

# Platforma TIA portál pokrývá několik inženýrských prostředí



## Totally Integrated Automation Portal

### SIMATIC

STEP 7

WinCC

### SINAMICS

Startdrive

### SIMOTION

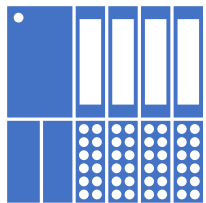
Scout TIA

### SIRIUS

SIMOCODE



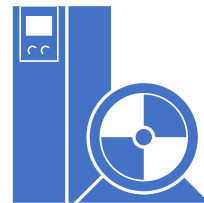
Controller



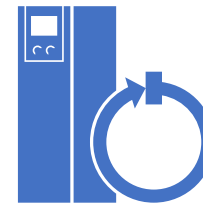
Distributed I/O



HMI



Drives



Motion Control  
System SIMOTION

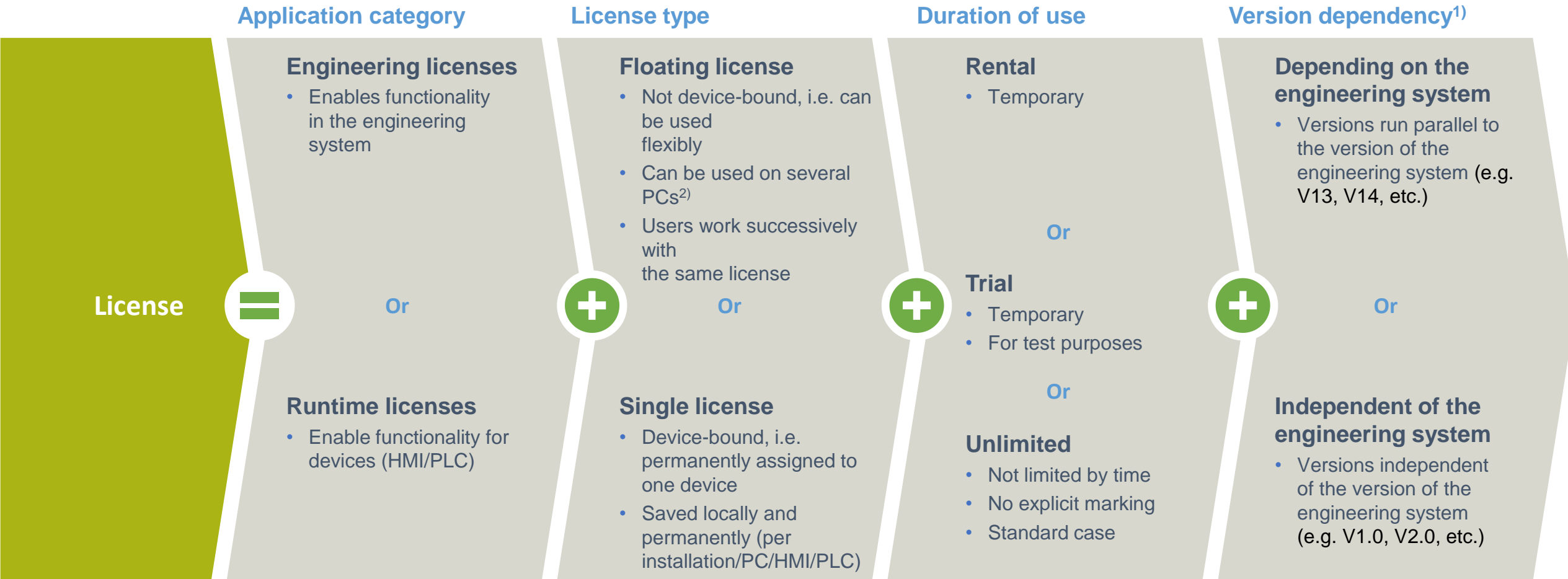


Motor  
Management

# Přehled licencí

SIMATIC STEP 7 / STEP 7 Safety	SIMATIC WinCC	SINAMICS Startdrive	SIMOTION SCOUT / SCOUT TIA	Soft Starter ES / SIMOCODE ES
<b>Programming languages</b> (F-)LAD, (F-)FBD, SCL, STL <sup>1)</sup> , S7-GRAPH <sup>1)</sup>	<b>Machine-level operator control and monitoring and process visualization (SCADA)</b>	<b>Integration of drives</b>	<b>Integration of SIMOTION in the TIA Portal</b>	<b>SIMOCODE motor management system SIRIUS soft starter</b>
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>Basic</p> <p>Basic</p> <p>Professional</p> <p>Advanced</p> </div> <div style="width: 85%;"> <p>S7-1200 (F)</p> <p>S7-300/400/ WinAC (F)</p> <p>S7-1500 (F)</p> <p>S7-1500 SW Controller (F)</p> </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>Basic</p> <p>Comfort</p> <p>Advanced</p> <p>Professional</p> </div> <div style="width: 85%;"> <p>Basic Panels</p> <p>Comfort and Mobile Panels</p> <p>Single station PC</p> <p>SCADA</p> </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>STEP 7 integr.</p> <p>Basic (free)</p> <p>Advanced</p> </div> <div style="width: 85%;"> <p>SINAMICS V90 PROFINET</p> <p>Commissioning, optimization and diagnostics: SINAMICS G120, G130, G150, S120, S150 &amp; Medium Voltage</p> <p>User-friendly and guided acceptance test of the Safety Integrated functions of the SINAMICS G120</p> </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>Professional</p> </div> <div style="width: 85%;"> <p>SINAMICS S120</p> <p>SIMOTION C</p> <p>SIMOTION P</p> <p>SIMOTION D</p> </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>STEP 7 integr.</p> <p>Basic (free)</p> <p>Standard</p> <p>Premium</p> </div> <div style="width: 85%;"> <p>List parameterization via PN/PB Parameterization at startup</p> <p>Additional online functions via SIRIUS PtP</p> <p>Additional graphical parameterization and extended diagnostics</p> <p>Additional access via PROFIBUS/PROFINET</p> </div> </div>
<b>Communication</b>	PROFIBUS, PROFINET, AS-i, IO-Link, ET 200, network topology PROFIsafe via PROFIBUS and PROFINET			
