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The original version only on <http://plcforum.uz.ua> - some rogues began to circulate counterfeit with backdoors and viruses - check the MD5 checksum
romanian gypsy distribute dangerous fakes !!!

how to use <https://www.youtube.com/watch?v=SpR165EPMBY>

[Video How to clone a USB stick](#)

15/03/2010 closed by hoster <http://plc.net.ru> - today (2012) is FALSE site - name of the website plc.net.ru is stolen from us
19/03/2010 reopened forum with links <http://www.plcforum.uz.ua>

perhaps we will change the name of the forum from UZ.UA
if this happens, then you can learn a new name on the forum <http://rutracker.org/forum/viewforum.php?f=1192>

for add keys send it to plcsim@mail.ru, plcnetru@mail.ru

This program is not designed for use at work place - in an age of Stuxnet/Duqu/Flame/WannaCrypt can not trust anyone, and under the guise of this program, you can slip the malicious program.

Sometimes I think I created a monster - do not put the keys in the industrial facilities!

[PCS7 v8.0, TIA Poprtal, WinCC and key9999](#)

[Problems with new ALM v5](#)

[Simatic IT Business Objects Enterprise signed keys](#)

[Official FAQ](#)

[FastCopy keys v3.0](#)

[2739 keys](#)

v2017.08.25 add info for [Sinema Server v14](#), Simotion [Scout v5.1](#) 6a3276e48041a9fb1ead510e94246245 *Sim_EKB_Install_2017_08_25.exe
v2017.08.11 internal for testing Sinema Server

v2017.08.10 add info for [Braumat](#), PCS7 v9.0 9df5c73893fa0ee7c5c0c7c4df07f0f5 *Sim_EKB_Install_2017_08_10.exe

v2017.08.09 internal for testing Braumat, PCS7 v9.0 9518ba050d1c52f3b89746b952881aac *Sim_EKB_Install_2017_08_09.exe

v2017.08.05 internal for testing Braumat, PCS7 v9.0 9d0080d82d02ea9dbde0322db65ba09d *Sim_EKB_Install_2017_08_05.exe

2017.07.** fake from CIA fakers !!! romanian forum distribute dangerous fakes !!!

v2017.06.03 add info for Step7 v5.6 d94894697bcba56949fcf47590b8746f *Sim_EKB_Install_2017_06_03.exe

v2017.04.13 internal for testing

v2017.04.03 - fake from CIA fakers

v2017.04.01 add some info for TIA, 80K RT Flexible 2008, Sinaut and optimized some keyset 75c14222a978ec85be055decd8fbee6d *Sim_EKB_Install_2017_04_01.exe

v2017.01.17 add some info for Panel 8d672a831dce6250d8feafe04f361557 *Sim_EKB_Install_2017_01_17.exe

v2017.01.14 add some info for IS PCS7 949ea884cc9b4f41a234c7e4e2883556 *Sim_EKB_Install_2017_01_14.exe

v2016.11.28 add one info for SoftStarter and Simocode 14 3af2df6969bd421718a2be9be3cb14cf *Sim_EKB_Install_2016_11_28.exe

v2016.11.25 add one info for TIA Portal 57b9f7b47daf28f6f0caf1caa5e8cebc *Sim_EKB_Install_2016_11_25.exe

v2016.11.11 add one info for SICAM 2f596982e0857a6addc0fce8ad5354d2 *Sim_EKB_Install_2016_11_11.exe

v2016.10.26 add one info for TIA Portal v14 191d03600f175d7697c9dabafc1925b6 *Sim_EKB_Install_2016_10_26.exe

v2016.10.11 add one info for TIA Portal v14 58d7b14c9dc7af6c7515296d9baac1c3 *Sim_EKB_2016_10_11_TIA14.exe

v2016.10.10 add some info for TIA Portal v14 bed8861d03f384e411e53b05b99f948 *Sim_EKB_Install_2016_10_10_TIA14.exe

v2016.09.06 add some info for WinCC TeleControl 0317bb0bf48251acab72dab273411860 *Sim_EKB_Install_2016_09_06_TC.exe

v2016.08.16 internal for testing

v2016.07.16 add some info for WinCC WebNavigator v7.4 e190b1c240fe0908c2fc6085bbec413c *Sim_EKB_Install_2016_07_16.exe

v2016.05.30 add some info for PCS7 v8.2 950187a0303ab55fb99d30eb46f0063 *Sim_EKB_Install_2016_05_30_DM.exe

v2016.05.06 add some info for PCS7 v8.2 35e7872a5ad9e769ad06e6c4151f1947 *Sim_EKB_Install_2016_05_06.exe

v2016.04.25 add some info for WinCC v7.4, PCS7 v8.2, TIA Portal v14 89e4224d5710ee2f1d656e5d3ea2c5c5 *Sim_EKB_2016_04_25_WinCC.exe

