

Список сторонних компонентов, использованных при разработке программного обеспечения
Система контроля и управления доступом «Senesys-M»

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
1.	@hello-pangea/dnd	Apache-2.0	Copyright 2021 Gabriel Santerre	https://github.com/hello-pangea/dnd/blob/main/LICENSE
2.	@tanstack/react-query	MIT	Copyright (c) 2021-present Tanner Linsley	https://github.com/TanStack/query/blob/main/LICENSE
3.	@tanstack/react-query-devtools	MIT	Copyright (c) 2021-present Tanner Linsley	https://github.com/TanStack/query/blob/main/LICENSE
4.	antd	MIT	Copyright (c) 2015-present Ant UED	https://github.com/ant-design/ant-design/blob/master/LICENSE
5.	axios	MIT	Copyright (c) 2014-present Matt Zabriskie & Collaborators	https://github.com/axios/axios/blob/v1.x/LICENSE
6.	clsx	MIT	Copyright (c) Luke Edwards	https://github.com/lukeed/clsx/blob/master/license

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
7.	dayjs	MIT	Copyright (c) 2018-present, iamkun	https://github.com/iamkun/dayjs/blob/dev/LICENSE
8.	imask	MIT	Copyright (c) 2016 uNmAnNeR	https://github.com/uNmAnNeR/imask/blob/master/LICENSE
9.	jwt-decode	MIT	Copyright (c) 2015 Auth0, Inc.	https://github.com/auth0/jwt-decode/blob/main/LICENSE
10.	lodash.debounce	MIT	Copyright JS Foundation and other contributors	https://github.com/lodash/lodash/blob/main/LICENSE
11.	react	MIT	Copyright (c) Meta Platforms*, Inc. and affiliates.	https://github.com/facebook/react/blob/main/LICENSE
12.	react-dom	MIT	Copyright (c) Meta Platforms*, Inc. and affiliates.	https://github.com/facebook/react/blob/main/LICENSE
13.	react-imask	MIT	Copyright (c) 2016 uNmAnNeR	https://github.com/uNmAnNeR/imask/blob/master/packages/react-imask/LICENSE

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
14.	react-router-dom	MIT	Copyright (c) Shopify Inc. 2022-2023	https://github.com/remix-run/react-router/blob/main/LICENSE.md
15.	uuid	MIT	Copyright (c) 2010-2020 Robert Kieffer and other contributors	https://github.com/uuidjs/uuid?tab=MIT-1-ov-file#readme
16.	virtuallist-antd	MIT	Copyright (c) 2019-present crawler-django	https://github.com/crawler-django/virtuallist-antd/blob/master/LICENSE
17.	vite-plugin-svgr	MIT	Copyright (c) 2021 Rongjian Zhang	https://github.com/pd4d10/vite-plugin-svgr/blob/main/LICENSE
18.	zustand	MIT	Copyright (c) 2019 Paul Henschel	https://github.com/pmndrs/zustand/blob/main/LICENSE
19.	Asp.Versioning.Mvc	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/aspnet-api-versioning/blob/main/LICENSE.txt

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
20.	Asp.Versioning.Mvc.ApiExplorer	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/aspnet-api-versioning/blob/main/LICENSE.txt
21.	Microsoft.Extensions.Logging.Abstractions	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
22.	Microsoft.Extensions.Configuration.Abstractions	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
23.	Microsoft.Extensions.Configuration.Binder	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
24.	Microsoft.Extensions.DependencyInjection.Abstractions	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
25.	System.IO.Hashing	MIT	Copyright (c) .NET Foundation and Contributors. All rights reserved.	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
26.	coverlet	MIT	Copyright (c) 2018 Toni Solarin-Sodara	https://github.com/coverlet-coverage/coverlet/blob/master/LICENSE
27.	NUnit	MIT	Copyright (c) 2024 Charlie Poole, Rob Prouse	https://github.com/nunit/nunit/blob/main/LICENSE.txt
28.	NUnit.Analyzers	MIT	Copyright (c) 2024 Charlie Poole, Rob Prouse	https://github.com/nunit/nunit/blob/main/LICENSE.txt
29.	NUnit3TestAdapter	MIT	Copyright (c) 2024 Charlie Poole, Rob Prouse	https://github.com/nunit/nunit/blob/main/LICENSE.txt
30.	Microsoft.AspNetCore.WebSockets	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
31.	System.IdentityModel.Tokens.Jwt	MIT	Copyright:© Microsoft Corporation. All rights reserved	https://nuget.info/packages/System.IdentityModel.Tokens.Jwt/
32.	Microsoft.AspNetCore.Mvc	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt
33.	System.ServiceModel.Duplex	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/wcf/blob/main/LICENSE.TXT
34.	System.ServiceModel.Federation	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/wcf/blob/main/LICENSE.TXT
35.	System.ServiceModel.Http	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/wcf/blob/main/LICENSE.TXT

