Movicon.next™

Product Codes
2022 - Version 4.1

International Edition | Effective from January 1st 2022

License types:

Type	Description
EDITOR	Editor license to develop any application. Includes Runtime for 2 hours and a 1-year Basic Service Agreement.
HMI/SCADA	Client/Server runtime license for SCADA/HMI supervision systems. It includes the Drivers "Basic" package, that allows the communication with the most common PLC.
HMI OEM	HMI Client/Server runtime license for machine builders
WEB HMI	WEB HMI runtime license for entry level systems based on a Movicon I/O Data Server and Web HMTL5 visualization.
CLIENT	CLIENT only runtime license, for any Movicon Server, or any other OPC UA server
WEB CLIENT	Server option for remote access to the project via browsers or APP. The Web Client does not need a local license. The Web Server application can be licensed also on a machine separate from the I/O Server and allows connection to a third-party OPC UA Server
SERVER	SERVER only runtime license for distributed applications, without local HMI interface but, connectable to any CLIENT or WEB CLIENT

The license size is expressed in number of Tags (Variables):

TAG means any variable "**connected to the field**" being any bit, byte, word, float and double/long 64bit, even when defined as a member within a structure or array type variable. Single bits inside byte, word or other variable types can be pointed to individually. Please note that:

1. **Each member of Structure and Array variable types count as one Tag.**
2. **Internal Tags (not connected to the field) are not counted.**
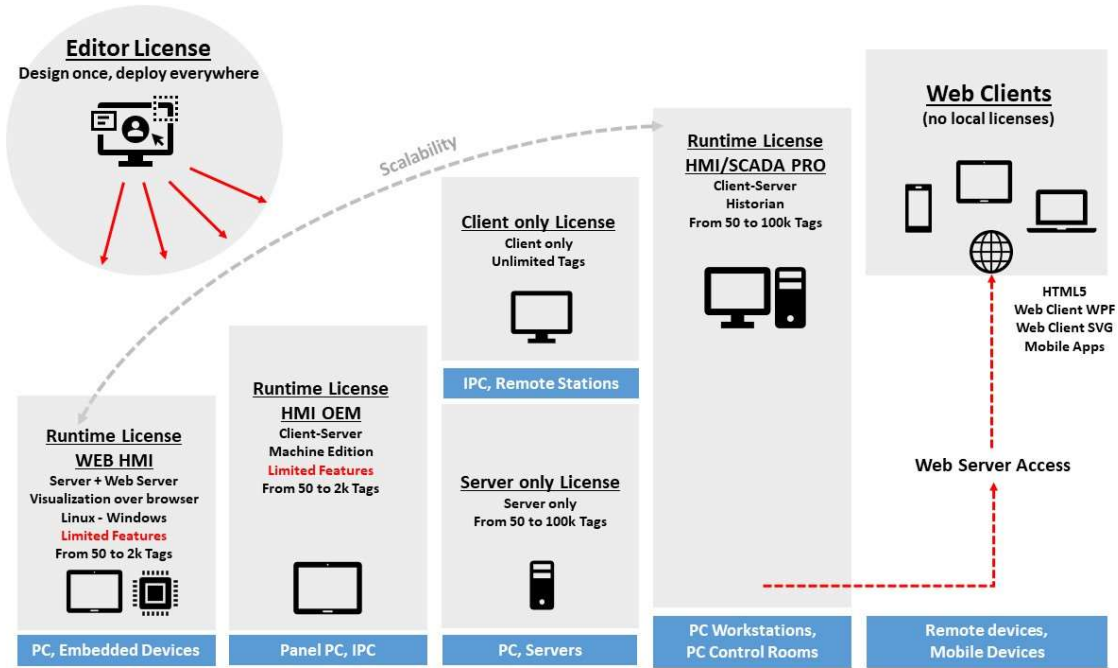3. **Variables in recipes (without Tags) are not counted.**

The licenses are enabled via Softkey (software activation code):

Each license is supplied via email with a software activation code, specific for the machine on which the license is installed.

Optionally, the activation code can be ordered on USB hardware dongle, by specifying the product code separately.

www.progea.com

Available options:

Each license comes with optional features, depending on the license type, as indicated below.