v2016.04.12 internal for testing

v2016.03.12 add some info for Sinutrain v4.7 bbda2902d76522505a378d03b78632 *Sim_EKB_Install_2016_03_12_Sinutrain.exe private for testing

v2015.11.24 add some info for Braumat v7.0, PDM v9.0 b34930d7d8f0dabf8f8e269aa89aa422 *Sim_EKB_Install_2015_11_14_Bramaut.exe private for testing

v2015.10.22 add some info for PCS7 8.1 SMART station 96440b85e6646e1722ac0387a17f37e3 *Sim_EKB_Install_2015_10_22.exe

v2015.10.21 add some info for SinuTrain v4.7 eee5018351d5d99606c00b41a9df2f0c *Sim_EKB_Install_2015_10_21.exe

v2015.10.14 add some info for Audit v7.3 d767bea8610dc49141f57730853c7743 *Sim_EKB_Install_2015_10_14.exe

v2015.09.04 add some info for Software CPU 1507S //MD5: 589b2b79d3f67007e2ef613b81e411f6 *Sim_EKB_Install_2015_09_04.exe

v2015.08.31 add some info for Safety ES v1.0, Software CPU 1500S //MD5: 7938f4a9c3976c12566ebad1ea7da9bf *Sim_EKB_2015_08_31.exe

04.08 is romanian gypsy fake !!! plc.myforum.ro distribute dangerous fakes !!!

v2015.03.29 add some info for NET v13 //MD5: 542e0e7697460598cec371f5160b62be

v2015.02.10 add some info for Simocode v13 //MD5: 7d5f0a35915f39e0009635f750630adb

v2015.02.01 add some info for Cemat v8.0 //MD5: f4bea40978b125de557fa43845e8377ae

v2014.12.27 add some info for Cemat v8.0 //MD5: c3d7b48a5c0c86a8cdcf4f8d4e29bab

v2014.11.11 add some info for PCS7 v8.1 //MD5: e8ad4a811d8a76ca39ff0ef12248e12f

v2014.11.09 add some info for PCS7 v8.1 //MD5: 50923874052344ddcf031a6a036a224f

v2014.10.02 add some info for PCS7 v8.1 //MD5: 858cbee929bec0a41eb7f94391ce13f7

09.19 is romanian gypsy fake !!! plc.myforum.ro distribute dangerous fakes !!!

v2014.09.13 add some info for SinuTrain v4.5 //MD5: 8a788f25118e84f9f5a6cef6de486fff

v2014.09.13 add some info for Simatic WinCC v7.3/v13, Scout v4.4 //MD5: 91079d4686d72fa0e5a47f556e750539

v2014.08.05 test for Scout v4.4 //MD5: 029d67e86ba859f2cc584c0076420a68

08.01 is romanian gypsy fake !!! plc.myforum.ro distribute dangerous fakes !!!

v2014.07.28 add some info //MD5: 50659cf2c2f972460692ca7ce9461d1

v2014.03.08 add some info //MD5: f40d1b432f529f53002d9514e7a3bf1b
v2013.12.25 add some info for Simatic Net v12 //MD5: 0ade8808e789e6e704e66b0877c1c04f *Sim_EKB_Install_2013_12_25.exe
v2013.12.10 add some info for Simocode v12 // MD5: 10a0c74548ba89b80e98f2664289ba79
v2013.12.02 add some info for PDM v8.1
v2013.12.01 add some info for Softnet Security Client v4.0
v2013.05.26 add some info for [WinCC v7.2](#)
v2013.03.08 fix 1 key for TIA Portal v12
v2013.03.03 add TIA Portal v12, S7-Technology, fix Unicode bug for some new keys folder
v2013.03.01 test add TIA Portal v12 with some bug for all Unicode version from v2012.10.12
v2013.01.21 fix bug with [PID v11.0](#) keys, add some info for D7-SYS v8.0
v2012.10.12 add [Chinese language](#) (possible Cyrillic chars in the European interfaces :) ASCII > Unicode
v2012.09.29 add some info for Easy Motion v11.0, [SinuTrain 4.4](#)
v2012.07.29 add some info for [PID v11.0](#) *but with error :(
v2012.07.23 add some info for [Si motion Scout v4.3](#)
v2012.07.19 add some info for Telecontrol Server Basic v2.0 and fix comment bug
v2012.07.18 add some info for [PDM v6.1](#).
v2012.03.08 add some info for [PCS7 v8.0](#).
v2012.02.26 add some info for [WinCC Flexible 2008 SP3](#), [Simatic Net v8.1](#). Fixed bug of euristic engine.
v2012.01.26 add some info for [Simatic Net v8.1](#)
14/05/2011 add some info for [TIA Portal V11](#)
15/02/2011 This internal version for testing add some keys
11/10/2010 add some info for...
10/10/2010 add one info for "SIK/ SIMATIC S5 PMC IE V7.0" ("A9S5IE70")
09/09/2010 add some info for WinCC DowntimeMonitor, WinAC, fix bug for comp and Virtual Machine with 1 HardDisk partition