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
36.	System.ServiceModel.NetTcp	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/wcf/blob/main/LICENSE.TXT
37.	System.ServiceModel.Security	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/wcf/blob/main/LICENSE.TXT
38.	Microsoft.Extensions.Caching.Memory	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://licenses.nuget.org/MIT
39.	SoapCore	MIT	-	https://github.com/DigDes/SoapCore/blob/develop/LICENSE
40.	Microsoft.Extensions.Hosting	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://licenses.nuget.org/MIT

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
41.	Hangfire.InMemory	LGPL v3	Copyright © 2013-2024 Hangfire OÜ.	https://github.com/HangfireIO/Hangfire.InMemory/blob/main/LICENS E.md
42.	Hangfire	LGPL v3	Copyright © 2020 Hangfire OÜ.	https://github.com/HangfireIO/Hangfire/blob/main/LICENSE.md
43.	Hangfire.MemoryStorage	LGPL v3	Copyright © 2020 Hangfire OÜ.	https://github.com/HangfireIO/Hangfire.InMemory/blob/main/LICENS E.md
44.	Hangfire.Core	LGPL v3	Copyright © 2020 Hangfire OÜ.	https://github.com/HangfireIO/Hangfire/blob/main/LICENSE.md
45.	Hangfire.AspNetCore	MIT	Copyright (c) 2016 Hangfire	https://github.com/HangfireIO/Hangfire.AspNetCore/blob/main/LICENSE
46.	FluentValidation	Apache-2.0	Opensource Collective	https://github.com/FluentValidation/FluentValidation/blob/main/License.txt
47.	FluentValidation.AspNetCore	Apache-2.0	Opensource Collective	https://github.com/FluentValidation/FluentValidation.AspNetCore/blob/main/License.txt

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
48.	Microsoft.AspNetCore.Authentication.JwtBearer	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt
49.	Microsoft.AspNetCore.Mvc.Versioning.ApiExplorer	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt
50.	Microsoft.EntityFrameworkCore.Design	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
51.	Microsoft.EntityFrameworkCore.Tools	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/efcore/blob/main/LICENSE.txt
52.	Swashbuckle.AspNetCore	MIT	Copyright (c) 2016 Richard Morris	https://github.com/domaindrivendev/Swashbuckle.AspNetCore/blob/master/LICENSE

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
53.	Swashbuckle.AspNetCore.Annotations	MIT	Copyright (c) 2016 Richard Morris	https://github.com/domaindrivendev/Swashbuckle.AspNetCore/blob/master/LICENSE
54.	Unchase.Swashbuckle.AspNetCore.Extensions	Apache-2.0	Copyright 2019 Nikolay Chebotov (Unchase)	https://github.com/unchase/Unchase.Swashbuckle.AspNetCore.Extensions/blob/master/LICENSE
55.	Microsoft.Extensions.Options.ConfigurationExtensions	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
56.	Microsoft.Extensions.Identity.Stores	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
57.	Microsoft.EntityFrameworkCore.Relational	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
58.	Castle.Core	Apache-2.0	Copyright 2004-2021 Castle Project	https://github.com/castleproject/Core/blob/master/LICENSE
59.	CsvHelper	Apache 2.0	JoshClose	https://github.com/JoshClose/CsvHelper/blob/master/LICENSE.txt

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
60.	MassTransit	Apache 2.0	Copyright 2024 Chris Patterson	https://github.com/MassTransit/MassTransit/blob/develop/LICENSE
61.	MassTransit.RabbitMQ	Apache 2.0	Copyright 2024 Chris Patterson	https://github.com/MassTransit/MassTransit/blob/develop/LICENSE
62.	MassTransit.EntityFrameworkCore	Apache 2.0	Copyright 2024 Chris Patterson	https://github.com/MassTransit/MassTransit/blob/develop/LICENSE
63.	Microsoft.AspNetCore.Identity	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt
64.	Microsoft.AspNetCore.Identity.EntityFrameworkCore	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt
65.	Npgsql.EntityFrameworkCore.PostgreSQL	PostgreSQL	Portions Copyright (c) 1996-2010, The PostgreSQL Global Development Group, Portions Copyright (c) 1994,	https://licenses.nuget.org/PostgreSQL

