNEW THEY WERE POSSIBLE.

Exceptions to Limitations. The limits of liability in this Section 8 apply to the fullest extent permitted by applicable law, but do not apply to: (1) the parties' obligations under Section 7; or (2) breach of Sections 3.2 -3.4 or violation of the other's intellectual property rights.

# 9. Miscellaneous

Reservation of Rights. All rights not expressly granted herein are reserved by Microsoft. You acknowledge that all intellectual property rights within the Services remain the property of Microsoft and nothing within this Agreement will act to transfer any of these intellectual property rights to you.

Notices. You must send notices by mail to: Microsoft One Microsoft Way Redmond, WA 98052 USA

You agree to receive electronic notices from us related to the Services, which will be sent by email to your specified end user or administrator contact information or presented to you in the Service experience. You must keep your contact information updated. Notices are effective on the date on the return receipt for mail, the date sent for email, and the date presented if within the Service experience.

Assignment and Delegation. You may not assign or delegate any rights or obligations under this Agreement either in whole or in part, including in connection with a change of control, except for an App ID, as set forth Section in 1.1. Any purported assignment and delegation by you shall be ineffective. We may freely assign or delegate all rights and obligations under this Agreement, fully or partially without notice to you.

Severability. If any part of this agreement is held unenforceable, the rest remains in full force and effect.

No Waiver. Failure to enforce any provision of this agreement will not constitute a waiver.

No agency. We are independent contractors. This agreement does not create an agency, partnership or joint venture.

No third-party beneficiaries. There are no third-party beneficiaries to this agreement.

Applicable law and venue. If you live in (or, if a business, your principal place of business is in) the United States, the laws of the state where you live (or, if a business, where your principal place of business is located) govern all claims, regardless of conflict of laws principles, except that the Federal Arbitration Act governs all provisions relating to arbitration. You and we irrevocably consent to the exclusive jurisdiction and venue of the state or federal courts in King County, Washington, for all disputes arising out of or relating to these Terms or the Services that are heard in court (excluding arbitration and small claims court).

Entire agreement. This agreement is the entire agreement concerning its subject matter and supersedes any prior or concurrent communications.

Survival. 1.2, 2.3-2.6, 3.2, 3.5, 4.2, 4.4, 5, 6, 7, 8, 9, and 10, and all other definitions.

U.S. export jurisdiction. The Services are subject to U.S. export jurisdiction. You must comply with all applicable laws, including the U.S. Export Administration Regulations, the International Traffic in Arms Regulations, and end-user, end-use and destination restrictions issued by U.S. and other governments. For additional information, see Exporting Microsoft Products.

International availability. Availability of the Services, including specific features and language versions, varies by country.

Force majeure. Neither party will be liable for any failure in performance due to causes beyond its reasonable control (such as fire, explosion, power blackout, earthquake, flood, severe storms, strike, embargo, labor disputes, acts of civil or military authority, war, terrorism including cyber terrorism), acts of God, acts or omissions of Internet traffic carriers, actions or omissions of regulatory or governmental bodies (including the passage of laws or regulations or other acts of government that impact the delivery of Services).

Modifications. We may modify this agreement at any time with or without individual notice to you by posting a revised version on the legal information section of the Developer Services and Documentation Portals (or an alternate site we identify), or by notifying you in accordance with Section 9.b. Any modifications will be effective upon notice to you or posting. Your use of the Services after the changes become effective means you agree to the modifications to the Agreement. If you do not agree to the new Agreement, you must stop using the Services.

## 10. Definitions

"Content" means documents, photographs, videos, data, and other graphical, textual, or audio-visual content.

"Developer Services" means services we identify as governed by this Agreement.

"Developer Software" means Microsoft software we provide to you as part of the Developer Services for use with the Developer Services.

"Documentation Portals" means the site available at http:// msdn.microsoft.com, http://technet.microsoft.com, /, https:// developer.microsoft.com, or at alternate sites we identify.

"Microsoft Content" means Content on the Services provided by Microsoft and its suppliers.

"Microsoft Software" means Microsoft software and computer code, including sample code and Developer Software.

"Non-Microsoft Product" is any software, data, service, website or other product licensed, sold or otherwise provided to you by an entity other than us, whether you obtained it via our Services or elsewhere.

"Offer Details" means the pricing and related terms applicable to paid Developer Services.

"Preview" means preview, beta, or other pre-release versions of the Developer Services or Developer Software offered by Microsoft.

"Services" means the Developer Services, Documentation Portals, and Microsoft Software we make available to you under this Agreement.

"Submissions" means Content, code, comments, feedback, suggestions, information or materials that you provide via the Documentation Portals or any Services for public access (rather than for your personal use or use by your authorized users). Submissions do not include User Data.