09/05/2010 add keys for WinCC Flexible 2008 SP2 options v1.3, Sinaut, [fixed one ALM v5 bug](#)
20/04/2010 add some keys Safety Matrix, PCS7 powerrate, PCS7 CFC AS RT SIPPZASRPX9999A
20/03/2010 add some keys, [option Recommended](#) and info [about closed PLC.NET.RU](#) and reopened <http://plcforum.uz.ua>
26/08/2009 add keys for [TIA Portal v10.5](#), Braumat, [Maintenance Station 2009](#)
04/04/2009 add keys for [WinAC MP 2008](#), [PCS7 v7.1](#)
22/12/2008 add keys for [WinAC 2008](#), [Simatic Net 2008](#), [RF-Manager 2008](#)
20/08/2008 add keys for [WinCC Flexible 2008](#)
24/07/2008 Open [FastCopy v3](#) key option
21/07/2008 add keys for [WinCC v7.0](#)
29/06/2008 add keys for [PID Tools v5.2](#), [D7-SYS v7.0](#), [PowerControl](#), [RF-Manager](#)
14/03/2008 add keys for [Simatic IT](#) and [multikey](#) description
23/02/2008 add keys for [CEMAT v7.0](#), [WinCC v6.2](#) and [PCS7 v7.0](#)
18/02/2008 add keys for [Simocode 2007](#)
15/02/2008 add keys for [DocPro 5.4](#), [WinAC MP 2007](#), [Soft Starter 2007](#) and fix error for "New" folder 07/12/2007 add keys for [Sinema E 2006](#) and fix error for Motor Starter 2007 (but add bug - not install keys from "New" folder)
30/11/2007 add keys for [Motor Starter 2007](#), Net 2007
27/11/2007 add keys for [SmartLabel](#) v3.0 HF1, [WinAC/RTX 2005 SP3](#)
07/11/2007 Add and change some Tags keys for [WinCC v6.2](#) and [PCS7 v7.0](#)

As it is in a stage of development some functions can be not completely accessible or be carried out with flaws
Direct record on a hard disk and Flash memory works. On Flash memory long keys - the list some minutes enter the name only
It is necessary to add direct record of keys on a diskette
It is necessary to correct for the list of keys
In the previous versions there were problems with some short licenses (WinAC, SmartLabel).
In the given version the part of problems is solved.

In far, far years Siemens has charged development of protection for the software products to StopCopy corporation. That has developed protection on the basis of the key files placed on special image to the formatted Yellow diskette - from here and the name.
Thus affirmed, that protection up to that is reliable, that " it will be reliable to preserve your investments ".
Big human thanks experts StopCopy for the done operation in the field of creation of an atmosphere of availability of products of Siemens to broad masses of programmers. It has made program and hardware solutions very popular and demanded worldwide, that has allowed to compete adequately to other manufacturers of automation even in their territory. To take for an example of the USA with and them B&R and General Electric... And accordingly has really saved up the nested investments. In fact iron equally should be bought all from Siemens.

The given program is intended for installation of keys of licenses in case of, when:
There has occurred " a rainy day of the programmer " - the system has fled together with all authorizations, and to work it is necessary, even in remote areas;
When there was a new hot product, and the heads yet does not give money for it.
Simply you wish to study for the general development.

It is developed in connection with release of version ALM 3.0 - the Authorization Licenses Manager after whom, so-called, "fastcopy" long keys of authorization have ceased to work because of their ignoring by this Authorizator.
["Fastcopy" keys](#) could be copied simply in the directory of licenses C:\AX NF ZZ. They used auxiliary "hole" in system of authorization ALM <v3.0 which have been covered with output Step7 v5.4 SP1.

Also additional coding the keys, therefore new keys have been applied are not visible in ALM v2.2.

New keys are incorrectly displayed in old versions of programs EKB_Rename, EKB_Backup and in EKB_Install <v.2007.03.03 and are not visible in ALM v1 and v2.

I do not call to use a software of Siemens in the mercenary purposes. Programs for the industrial purposes basically should be pawned in estimates of projects and be gained on money of the customer.
Very few people will come in a head to put the customer left PCS7 with the left keys and without the certificate on large production.
And for house usage probably there is nothing worse fuss with license diskettes. There were cases when the worn out firm Yellow license started to be showered for Intourist with miss of keys in far remote places without phone and the Internet.
I recommend to buy from Siemens [Premium Studio 2008](#) for 90 euros for acquaintance with Simatic programs

C

Introduction

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The Main Window comprises the following buttons and fields:

Tree with the list of programs and the table with the list of keys
Field for a conclusion of comments and the help information

Line of a choice of language of the interface

[Line of a choice of a disk for installation of keys and the button of updating of the list of disks](#)

[Lines of input of serial numbers](#)

[Line and the button for search of a key by the set word](#)