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
			The Regents of the University of California	
66.	Scrutor	MIT	Copyright (c) 2015 Kristian Hellang	https://github.com/khellang/Scrutor/blob/master/LICENSE
67.	Microsoft.Extensions.Configuration	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
68.	Microsoft.Extensions.DependencyInjection	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
69.	Minio	GNU AGPLv3	(C) 2015-2023 MinIO, Inc.	https://github.com/minio/minio/blob/master/LICENSE
70.	Minio.AspNetCore	MIT	Copyright (c) 2021 AppAny	https://github.com/appany/Minio.AspNetCore/blob/main/LICENSE
71.	Minio.AspNetCore.HealthChecks	MIT	Copyright (c) 2021 AppAny	https://github.com/appany/Minio.AspNetCore/blob/main/LICENSE

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
72.	Microsoft.Extensions.Http.Polly	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
73.	Microsoft.Extensions.Options	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
74.	Refit	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/reactiveui/refit/blob/main/LICENSE
75.	Refit.HttpClientFactory	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/reactiveui/refit/blob/main/LICENSE
76.	Refit.Newtonsoft.Json	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/reactiveui/refit/blob/main/LICENSE
77.	Microsoft.AspNetCore.Mvc.Versioning	MIT	Copyright (c) .NET Foundation and contributors. All rights reserved.	https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
78.	Microsoft.Extensions.Http	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
79.	Serilog.AspNetCore	Apache-2.0	Авторы	https://github.com/serilog/serilog-aspnetcore/blob/dev/LICENSE
80.	Serilog.Enrichers.Demystifier	Apache-2.0	Авторы	https://github.com/Megasware128/serilog-enrichers-demystifier/blob/main/LICENSE
81.	Serilog.Exceptions	MIT	Copyright (c) 2015 Muhammad Rehan Saeed	https://github.com/RehanSaeed/Serilog.Exceptions/blob/main/LICENSE.md
82.	Stateless	Apache-2.0	Copyright 2015 Nicholas Blumhardt	https://github.com/dotnet-state-machine/stateless/blob/dev/LICENSE
83.	Microsoft.AspNetCore.Http.Abstractions	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/aspnetcore/blob/main/LICENSE.txt
84.	Microsoft.NET.Test.Sdk	MIT	Copyright (c) Microsoft Corporation	https://github.com/microsoft/vstest/blob/main/LICENSE

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
85.	Moq	BSD-3-clause	Авторы	https://github.com/devlooped/moq/blob/main/License.txt
86.	xunit	Apache-2.0	Copyright (c) .NET Foundation and Contributors	https://github.com/xunit/xunit/blob/main/LICENSE
87.	xunit.runner.console	Apache-2.0	Copyright (c) .NET Foundation and Contributors	https://licenses.nuget.org/Apache-2.0
88.	xunit.runner.visualstudio	Apache-2.0	Copyright (c) .NET Foundation and Contributors	https://licenses.nuget.org/Apache-2.0
89.	.NET	MIT	.NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT
90.	C#	-	Copyright 1999-2017 Microsoft Corporation	<p>Спецификация языка: https://github.com/dotnet/csharplang/blob/main/spec/LICENSE.md</p> <p>Реализация в .NET (используемая)</p>

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
				нами): компилятор Roslyn : MIT/X11
91.	Docker (Docker Engine обеспечивающий запуск контейнеров)	Apache-2.0	Moby project maintainers and community members	https://github.com/moby/moby/blob/master/LICENSE
92.	Docker Compose	Apache-2.0	Авторы	https://github.com/docker/compose/blob/main/LICENSE
93.	Keycloak	Apache-2.0	Авторы	https://github.com/keycloak/keycloak/blob/main/LICENSE.txt
94.	NginX	BSD-2-Clause	Copyright (C) 2002-2021 Igor Sysoev, Copyright (C) 2011-2023 Nginx, Inc.	https://github.com/nginx/nginx/blob/master/docs/text/LICENSE (лицензия на github "зеркале" репозитория https://hg.nginx.org/nginx/)
95.	Node.js	MIT	Copyright Node.js contributors & Copyright Joyent, Inc. and other Node contributors	https://github.com/nodejs/node/blob/main/LICENSE

№ п/п	Наименование компонента	Тип лицензии	Правообладатель	Ссылка на текст лицензии
96.	Npgsql	PostgreSQL	Portions Copyright (c) 1996-2010, The PostgreSQL Global Development Group, Portions Copyright (c) 1994, The Regents of the University of California	https://licenses.nuget.org/PostgreSQL
97.	Microsoft.NET.Sdk	MIT	Copyright (c) .NET Foundation and Contributors	https://github.com/dotnet/runtime/blob/main/LICENSE.TXT