<b>Common functions</b>	e.g. system diagnostics, import/export to Excel, Undo, ...			
<b>Engineering options</b>	e.g. TIA Portal Multiuser, SIMATIC Energy Suite, SIMATIC ProDiag ...			

# Další rozdělení licencí



1) Only for options

2) PC for engineering

# Inženýrská vs Runtime licence

## Engineering license

Enables functionalities in the engineering system

- Each active software installation requires a license
- It is only possible to use the functions with a valid license key
- For example: SIMATIC STEP 7 Basic/Professional, SIMATIC WINCC Basic/Comfort/Advanced/Professional ...



VS.

## Runtime license

Enables functionalities in controllers and visualization devices

- Each device requires its own license
- The functions can only be used on the licensed device
- For example: SIMATIC ProDiag, SIMATIC WinCC Sm@rtServer ...



# Floating vs single licence

## Floating license

The device-independent license per active software workstation/per user

- Installation of the software on any number of computers, a license is needed for active use
- Licenses are not permanently assigned to any installation
- The number of licenses needed depends on the simultaneous use of installations/workstations
- Permits the use of older software versions



VS.

## Single license

One license for each installation or each device

- **Engineering:** The license is stored locally with the software on a computer and cannot be transferred to other computers
- **Runtime:** The functions can only be used on the assigned and thus licensed device



# Licence dle délky použitelnosti

## Unlimited

### No time limit

- No special marking in the product name
- Standard case, for standard engineering workstations



## Rental

### Limited duration of use

- Enables full software functionality for a specific duration of use
- For service calls, sporadic software usage by end users (such as plant operators)
  - e.g. 50 h rental license



## Trial

### Time-limited after initial activation

- Enables full software functionality for 21 days
- For test purposes and function evaluation before purchasing the software



VS.

VS.

# Licence dle závislosti na systému

## Depends on the engineering system

Versions of the option are dependent on the version of the engineering system

- Version numbering runs parallel to the numbering of the engineering system
- If the engineering system is upgraded to a new version, the option must also be upgraded to the same version
  - E.g. TIA Portal Multiuser Engineering V15



VS.