Editor License
Design once, deploy everywhere

Scalability

Web Clients
(no local licenses)

Client only License
Client only
Unlimited Tags

IPC, Remote Stations

Runtime License HMI/SCADA PRO
Client-Server
Historian
From 50 to 100k Tags

HTML5
Web Client WPF
Web Client SVG
Mobile Apps

Runtime License HMI OEM
Client-Server
Machine Edition
Limited Features
From 50 to 2k Tags

Runtime License WEB HMI
Server + Web Server
Visualization over browser
Linux - Windows
Limited Features
From 50 to 2k Tags

Server only License
Server only
From 50 to 100k Tags

Web Server Access

PC, Embedded Devices

Panel PC, IPC

PC, Servers

PC Workstations, PC Control Rooms

Remote devices, Mobile Devices

Feature	HMI/SCADA License	CLIENT License	HMI OEM License	WEB HMI License
I/O TAGS	50- 100,000	100,000	Max 2,000	Max 2,000
Server	✔	✖	✔	✔ Limited
Client	✔	✔	✔	✔ Browser
HMI Screens WPF/XAML	✔	✔	✔	HTML5-SVG
XAML Symbols Libraries and Toolbox	✔	✔	✔	✔
Power Templates (Face Plates)	✔	✔	✔	✔
Alarms Management	✔	✔	Limited	Limited
Alarms Viewers	✔	✔	✔	✔
Historical Log/Event Manager	✔	✖	✔	✔
Historical Log/Event Viewers	✔	✔	✔	✔
Shortcut commands	✔	✔	✔	✖
Menu Commands	✔	✔	✔	✖
Networking	✔	✔	Optional	Optional
TouchScreen – Multi-touch	✔	✔	✔	Limited
String texts - Multi-language	✔	✔	✔	✔
Scripts VB.NET Multithreading	✔	✔	✔	✖
.NET Assembly support	✔	✔	✔	✖
IP Camera	✔	✔	✔	✖
Speech Recognition	✔	✔	✔	✔
Text to Speech	✔	✔	✔	✔
Scheduler Server	✔	✖	✔	Limited
Recipes Module	✔	✔	✔	✔
Child Projects	✔	✔	✔	✖
User & Password Management	✔	✔	✔	✔
FDA 21 CFR Part 11	✔	✔	✔	✖
Historian & Data Logging	✔	✖	✖	✔
Trends, Data Analysis	✔	✔	✖	✔
Reports Manager	✔	✔	✖	✔
Redundancy	Optional	✔	✖	✖
3D Graphic animations	Optional	Optional	Optional	✖
Geo Scada (Dynamic Maps Manager)	Optional	Optional	✖	Limited
I/O Drivers enabled (run simultaneously)	**2**	✖	**1**	**1**
I/O Drivers Extended	Optional (Max 32)	✖	✖	Optional (Max 4)
I/O Drivers "Basic"	✔	✖	✔	✔
I/O Drivers "Automation Pack"	Optional	✖	Optional	Optional
I/O Drivers "Telemetry Pack"	Optional	✖	Optional	Optional
I/O Drivers "Facilities Pack"	Optional	✖	Optional	Optional
I/O Drivers "IIoT Pack"	Optional	✖	Optional	Optional
OPC UA Server	Optional	✖	Optional	Optional
Alarm Statistics (Downtime Analyzer)	Optional	Optional	Optional	Optional
Alarms Dispatcher SMS, VOIP, E-mail, Telegram	Optional	✖	Optional	✖
Multi-Session (Multiple Instances Server)	Optional	✖	✖	✖
Web Client Users (WPF, max 25 or SVG max 1000)	Optional	✖	Optional	2 (+option)
Cognitive Augmented Reality	✖	✖	✖	Optional

Each HMI/SCADA Runtime License includes:

Server:
1. I/O Data Server with "Basic Drivers Package" (other Drivers Packages are optionally available).
2. Alarm Manager for complete alarms management.
3. History Log to record Alarms/Events on SQL Database or Cloud.
4. Recipes Module.
5. Unit converter (Engineering Units).
6. Audit Trail and 21 CFR Part 11 support.
7. Event Scheduler.
8. Windows Services support.
9. Script Manager VB.NET.
10. Users and Password Management.
11. Max. 2 Drivers can be used simultaneously.
    The "Extended Driver" option enables up to 32 simultaneous drivers.
12. Historian &-Data Loggers on SQL Database or Cloud.
13. Single Instance (only one application session).

Client:
1. WPF/XAML screens (new generation vectors) with toolbox and graphics libraries. Supports BMP, GIF, JPG, PNG, multimedia. Dynamic interactive Animations, commands, and actions.
2. Native Multitouch and object manipulation.
3. Dynamic Alarm and Historical Event Viewers.
4. Trend Viewers.
5. Recipe Viewers.
6. DB Data Viewers, Audit Trail, etc.
7. IP Camera Viewer.
8. VB.NET Script and Logic Manager (local Clients).
9. Command Menu Manager.
10. Keyboard Command Manager.
11. Dynamic Multilanguage Manager with integrated translation support.
12. Networking (the Client can communicate directly with other Movicon Servers).
13. Measurement unit converter.