The button of a call of a window for work with images of Yellow diskettes

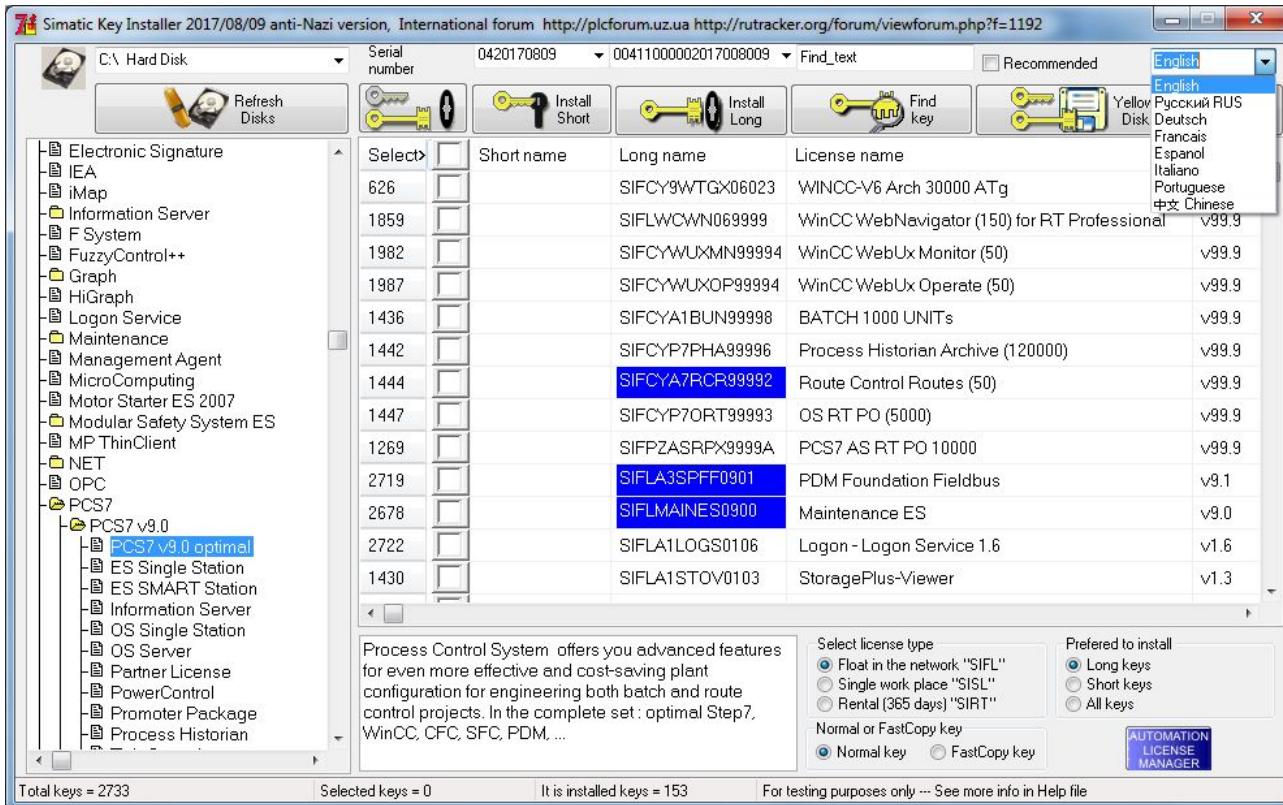
[Field of a choice of preferences of type of the license at installation](#)

[Buttons of installation short, long or all chosen keys](#)

[Select key types for install](#)

[How can you deactivate the Trial License when the message appears indicating that the Trial License has expired, although the Floating License has been installed?](#)

[Install short key from old Siemens.exe](#)



What is the difference between authorizations and license keys?

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What is the difference between authorizations (AuthorsW short keys) and license keys (ALM long keys) ?

<http://support.automation.siemens.com/WW/view/en/19020864>

Configuration Notes:

License keys are the new authorizations as from STEP 7 V5.3. With the new license keys we are implementing a new concept in the licensing of SIMATIC software.

Whereas the authorizations up to and including STEP 7 V5.2 were valid only for a specific version of the software, the license keys as from STEP 7 V5.3 are automatically also valid for the earlier versions of the same software.

This validity however is restricted only to the programs that are licensed with the license keys.

For programs licensed with an authorization only the authorization valid for the version continues to be valid.

Another new feature is that license keys can be stored on a network driver and can then be used by various computers ([floating license](#)).

The options that the SIMATIC world makes available to you with this type of licensing are described in Entry ID [19021092](#).

You can tell from the license number whether a program is protected by an authorization or by a license key. The license number is shown in the Automation License Manager (ALM).

An [authorization license number](#) has ten digits, a license key license number has twenty digits.

Whereas there were earlier only authorizations and emergency authorizations, there are now the following different types of license keys.