## Independent of the engineering system

Versions of the option are not dependent upon the version of the engineering system

- Version numbering runs independently of the numbering of the engineering system
- New versions enable new functions
- An upgrade of the engineering system does not require an upgrade of the option
  - E.g. SIMATIC S7-PLCSIM Advanced V2.0  
TIA Portal Cloud Connector V1.0



# Možnosti doručení licence

## Full version

For use in production (with CoL)

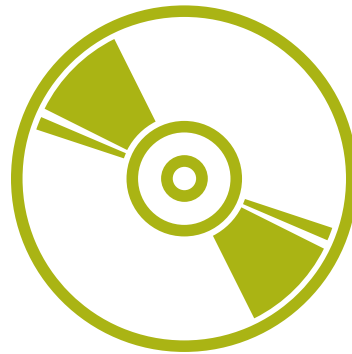
### Download



#### Via the Industry Mall

- With login
- Download via OSD

### DVD



#### Order via the Industry Mall

- With login

## Trial software

For test and evaluation purposes

### Customer support



<http://www.siemens.com/tia-portal-trial>

- Free download



# Znáte rozdíl mezi Updatem, upgradem a SP?

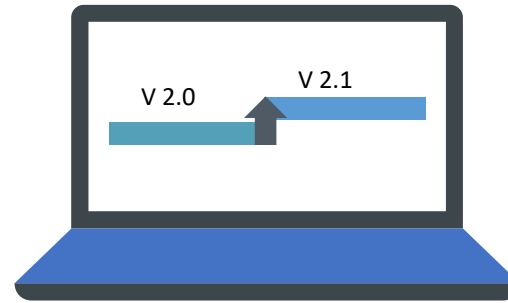
## Update



Updates eliminate possible program errors and close any security gaps



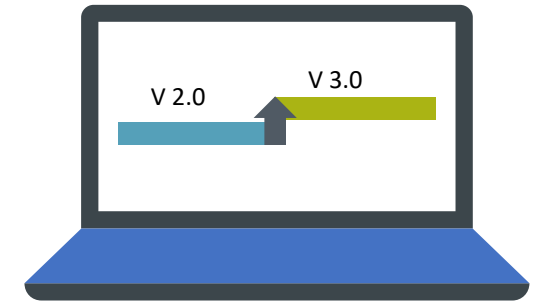
## Service pack



Service packs contain a compilation of updates and additional functions for updating software products



## Upgrade



New versions of programs or upgrades provide an expanded range of functions at a cost. With the Software Update Service, upgrades are also free during the period of the contract.



# Software Update Service (SUS) – co to znamená?

## With the order of the Software Update Service

You receive all updates for your SIMATIC software product free of charge for one year.



<b>User group</b>	All SIMATIC software users
<b>Requirement</b>	Valid license of the last available version
<b>Costs</b>	Generally 20% of the list price of the original version

## Your benefits

### Quick and up-to-date

Upgrades and service packs are available immediately after delivery release



### Proactive

You either automatically receive the software via the postal system or are notified of the updates via e-mail