Options - Runtime Server:
1. Multi-server Redundancy.
2. Multi Driver Extension.
3. Additional I/O Driver Packs (See options Table).
4. OPC UA Server.
5. Alarm Dispatcher (alarm notifications via SMS/E-mail-Voice VOIP, Push Telegram).
6. Web Access (via HTML5 Web Server and APP for enabling remote user access).
7. Multiple sessions (multiple instances of the same Server application).

Options - Runtime Client:
1. GeoScada to support geographic maps (available with limitations on Web Client).
2. 3D Graphics, to support dynamic 3D XAML models (not available on Web Client).
3. Statistical Alarm Analysis (machine standstill and downtime reports). Also available on Web Client.

The Movicon framework fully supports third-party User Controls and .NET Assembly, .NET functional modules (plug-ins) and custom I/O Driver integrations.

Editor	Code
Development License allowing use of the configuration and programming environment to generate projects requiring the runtime license to be executed. Includes all functionalities, libraries, and drivers. • Edits any project for any runtime type, from SCADA to WebHMI. • Does not include the XAML source code of symbol libraries. • Runtime operation limited to 2 hours. • Perpetual license, not including updates and upgrades. • The Hotline Support Service (priority) via phone can be purchased optionally. **Multi-licensing: additional users licenses (DEV License) used in the same company can be purchased at the discounted price of € X net each (Code DEV4>2).**	DEV4
Platform.NExT I/O Drivers SDK Library and APIs for developing custom I/O drivers for the platform. The SDK library simplifies the procedures for creating native I/O drivers for custom device connectivity to the platform. The SDK is provided with standard driver framework to which you only need to add your custom driver protocol code. • *Requires Visual Studio 2012 and C# language know-how. Includes a one-day training course at the Progea Offices (Italy).* • *Includes a non-transferable user license along with a NDA to allow free distribution of developed drivers.*	LIB-DRV4
Open Framework SDK - Plug-Ins Access to information and example code for platform customization with the option to install third party Plug-ins and User Controls. • *Requires Visual Studio 2012 (not included here) and C# language know-how. Includes a one-day training course at the Progea Offices (Italy).* • *Includes a non-transferable user license along with a NDA that allows the free distribution of developed drivers.*	LIB-FWK4
Educational License For educational institutes, schools, and universities only. **Full license, Editor+Runtime – 10,000 TAGS**	DEVRT4-EDU-10k

WEB HMI Runtime Core for Linux

The Web HMI Core runtime license includes a I/O Server for .NET Core (Linux, Raspberry) and a SVG Web Server license to allow HMI visualization via local or remote HTML5 Web Browsers. Projects can always be designed with the **standard** Movicon editor.

- **The Web HMI Core license is subject to limitations as described in the technical specifications.**

Description	Code	Tags No.
WEBHMI Runtime 50	RTWHC4-50	50 Tags
WEBHMI Runtime 200	RTWHC4-200	200 Tags
WEBHMI Runtime 500	RTWHC4-500	500 Tags
WEBHMI Runtime 1k	RTWHC4-1k	1,000 Tags
WEBHMI Runtime 2k	RTWHC4-2k	2,000 Tags

Important notes:

- Customer to validate HW compliance with the functional specifications of the license (available in the product's help) and its suitability to run the required application.

WEB HMI Runtime for Windows

The Web HMI runtime license includes an I/O Server and a Web Server license to allow HMI visualization via local or remote HTML5 (SVG) Web Browsers.
These types of projects can be designed as usual with the **standard** Movicon editor.

- **The Web HMI Windows license is subject to limitations as described in the technical specifications.**

Description	Code	Tags No.
WEBHMI Runtime 50	RTWH4-50	50 Tags
WEBHMI Runtime 200	RTWH4-200	200 Tags
WEBHMI Runtime 500	RTWH4-500	500 Tags
WEBHMI Runtime 1k	RTWH4-1k	1,000 Tags
WEBHMI Runtime 2k	RTWH4-2k	2,000 Tags

Additional discounts can be applied on orders for high numbers of licenses.