Notes on authorizations (AuthorsW short keys):

Authorizations can only be saved and repaired on the original yellow or red floppy disks and installation is only possible on internal hard disk drives and partitions or network drives, but not on USB sticks. To ensure working with the associated software the authorization must be available locally on the hard disk on which the software is installed. Authorizations cannot be transferred via the Internet nor installed on USB hard disks. There is an [emergency authorization X*.EKB](#) on Red or Yellow floppy disk

Notes on license keys (ALM long keys):

License keys cannot be restored on the floppy disks on which they were supplied, but can only be repaired on the PC/PG on which they are actually located. There is no longer an emergency authorization on floppy disk for license keys, because the software is always runnable if a valid license key has already been installed. So if there is a defective license key on the hard disk, working with the software is only interrupted at regular intervals with a message informing you that there is no valid license key available. As from ALM V1.1 SP1 you can also store license keys on USB sticks. A [Trial License Key](#) is installed from the CD. It can be activated via the actual SIMATIC application once for 14 days and is for evaluation purposes. You cannot restore or move the [Trial License Key](#).

Software products that are released for utilization with license keys can also use newer license keys. More information on this is also available in the Online Help of the Automation License Manager under

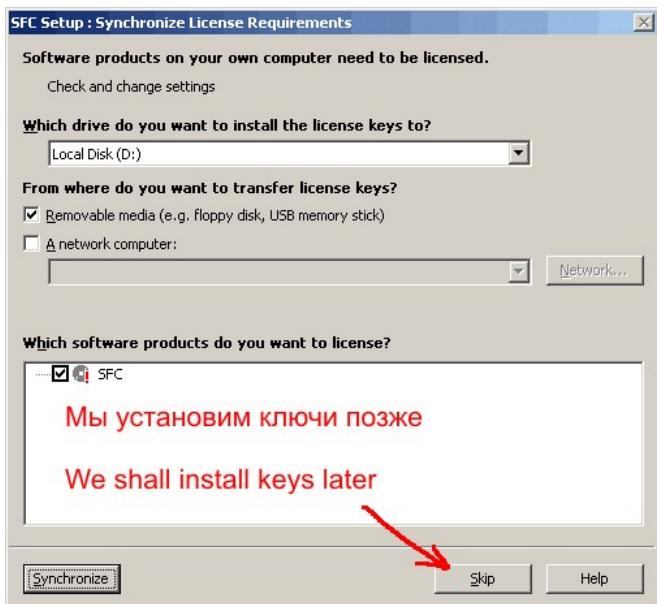
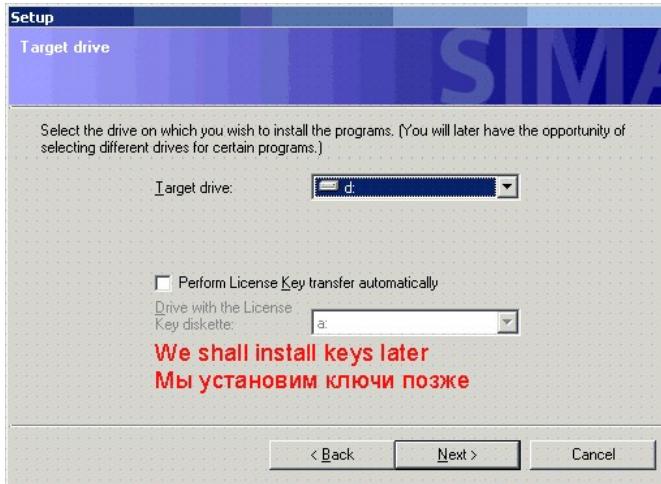
- Notes on utilizing "older" software versions.

See also: [Type of key](#)

We shall install keys later

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During installation of programs Simatic it is refused installation of keys.



Language

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Select one of the available languages in the drop-down list box.



Required keys

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The list of necessary keys for the installed programs.

But this list is not full !

"I don't know all you fantasies..."

Some programs also required others keys !

From tag keys install only one with necessary quantity of tags (an example for CFC in figure).

Simatic Key Installer 2010/03/20 International forum http://plc.net.ru or http://plcforum.uz.ua, links http://DataBridge.narod.ru

C:\ Hard Disk Serial number 0420100320 00401000002010003020 Find text Recommended English

Refresh Disks

Install Short Install Long Find key Show only recommended keys (reduce big list) DISK

Select	Short name	Long name	License name	Version
2	S7PROF54	SIFLS7PROF0504	STEP 7 V5.4 Professional	v5.4
566	A1710454	SIFLA171040504	STEP 7-BASIS V5.4	v5.4
1178	A1CFCM71	SIFLA1CFCM0701	CFC V7.1 Simotion	v7.1
1218	A1CFCN20	SIFLA1CFCN0200	DCC-Editor SINAMICS	v2.0
1179	A1CFCN71	SIFLA1CFCN0701	CFC V7.1 Sinamics	v7.1
1159	A1CFCS71	SIFLA1CFCS0701	CFC V7.1 STEP 7 Option	v7.1
1160	A1CFCU71	SIFLA1CFCU0701	CFC Unlimited Tags	v7.1
667	A1LOGS14	SIFLA1LOGS0104	Logon - Logon Service 1.4	v1.4
424	A1PDIA53	SIFLA1PDIA0503	S7-PDIAG V5.3	v5.3
414	A1PLCS54	SIFLA1PLCS0504	S7-PLCSIM V5.4	v5.4
401	A1S7GR53	SIFLA1S7GR0503	S7-GRAFH V5.3	v5.3
375	A1SCL_53	SIFLA1SCL_0503	S7-SCL V5.3	v5.3
1167	A1VCCH71	SIFLA1VCCH0701	Version Cross Checker V7.1	v7.1
		SIFLA1VME0701		

The list of keys minimum necessary for the installed programs. Install only ONE key with a maximum quantity tags.