"User Plan" means a per-user based subscription, trial, or other Microsoft granted benefit that permits access to and account services for the Developer Services.

"we" and "us" means Microsoft.

"you" and "your" means the person or entity accepting this Agreement to use the Services.

#### 3.15 **MIT License**

The MIT License (MIT)

Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

#### Mozilla Public license - v.1.1 3.16

MOZILLA PUBLIC LICENSE Version 1.1

- 1 Definitions
- 1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.
- 1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.
- 1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.
- 1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.
- 1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.
- 1.5. "Executable" means Covered Code in any form other than Source Code.
- 1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.
- 1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.
- 1.8. "License" means this document.
- 1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.
- 1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:
- A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.
- B. Any new file that contains any part of the Original Code or previous Modifications. 1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.
- 1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

- 1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.
- 1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

# 2. Source Code License.

- 2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:
- (a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and
- (b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).
- (c) the licenses granted in this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.
- (d) Notwithstanding Section 2.1(b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices. 2.2. Contributor Grant. Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license
- (a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and
- (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

- (c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code.
- (d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.
- 3. Distribution Obligations.
- 3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.
- 3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.
- 3.3. Description of Modifications. You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.
- 3.4. Intellectual Property Matters
- (a) Third Party Claims. If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and

shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs. If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file. (c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4(a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

- 3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.
- 3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.
- 3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

- 6. Versions of the License.
- 6.1. New Versions. Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.
- 6.2. Effect of New Versions. Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.
- 6.3. Derivative Works. If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)
- 7. DISCLAIMER OF WARRANTY. COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER. 8. TERMINATION.

- 8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.
- 8.2. If You initiate litigation by asserting a patent infringement claim (excluding declatory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:
- (a) such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.
- (b) any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.
- 8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.
- 8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.
- 9. LIMITATION OF LIABILITY. UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT

APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU. 10. U.S. GOVERNMENT END USERS.

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

# 11. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

# 12. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

# 13. MULTIPLE-LICENSED CODE.

Initial Developer may designate portions of the Covered Code as Multiple-Licensed. Multiple-Licensedmeans that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

# EXHIBIT A -Mozilla Public License.

`The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.mozilla.org/MPL/

Software distributed under the License is distributed on an "AS I	S" basis, WITHOUT		
WARRANTY OF ANY KIND, either express or implied. See the Lice	nse for the specific language		
governing rights and limitations under the License.			
The Original Code is			
The Initial Developer of the Original Code is	Portions created by		
are Copyright (C)	All Rights Reserved.		
Contributor(s):			
Alternatively, the contents of this file may be used under the term	ns of the license (the		
[] License), in which case the provisions of [] License are	e applicable instead of those		
above. If you wish to allow use of your version of this file only un-	der the terms of the []		
License and not to allow others to use your version of this file un	der the MPL, indicate your		
decision by deleting the provisions above and replace them with $% \left( 1\right) =\left( 1\right) \left( $	the notice and other		
provisions required by the $[\_\_]$ License. If you do not delete the	provisions above, a recipient		
may use your version of this file under either the MPL or the []	License."		
[NOTE: The text of this Exhibit A may differ slightly from the text $% \left( 1\right) =\left( 1\right) \left( 1\right)$	of the notices in the Source		
Code files of the Original Code. You should use the text of this Ex	xhibit A rather than the text		
found in the Original Code Source Code for Your Modifications.]			

#### 3.17 OpenSSL license

# LICENSE ISSUES

\_\_\_\_\_

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.

See below for the actual license texts.

OpenSSL License	
/	==

Copyright (c) 1998-2017 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. All advertising materials mentioning features or use of this software must display the following acknowledgment:
- "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
- 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact openssl-core@openssl.org.
- 5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
- 6. Redistributions of any form whatsoever must retain the following acknowledgment: "This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT ORITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT. INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO. PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES: LOSS OF USE. DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\_\_\_\_\_\_

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

# Original SSLeay License

\_\_\_\_\_

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.

This package is an SSL implementation written by Eric Young (eay@cryptsoft.com).

The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long asthe following conditions are aheared to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, Ihash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed.

If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used. This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
- "This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)" The word 'cryptographic' can be left out if the rouines from the library being used are not cryptographic related :-).
- 4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)" THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,

INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution licence [including the GNU Public Licence.]

# 3.18 RSA Message-Digest License

RSA Data Security

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

# 3.19 zlib-license

The zlib/libpng License
Copyright (c) <year> <copyright holders>

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

- 1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
- 2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

# **Bosch Security Systems B.V.**

Torenallee 49 5617 BA Eindhoven Netherlands

# www.boschsecurity.com

© Bosch Security Systems B.V., 2022

Building solutions for a better life.

202209160052