The WebHMI runtime package includes:

- Projects can be designed with the same Movicon.NExT editor.
- I/O Data Server with communication driver Automation Pack (see Linux limitations).
- HTML5-SVG Graphics in web browser (see documentation for graphics limitations)
- Alarm Management
- Historian, Trends, Reports and Recipe Management
- FBD Logics Management with Java scripting (note: VB.NET Scripts are not available!)
- 2 Clients Visualisation Users (For more users, see Web Clients Option)

Options - WebHMI Runtime

Activation on Runtime	Code	Tags No.
Additional Driver Package	OPWH4-DV	Any
Multi Driver (up to 4 drivers)	OPWH4-MDW	Any
Networking (Server to Server)	OPWH4-NTW	Any
OPC UA Server	OPWH4-OUS	Any
Alarms Statistical Analyzer	OPWH4-ALS	Any

Option – WebHMI - Cognitive Augmented Reality

This option activates the Cognitive Augmented Reality engine which allows automatic recognition of physical objects in the environment through the device's camera, to activate the connected screens and pages.

Activation on Runtime	Code	Tags No.
WEBHMI ARC	OPWH4-ARC	Any

Option – WebHMI – Additional Web Client users

Option to add Web Client users to the WebHMI runtime license.

Activation on Runtime	Code	Tags No.
Single User	WBH4-1	Up to 2,000
5 Users package	WBH4-5	Up to 2,000
10 Users package	WBH4-10	Up to 2,000

Important note:

- The maximum number of Client users is:
  - 25 for the Runtime Core (Linux) licenses
  - 100 for the standard Windows Runtime licenses.

HMI/SCADA (Server/Client) Runtime for Windows

Description	Code	Tags No.
HMI/SCADA Runtime 50 Tags	RTCS4-F-50	50 Tags
HMI/SCADA Runtime 100 Tags	RTCS4-F-100	100 Tags
HMI/SCADA Runtime 200 Tags	RTCS4-F-200	200 Tags
HMI/SCADA Runtime 500 Tags	RTCS4-F-500	500 Tags
HMI/SCADA Runtime 1,000 Tags	RTCS4-F-1k	1,000 Tags
HMI/SCADA Runtime 2,000 Tags	RTCS4-F-2k	2,000 Tags
HMI/SCADA Runtime 5,000 Tags	RTCS4-F-5k	5,000 Tags
HMI/SCADA Runtime 10,000 Tags	RTCS4-F-10k	10,000 Tags
HMI/SCADA Runtime 20,000 Tags	RTCS4-F-20k	20,000 Tags
HMI/SCADA Runtime 40,000 Tags	RTCS4-F-40k	40,000 Tags
HMI/SCADA Runtime 60,000 Tags	RTCS4-F-60k	60,000 Tags
HMI/SCADA Runtime 100,000 Tags	RTCS4-F-100k	100,000 Tags

Important notes:

- **Local** Client/Server runtime which includes all standard features + Historian SQL + Reports.
- **For Server, the license size is given by the number of Tags connected to the field. The Client has no Tag limit.**
- I/O Drivers "Basic" package is always included.
- Max. no. 2 simultaneous Drivers included

Client only SCADA Runtime

Client Only license for remote Client PC, connected on a network to any Movicon.NExT Server.

Description	Code	Tags No.
Client Runtime	RTC4	100,000 Tags

Important notes:

- Client Only License for remote PC workstations. Project can be local or centralized.
- The Client license provides a number of connectable Tags towards any Movicon network server and third party OPC UA Server.
- Client projects can be local (distributed) or centralized on server.

HMI OEM Runtime for Windows

Client/Server Runtime license for OEMs. It can be supplied to Machine Builders in batches (packs) of min. 5 pieces.

Description	Code	Tags No.
OEM Runtime 50 Tags	RTH4-50	50 Tags, 100 Alarms, 25 Screens
OEM Runtime 100 Tags	RTH4-100	100 Tags, 200 Alarms, 30 Screens
OEM Runtime 200 Tags	RTH4-200	200 Tags, 300 Alarms, 40 Screens
OEM Runtime 500 Tags	RTH4-500	500 Tags, 750 Alarms, 60 Screens
OEM Runtime 1,000 Tags	RTH4-1k	1,000 Tags, 1,500 Alarms, 80 Screens
OEM Runtime 2,000 Tags	RTH4-2k	2,000 Tags, 3,000 Alarms, 100 Screens

Important notes:

- The "Machine Edition" license is an OEM version installed on each individual local HMI station and includes the I/O Server, HMI Client, Real-time Trends, Recipe Manager, Language Manager and Scripts.
- The OEM version is designed for the OEM market, Partners, Machine Builders and for applications in the HMI sector, sold in batches (packages) of **min. 5 pieces**.