Select license type
 Float in the network "SIFL"
 Single work place "SISL"
 Rental (365 days) "SIRT"

Preferred to install
 Long keys
 Short keys
 All keys

Normal or FastCopy key
 Normal key
 FastCopy key

AUTOMATION LICENSE MANAGER

Total keys = 1220 Selected keys = 0 It is installed keys = 60 See more info in Help file

you can view only recommended keys

Simatic Key Installer 2010/03/20 International forum http://plc.net.ru or http://plcforum.uz.ua, links http://DataBridge.narod.ru

C:\ Hard Disk Serial number 0420100320 00401000002010003020 Find text Recommended English

Refresh Disks

Install Short Install Long Find key Show only recommended keys (reduce big list) Yellow Disk Help

Select	Short name	Long name	License name	Version
2	S7PROF54	SIFLS7PROF0504	STEP 7 V5.4 Professional	v5.4
1178	A1CFCM71	SIFLA1CFCM0701	CFC V7.1 Simotion	v7.1
1218	A1CFCN20	SIFLA1CFCN0200	DCC-Editor SINAMICS	v2.0
1179	A1CFCN71	SIFLA1CFCN0701	CFC V7.1 Sinamics	v7.1
1159	A1CFCS71	SIFLA1CFCS0701	CFC V7.1 STEP 7 Option	v7.1
1160	A1CFCU71	SIFLA1CFCU0701	CFC Unlimited Tags	v7.1
667	A1LOGS14	SIFLA1LOGS0104	Logon - Logon Service 1.4	v1.4
424	A1PDIA53	SIFLA1PDIA0503	S7-PDIAG V5.3	v5.3
1167	A1VCCH71	SIFLA1VCCH0701	Version Cross Checker V7.1	v7.1
1168	A1VERT71	SIFLA1VERT0701	Version Trail	v7.1
1180	A1VXME71	SIFLA1VXME0701	Version Cross Manager V7.1	v7.1
1181	A1VXMI71	SIFLA1VXMI0701	Version Cross Manager (Import) V7.1	v7.1
1047	A1WPC270	SIFLA1WPC20700	WINCC Advanced Process Ctrl	v7.0
		SIFLA1VME0701		

The list of keys minimum necessary for the installed programs. Install only ONE key with a maximum quantity tags. Or use checkbox "Recommended".

Select license type
 Float in the network "SIFL"
 Single work place "SISL"
 Rental (365 days) "SIRT"