### Transparent

Overview and administration of all SUS contracts with the SUS Manager



### Predictable costs

For software updates with a reasonable fixed annual rate



# Software Update Service (SUS) – periody kontraktu

SUS (1 year) 20% LP of the new versions

All new versions are included

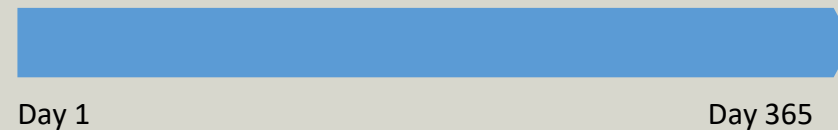
## Standard contract concept worldwide

The contract is automatically extended by 1 further year

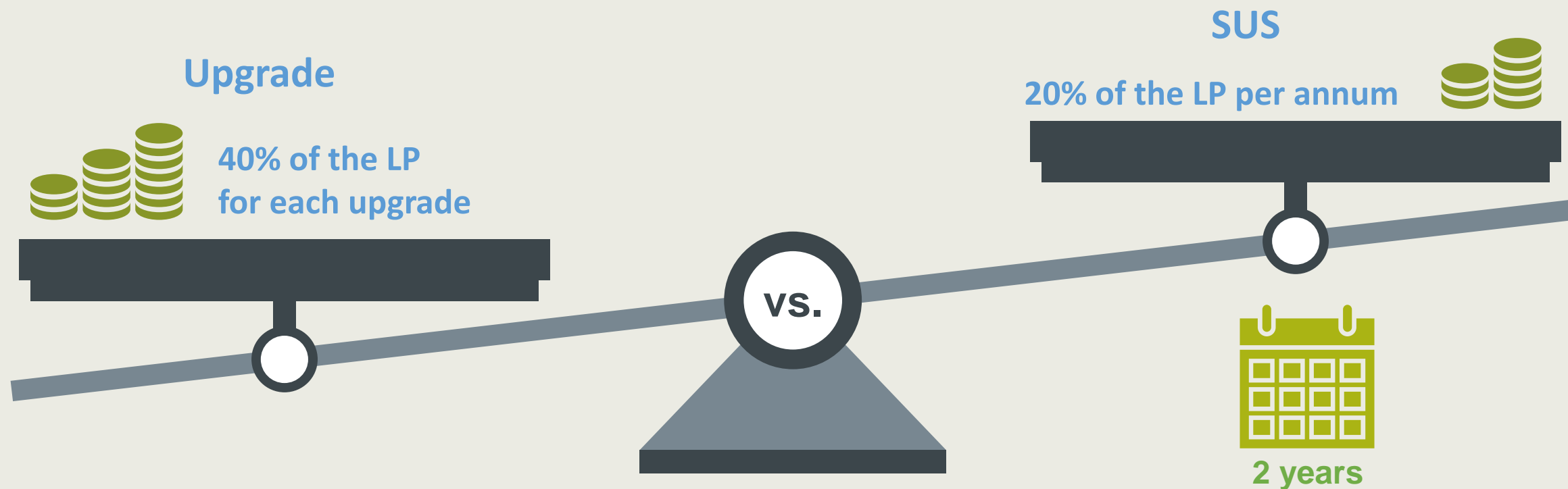


## Special cases, e.g. USA

Contract ends after 1 year



# SUS se vyplatí více, než každý rok upgradovat!



- SUS is worth it financially, if an upgrade is made available each year at a cost
- Regardless of this, the SUS brings many non-monetary advantages

# Software Update Service (SUS)

Complete transparency and quick adaptation of all existing SUS contracts with the SUS Manager

The screenshot shows the 'SUS Manager' interface with the following elements:

- Navigation: Online Software Delivery, Language, Contact, Help, Site Explorer
- Tabs: Product Download, License Overview, **SUS Manager**
- Buttons: Select contracts, Change contracts, Check / forward change requests
- Section: Select contracts
- Text: Please select the SUS contracts from the list below that you want to change.
- Form: Change contracts (0), Basic view, Excel export
- Navigation: Customer data, Order data, Product data, Contract data
- Table with columns: Change?, Customer (OY), Ship-to-party (UC), Article number & description, Delivery type, Quantity, Contr. No.

Change?	Customer (OY)	Ship-to-party (UC)	Article number & description	Delivery type	Quantity	Contr. No.
<input type="checkbox"/>	Cust. No.: A4025754 Bach Nbg DE	38126 Braunschweig DE	6AV66130AA000AY0 SIMATIC WINCC ADVANCED SUS DL	actual: Download possible: Standard	1	
<input type="checkbox"/>	Cust. No.: A4025754 Bach 12345 Nbg DE	38126 Braunschweig DE	6AV66130AA000AY0 SIMATIC WINCC ADVANCED SUS DL	actual: Download possible: Standard	1	

## Your benefits

### Functionality

- Overview of all existing SUS contracts
- Change of the delivery addresses
- Change of the form of delivery to SUS download



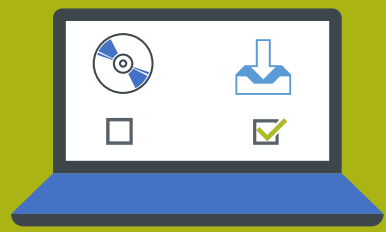
### Login/access

- Via existing Industry Mall account
- Directly from the Automation License Manager



# Software Update Service (SUS)

## Download



### Low-cost

SUS download and the SUS Manager save time and reduce costs and effort as a result



### Simultaneous

Upgrades/updates of various SUS download contracts (e.g. WinCC & STEP 7 Pro) are made available at the same time



### Initial delivery

- 1 e-mail with information on downloading the 3 Certificates Of Contract (COC)