Option – Networking - only for HMI OEM licenses

Option for Server to activate the Networking feature that enables the communication between Movicon stations over a network. The data Server will be able to communicate with other Movicon Servers via OPC UA, while the Client will be able to connect to other Movicon stations as well.

Activation on Runtime:	Code	Tags No.
Networking for HMI OEM	OPWH4-NTW	Up to 2,000 Tags

Options – HMI/SCADA Runtime licenses:

Driver Packages

The Drivers package "Basic" is always included in any runtime license, and allows to connect all the major PLC devices available on the automation market. Other Drivers are available adding optionally the Drivers' packages through the option codes indicated in the table below.

Basic Driver Package always includes the following protocols:

- OPC UA Client,
- Modbus RTU, Modbus TCP,
- Emerson/GE Ethernet,
- Siemens PC Adapter-MPI, Siemens PPI, Siemens S7 TCP, Siemens S7 TIA Portal (Symbolic)
- Omron EtherNet/IP, Omron FINS Ethernet,
- Rockwell Ethernet/IP,
- Phoenix Contact PLCI.

I/O Drivers, additional packages:

Package	Code	Protocols	HMI/SCADA	HMI OEM	Web HMI
Automation	**DVA**	Other PLC (Codesys, B+R, Beckhoff, Mitsubishi, etc.)	Optional	Optional	Optional
Facilities	**DVF**	BacnetIP, Konnex, etc.	Optional	Optional	Optional
Telemetry	**DVT**	IEC870, IEC850, Lacbus, etc.	Optional	Optional	Optional
IIoT	**DVI**	MQTT, PubNub, Databoom Cloud	Optional	Optional	Optional

- **Please see the complete list of available drivers and protocols on www.progea.com web site.**

Activation on Runtime:	Code	Tags No.
Automation Driver Package up to 1,000 Tags	OPS4-DVA-1k	Up to 1,000 Tags
Automation Driver Package up to 20,000 Tags	OPS4-DVA-20k	Up to 20,000 Tags
Automation Driver Package up to 100,000 Tags	OPS4-DVA-100k	Up to 100,000 Tags

Activation on Runtime:	Code	Tags No.
Facilities Driver Package up to 1,000 Tags	OPS4-DVF-1k	Up to 1,000 Tags
Facilities Driver Package up to 20,000 Tags	OPS4-DVF-20k	Up to 20,000 Tags
Facilities Driver Package up to 100,000 Tags	OPS4-DVF-100k	Up to 100,000 Tags

Activation on Runtime:	Code	Tags No.
Telemetry Driver Package up to 1,000 Tags	OPS4-DVT-1k	Up to 1,000 Tags
Telemetry Driver Package up to 20,000 Tags	OPS4-DVT-20k	Up to 20,000 Tags
Telemetry Driver Package up to 100,000 Tags	OPS4-DVT-100k	Up to 100,000 Tags

Activation on Runtime:	Code	Tags No.
IIoT Driver Package up to 1,000 Tags	OPS4-DVI-1k	Up to 1,000 Tags
IIoT Driver Package up to 20,000 Tags	OPS4-DVI-20k	Up to 20,000 Tags
IIoT Driver Package up to 100,000 Tags	OPS4-DVI-100k	Up to 100,000 Tags

Option - Server – Multi-Driver

Option for Server to enable the Multi-Driver extension for up to 32 Drivers simultaneously.

Activation on Runtime:	Code	Tags No.
Multi-Driver up to 1,000 Tags	OPS4-MD-1k	Up to 1,000 Tags
Multi-Driver up to 20,000 Tags	OPS4-MD-20k	Up to 20,000 Tags
Multi-Driver up to 100,000 Tags	OPS4-MD-100k	Up to 100,000 Tags

Option - Server Redundancy

Option for Server to enable the Redundancy functionality (Hot Backup). This option must be enabled on each server using it.
The cost of the license from the second station on is discounted by X% from the list price.

Activation on Runtime:	Code	Tags No.
Server Redundancy for up to 1,000 Tags	OPS4-R-1k	Up to 1,000 Tags
Server Redundancy for up to 20,000 Tags	OPS4-R-20k	Up to 20,000 Tags
Server Redundancy for up to 100,000 Tags	OPS4-R-100k	Up to 100,000 Tags

Option - Server - OPC UA Server

Option for Server to enable the OPC UA Server functionality, enabling access to the Movicon Server from any third-party OPC UA Client. The Server is certified by OPC Foundation and supports Data Access, Alarms & Condition, History Access specifications.