Preferred to install
 Long keys
 Short keys
 All keys

Normal or FastCopy key
 Normal key
 FastCopy key

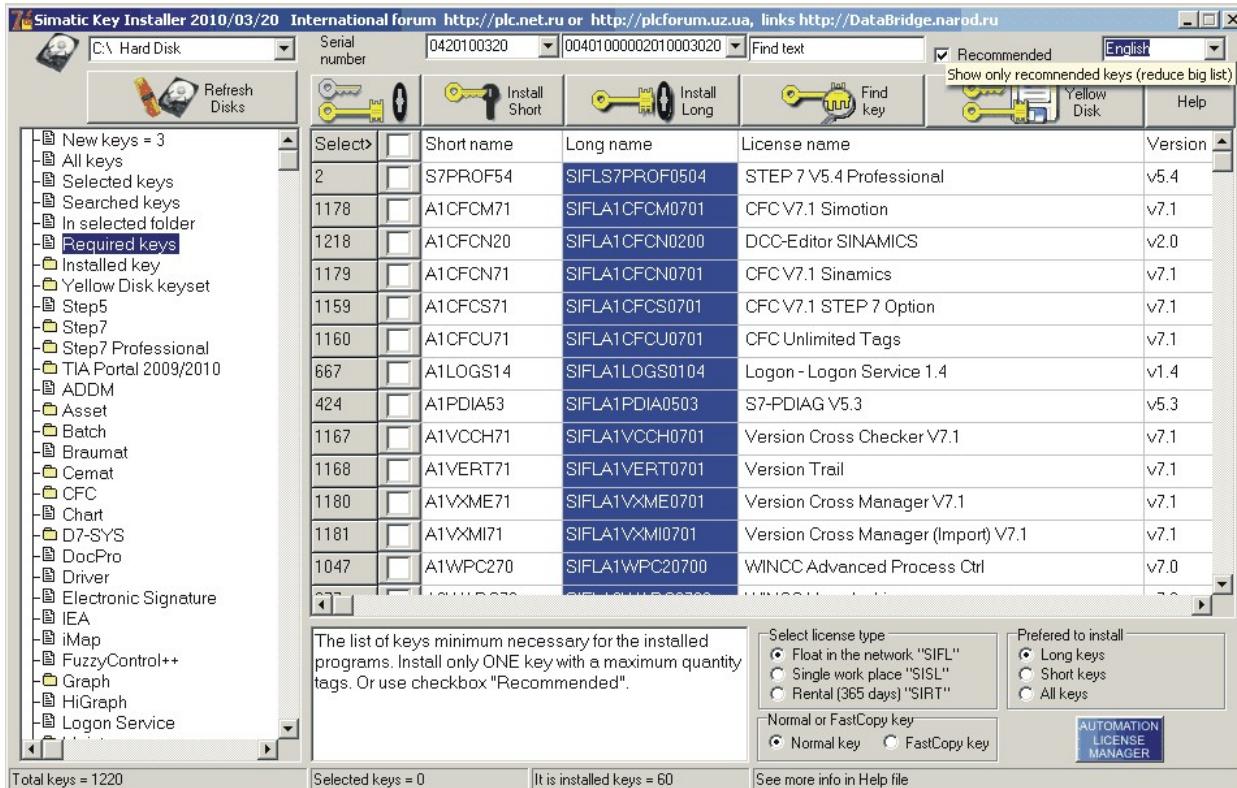
AUTOMATION LICENSE MANAGER

Total keys = 1220 Selected keys = 0 It is installed keys = 60 See more info in Help file

Recommended

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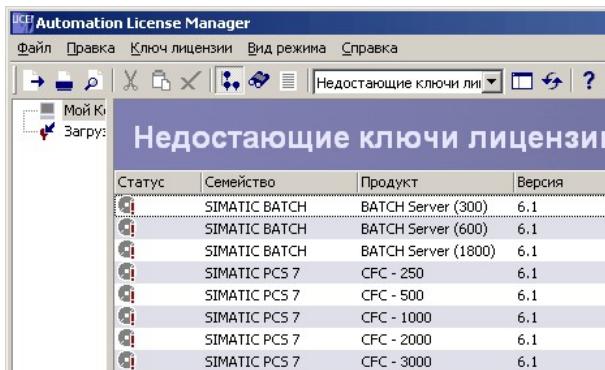
you can view only recommended Required keys



Missing keys

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You can specify names of missing keys in the manager of licenses ALM



Bundle keys

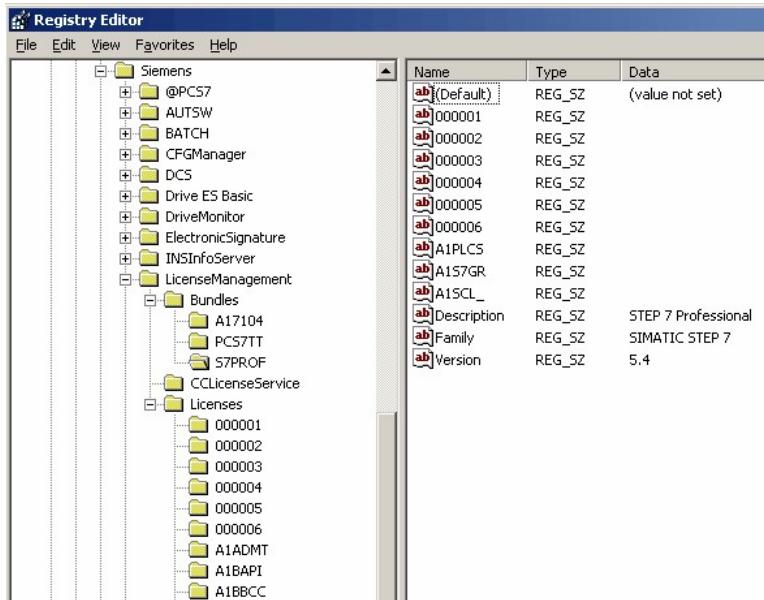
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Complex key **S7PROF*** for professional version STEP7 can be used instead of 4 separate keys **A1T104*, A1PLC_*, A1S7GR*, A1SCL_***.

SIFLS7PROF1100.EKB STEP 7 V11 Professional **combo** key for use with STEP7 Professional version v5.5 and v11.0

SIFLA9XEP11100.EKB WinCC flexible Advanced **combo** key for use with WinCC flexible 2008 and WinCC Advanced v11.0

Key **PCS7TT*** for program PCS7 can be used instead of the whole complete set of keys.