### Subsequent delivery (Service Pack)

- 1 e-mail with information on downloading the software, files

### Subsequent delivery (upgrades)

- 1 e-mail with information on downloading
- Software, files
- 3 license keys
- 3 Certificates Of License (COL)

## Data storage medium



### SUS packages

#### Initial delivery

- 3 packaging units with 1 Certificate Of Contract (COC) each

#### Subsequent delivery (Service Pack)

- 3 data storage media sets

#### Subsequent delivery (upgrades)

- 3 packaging units, each with
  - 1 data storage media set
  - 1 memory stick with 1 license key
  - 1 Certificate Of License (COL)



### SUS Compact

#### Initial delivery

- 1 packaging unit with 3 Certificates Of Contract (COC)

#### Subsequent delivery (Service Pack)

- 1 data storage media set

#### Subsequent delivery (upgrades)

- 1 packaging unit with
  - 1 data storage media set
  - 1 memory stick with 3 license keys
  - 3 Certificates Of License (COL)

# Automation License Manager (ALM) – správa licencí

**The Automation License Manager** is the tool for efficiently managing all licenses



<b>User group</b>	All SIMATIC software users
<b>Requirement</b>	None
<b>Costs</b>	Free

## Your benefits

### Manage licenses locally or aided by a server

Use your licenses in the company network or locally



### Overview of licenses

The ALM gives you a very convenient overview of all available licenses



### Acquiring licenses online

Download licenses with ease via drag-and-drop from the Siemens Online Software Delivery (OSD) platform



# Hlavní funkce Automation License Manažeru

Function	Description
<b>Management of license keys</b>	All functions for handling license keys
<b>Transferring license keys</b>	Moving license keys between storage locations (for example computers, USB memory sticks, folders, etc.)
<b>Displaying license keys</b>	Display of license keys on your own computer or a connected computer
<b>Storing license keys</b>	Storing license keys on your own computer or a connected computer
<b>Checking license keys</b>	Determining the status of license keys (for example, OK, used, etc.)
<b>Checking out license keys</b>	License keys are temporarily transferred from a server for use on a connected computer
<b>Checking in license keys</b>	License keys are returned to the server from a connected computer
<b>Logging actions with license keys</b>	Logging license key-specific actions on a computer
<b>Blocking external access to license keys</b>	Blocking external access when SIMATIC Logon is not available
<b>Access protection support for license keys</b>	If SIMATIC Logon is installed on the computer and the checkbox "SIMATIC Logon access protection" was selected, the Automation License Manager can be used to activate access protection for license keys



# Jak obnovit licenci v případě smazání nebo ztráty?

Ujistěte se, že

- znáte objednávací číslo ztracené licence
- Máte u sebe fotku nebo sken krabice od licence popřípadě originální data od licence

## Postup:

- 1) Jděte na [odkaz](#) Siemens mezinárodní technické podpory
- 2) V sekci "mySupport Links and Tools" klikněte na "Support Request".
- 3) Po kliknutí na "Support Request,, klikněte na tlačítko "New Request,,.
- 4) Zaškrtněte pole "Licensing / Authorization,,.
- 5) Pod výběrem "Authorization" vyberete "License Key" a kliknete na "Next,,.
- 6) Vyplňte povinné pole označené hvězdičkou, v "Details,, vysvětlete detaily Vaší žádosti a klikněte na "Next,,. Žádost se odeslala.

Create New Support Request

Product search > Problem description >

Product search

About which product do you have a technical question?

Enter a product or an order number Find  Licensing / Authorization ⓘ

Create New Support Request

Product search > Problem description >

Product search

About which product do you have a technical question?

Licensing ⓘ Enter a product or an order numb Find  Licensing / Authorization ⓘ

Select one of the following products

<input checked="" type="checkbox"/> Authorization	
<input type="radio"/> Authorization	
<input type="radio"/> CPU 410 Activation File	6ES7 653-2C
<input type="radio"/> DIGSI License	
<input type="radio"/> Historian License	
<input checked="" type="radio"/> License Key	
<input type="radio"/> Motion Control License	
<input type="radio"/> Online Software Delivery (OSD)	N.N.
<input type="radio"/> PCS 7 License	
<input type="radio"/> SIMATIC IT License	