Activation on Runtime:	Code	Tags No.
OPC UA Server for up to 1,000 Tags	OPS4-OUS-1k	Up to 1,000 Tags
OPC UA Server for up to 20,000 Tags	OPS4-OUS-20k	Up to 20,000 Tags
OPC UA Server for up to 100,000 Tags	OPS4-OUS-100k	Up to 100,000 Tags

Option - Server - Alarm Dispatcher

Option for Server to enable the Alarms/Events notifications to on-duty personnel (SMS, Email, VOIP/Push Telegram).

Activation on Runtime:	Code	Tags No.
Alarm Dispatcher for up to 1,000 Tags	OPS4-ALD-1k	Up to 1,000 Tags
Alarm Dispatcher for up to 20,000 Tags	OPS4-ALD-20k	Up to 20,000 Tags
Alarm Dispatcher for up to 100,000 Tags	OPS4-ALD-100k	Up to 100,000 Tags

Option - Server - Multi Session

Option for Server to allow execution of multiple (two or more) simultaneous instances on the same local machine. This option allows simultaneous execution of a maximum of 32 sessions on the same PC (depending on the hardware being used and project type).

Activation on Runtime:	Code	Tags No.
Server - Multi Session for up to 1,000 Tags	OPS4-MSE-1k	Up to 1,000 Tags
Server - Multi Session for up to 20,000 Tags	OPS4-MSE-20k	Up to 20,000 Tags
Server - Multi Session for up to 100,000 Tags	OPS4-MSE-100k	Up to 100,000 Tags

Option - Client – GeoScada

Option for Client to enable dynamic Geographic Maps screens.

Activation on Runtime:	Code	Tags No.
Client - Geo SCADA	OPC4-GS	Any

Important note:

- The GeoSCADA option provides limited features only on Web Client (any type): check product documentation (on line help) before ordering when used on Web Client.

Option - Client - 3D

Option for Client to enable support to dynamic 3D XAML graphics in screens.
Not available for Web Client.

Activation on Runtime:	Code	Tags No.
Client - 3D	OPC4-3D	Any

Important note:

- Movicon supports the 3D graphics format specified in XAML. It is possible to convert different 3D graphic formats to 3D XAML to use with Movicon.NExT.

Option - Client – Statistical Alarm Analysis

Option for Client to enable the statistical Alarms Reports.
When using Web Client, this option must be enabled on the Server license as well.

This feature provides a statistical analysis on the historic archives containing the alarms generated by the application at runtime, to obtain the duration, frequency, etc. of each alarm.

Activation on Runtime:	Code	Tags No.
Client – Statistical Alarm Analysis	OPC4-ALS	Any

Option - Web Client

Option for Server to enable remote access for the specified number of users (concurrent sessions) via any web browser (HTML5) or the dedicated APPs available on Android, iOS and Windows.
Technologies available for Web Client access are:
- Web Client HTML5 WPF (Web Server IIS)
- Web Client via APP for mobile devices: iOS, Android, Windows (Web Server Movicon).
- Web HMI HTML5 SVG (Movicon Web Server available for Windows and Linux)

Activation on Runtime:	Up to 1,000 Tags		Up to 20,000 Tags		Up to 100,000 Tags	
	Code	Price	Code	Price	Code	Price
Single User	WB4-1-1k	--	WB4-1-20k	--	WB4-1-100k	--
5 Users Package	WB4-5-1k	--	WB4-5-20k	--	WB4-5-100k	--
10 Users Package	WB4-10-1k	--	WB4-10-20k	--	WB4-10-100k	--
25 Users Package	WB4-25-1k	--	WB4-25-20k	--	WB4-25-100k	--
50 Users Package	WB4-50-1k	--	WB4-50-20k	--	WB4-50-100k	--
100 Users Package	WB4-100-1k	--	WB4-100-20k	--	WB4-100-100k	--
1,000 Users Package	WB4-1k-1k	--	WB4-1k-20k	--	WB4-1k-100k	--

Option: Separate workstation for Web Client access only

The Web Client server can be separated from the main Movicon.NExT Client/Server, for example in secure network architectures with DMZ. In this case, the Web Client server components can be installed separately on the web access server and install locally only a Movicon license enabling the required number of Web Client users. This web access server will then be connected to the main Movicon application project.

The Web Server application needs a license for the number of Web Clients only and the possible client options as required by the application. Please note that the "Networking" option must be enabled on the Movicon I/O Data Server.

⚠ Important notes:

- The Web Client option enables the specified number of "concurrent" users that can simultaneously connect to the Movicon Server via the Web.
- Normally, the Web Clients connect to the Web Server which is local to the Movicon Server I/O application. However, the Web Server can also be installed on different stations and can also be connected to third-party OPC UA.
- The Web Clients use the available license on the Web Server side.
- The access technology via HTML Web Browser is available in two different modes:
  - Web Client WPF: functionality and limitations as described in the technical specifications;
  - WebHMI: SVG functionality as for the WebHMI product, limitations as described in the technical specifications.
- The total number of concurrent users is not dependent from the Web technology used for the connection: **up to 25 Users can be used for both the WPF or SVG web client technologies. Over 25 users, only the SVG web technology is available.**
- The Web Client option indicated here refers to the HMI/SCADA licenses, while for WebHMI licenses please see the option at previous pages.

Server Only Runtime

The "Server Only" license includes all the I/O Server and OPC + Historian and Data Logger for DB connectivity functionalities, without providing the local HMI functionality (Front-End Client graphics).

Description	Code	Tags No.
Server Runtime 50 Tags	RTS4-50	50 Tags
Server Runtime 100 Tags	RTS4-100	100 Tags
Server Runtime 200 Tags	RTS4-200	200 Tags
Server Runtime 500 Tags	RTS4-500	500 Tags
Server Runtime 1,000 Tags	RTS4-1k	1,000 Tags
Server Runtime 2,000 Tags	RTS4-2k	2,000 Tags
Server Runtime 5,000 Tags	RTS4-5k	5,000 Tags
Server Runtime 10,000 Tags	RTS4-10k	10,000 Tags
Server Runtime 20,000 Tags	RTS4-20k	20,000 Tags
Server Runtime 40,000 Tags	RTS4-40k	40,000 Tags
Server Runtime 60,000 Tags	RTS4-60k	60,000 Tags
Server Runtime 100,000 Tags	RTS4-100k	100,000 Tags

Important notes:

- Server only license, without Client.
- I/O Drivers 'Basic' package is always included.
- Max. no. 2 simultaneous Drivers included.
- The Server Only licenses are for "blind" (without HMI) data acquisition servers to which Clients can connect on a network.

NET network license – HMI/SCADA

Description	Code
Single Floating License for multi-user workstation sessions	RT\<type>4-NET\<users?>-\<tag?>

The "Net" licenses are "network" licenses. These licenses use a centralized license service on a single server for several workstations.

Example: Movicon server-client runtime with 1,000 Tags and 10 users NET license installed on a network's server. This allows you to install Movicon.NExT on all the factory's PCs (e.g. 50 workstations), but only 10 concurrent sessions will be available for use simultaneously.
- ***NET type license code example: RTCS4-F-NET-10-1k***

Advantages:
1. This license is unique and the same for all purchased workstations.
2. This license is installed in one single station (server). The server on which the license is installed does not necessarily need to have HMI/SCADA PRO or BA installed.
3. This license is available for all workstations in the same network as a "floating" license. The remote workstations access the license which is instantiated until the maximum number of available workstations is reached.
4. The total cost of the NET license is lower than the cost for individual licenses.

Important:
1. The license is unique and the same type for all enabled workstations.
2. If the machine on which the license is installed is switched off or unavailable, the remote workstations will not be able to access the license (the license can be USB or Softkey type).

NET license for Windows Terminal Server

Description	Code
Single multi-session license for Windows Terminal Server	RT\<type>4-NET\<users?>-\<tag?>

The Windows Terminal Server license uses the same policy described for the "Net" network license.
Windows Terminal Server is the Microsoft operative system allowing to centralize on a single server the number of required remote "Thin Client" workstations that will access the application on the server via "remote Desktop". Movicon detects this type of operative system and requires on the server a NET type license with the same characteristics described above, that is one single NET license will be valid for all Windows Terminal Server instances.
To calculate the cost of one Movicon NET license for Windows Terminal Server: select the required Runtime license then multiply the individual cost times the number of required Windows Terminal Server users. The license will be the same for all server instances.

Example: Movicon server-client runtime with 1,000 Tags and a Windows Terminal Server machine for 5 Users (instances) allowing the execution of applications on the main server and remotely from 4 workstations (server = 1 workstation). A NET license for 5 users will be necessary. Every remote instance (Remote Desktop) will be able to run the application designed for the selected Runtime.
- ***NET type license code example: RTCS4-F-NET-5-1k***

The customer will therefore receive one "Net" license to install on the Server to enable the number of instances and license type usable on the Terminal Server.

Upgrades

Description	Code
Upgrade - Migration from Movicon 11 Movicon 11 license upgrade. Includes an import tool to convert (partial) Movicon 11 projects. The USB license key can remain the same used for Movicon 11.	UPG4-11
Upgrade - Migration from Movicon.NExT 3	UPG4-X3
Cost of Upgrade operation **Note: the C_PTZ cost indicated below is always applied to every operation performed on licence.**	

License Size Upgrade

Description	Code
License size upgrade: price difference between the two licenses (upgraded – original, including all various options enabled), plus the C_PTZ fixed fee	PTZ4
Fixed fee for any license modification operation	C_PTZ

⚠ **Important note:**

- The C_PTZ fixed fee is always applied for any additional upgrade on the license

USB hardware key (Dongle)

Description	Code
USB hardware dongle license key for Movicon. To be ordered separately from the license items, in place of the Softkey activation code.	MOVICONKEYKIT

Editor option on any SCADA Runtime

Option to enable the Editor feature (development environment) on any runtime license.

Description	Code
Editor activation on Runtime	OP4-EDIT

Pro.Lean module – OEE, KPI, Downtime

Description	Code
Pro.Lean, 1 OEE	PLX4-1
Pro.Lean, 2 OEE	PLX4-2
Pro.Lean, 3 OEE	PLX4-3
Pro.Lean, 4 OEE	PLX4-4
Pro.Lean, 5 OEE	PLX4-5
Pro.Lean, 10 OEE	PLX4-10
Pro.Lean, 15 OEE	PLX4-15
Pro.Lean, 20 OEE	PLX4-20
Pro.Lean, 30 OEE	PLX4-30
Pro.Lean, 50 OEE	PLX4-50
Pro.Lean, 100 OEE	PLX4-100

Important notes:

1. The Pro.Lean module **requires a HMI PRO SCADA Movicon.NExT runtime license** with the correct size for the required number of OEEs. The data to be managed and connected to the field device (i.e. PLC) are:
   - Total good pieces
   - Total rejected pieces
   - Production Available (status)
   - In production (status)
   - Batch Code
   - Product Code
   - Target Production
   - Causes of Downtime: Max 32 (number can be optionally increased)
2. Each OEE provides management of the related KPI data (availability, performance, quality) with batch production data and shifts.
3. The number of Alarms and Downtime Causes, managed in the analysis module, is fixed at a max. of 32 for each OEE, but it can be optionally expanded.
4. The module includes an automatic configuration Wizard, the database with stored calculation procedures and standard reports for viewing performance data.
5. The reports can also be accessed via web, as long as the Web Client HTML5 Movicon.NExT's feature is enabled (Reports are not available on APPs).
6. Microsoft SQL Server licenses are not included (free of charge SQL Express licenses can be used).
7. Any custom configurations to screens, alarms, notifications, logics, downtime cause input and other, are available to the user through the Movicon.NExT supervisor (development editor) as desired.

The Pro.Lean module requires a HMI/SCADA Movicon.NExT runtime license: generally, about 50 Tags for each OEE are needed on the runtime license.

Pro.Energy module – Energy Efficiency Analysis

Description	Code
5 energy points (meters)	PEX4-5
10 energy points (meters)	PEX4-10
25 energy points (meters)	PEX4-25
50 energy points (meters)	PEX4-50
100 energy points (meters)	PEX4-100
200 energy points (meters)	PEX4-200
500 energy points (meters)	PEX4-500
1,000 energy points (meters)	PEX4-1000
2,000 energy points (meters)	PEX4-2000

Important Notes:

1. The Pro.Energy module **requires a HMI/SCADA Movicon.NExT runtime license** with the correct size for the required number of Energy points (meters – where each Tag is a meter).
2. Each Energy point (meter) is generally equivalent to a Tag in Floating Point format.
3. The module includes an automatic configuration Wizard, the database with stored calculation procedures and standard reports for Consumption, Period Comparisons, Tariff Rate Management.
4. The reports can also be accessed via web, as long as the Web Client HTML5 Movicon.NExT's feature is enabled (Reports are not available on APPs)
5. Microsoft SQL Server licenses are not included (free of charge SQL Express licenses can be used).
6. Any custom configurations to screens, alarms, notifications, logics, energy balancing and other, are available to the user through the Movicon.NExT supervisor (development editor) as desired.

The Pro.Energy module requires a HMI/SCADA Movicon.NExT runtime license: generally, at least 1 Tag for each point (meter) is needed on the runtime license.

For example, the smaller runtime license with 50 Tags can be used for Pro.Energy with up to 50 Energy points (meters).

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