Displaying the Installed License Keys

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Displaying the Installed License Keys

You can view all installed license keys using the line "Installed only" in the tree view or select the drive in the list

	Select	Short name	Long name	License name
-	<input type="checkbox"/>	446	A1LOGS13	SIFLA1LOGS0103
-	<input type="checkbox"/>	9	PCS7TT61	SIFLPCS7TT0601
-	<input type="checkbox"/>	1	S7PROF54	SIFLS7PROF0504
-	<input type="checkbox"/>	408	A1S5BP66	STEP5/ST-BASIS PC V6.6
-	<input type="checkbox"/>	407	A1S5BP70	STEP 5/ST BASIS V7.0
-	<input type="checkbox"/>	3	RTASS561	SIFLRTASSA0601
-	<input type="checkbox"/>	4	RTASS461	SIFLRTASS40601

Select key

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For a choice of a key press on Check Box.

Repeated pressing will cancel a choice.

For a choice of all keys in current section press Check Box in the first line.

Repeated pressing will cancel a choice in current section.

Select	Short name	Long name	License name
<input type="checkbox"/>	1	Select all key in this group	SIFLS7PROF0504
<input checked="" type="checkbox"/>	2	S7PROF53	SIFLS7PROF0503



Find key

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Full-text search is a search for a word or a word combination through the complete text of all entries in the database.
Type the necessary word or word combination in the Edit line or copy them from the Clipboard and click "Find key" button.

For example:

- part of key name [Step](#) or [Step prof](#)
- part of filename [s7prof](#)

The screenshot shows a software interface for managing license keys. At the top, there is a toolbar with various icons and buttons. A red arrow points to the 'Find key' button, which is highlighted in yellow. Another red arrow points to the 'Find' option in a dropdown menu on the left side of the interface. The main area is a table displaying search results:

	Select	Short name	Long name	License name
1	<input type="checkbox"/>	S7PROF54	SIFLS7PROF0504	STEP 7 V5.4 Professional
2	<input checked="" type="checkbox"/>	S7PROF53	SIFLS7PROF0503	STEP 7 V5.3 Professional

The table displaying the list of entries containing the search pattern you entered.

I always use this option



Unknow keys

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Example of new keys after installation of new programs.

Simatic Key Installer 2007/04/04 International forum http://plc.net.ru

	Short name	Long name	License name	Version
731	A9SDC140	SIFLA9SDC10400	System Diagnostics - CPUs 400	v4.0
732	A9SDPB40	SIFLA9SDPB0400	System Diagnostics - PB Slave	v4.0
733	A9SDPN40	SIFLA9SDPN0400	System Diagnostics - PN Devices	v4.0
734	A1S7TS61	SIFLA1S7TS0601	SIMATIC TeleService	v6.1

Popup menu

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You can:

- Copy text to clipboard
- Save the current table
- Create Yellow Disk image file with 1 key

	Short name	Long name	License name	Version
2	S7PROF53	SIFLS7PROF0503	STEP 7 V5.3 Professional	
567	A1710453	SIFLA171040503		
568	A1710452			

Copy text to clipboard: STEP 7 V5.3 Professional
 Save table to text file: Installed key.txt
 Create YD with 1 key : SIFLS7PROF0503

FastCopy keys v3.0

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Second generation of LONG FastCopy license keys anew work with ALM v3 and ALM v4.0

"Fastcopy" keys could be copied simply in the directory of licenses C:\AIX NF ZZ.

"Fastcopy v1" used auxiliary "hole" in system of authorization ALM <v3.0 which have been covered with output Step7 v5.4 SP1.

It is developed in connection with release of version ALM 3.0 - the Authorization Licenses Manager after whom, so-called, "fastcopy" long keys of authorization have ceased to work because of their ignoring by this Authorizator.

"Fastcopy v3" work without problems with ALM v3 and ALM v4.0.



Only FastCopy key from EKB_Install is really FastCopy key.
"Fixed" and "FastCopy" key from EKB_Backup (by Fubrus) have bugs.

but wait ALM 4.1



Installing License Keys

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You can install one key or group of the chosen keys on the specified flexible, rigid disks or external USB a disk (Flash stick or Flash card in cardreader).
Thus there are some variants.



It is possible to choose one of variants of installation chosen keys:

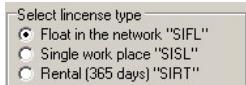
1. All - [short](#) and [long](#)
2. Only [long](#)
3. Only [short](#)
4. Installation with preference:

- Are installed long and if is not present long for the chosen type of the license the short variant of a key is installed.
- Are installed short and if is not present short for the chosen type of the license the long variant of a key is installed.

Select [type of keys: Float, Single, Rental, Long, Short](#)



Thus on the button of the general installation the picture according to a choice varies.

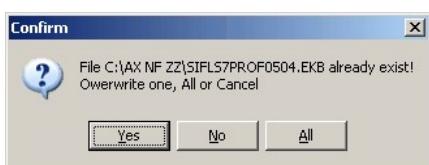


If you connect or disconnect replaceable carriers during work of the program for updating the list of carriers{bearers} press the button "To update the list of disks".
Again connected carrier will appear in the list.

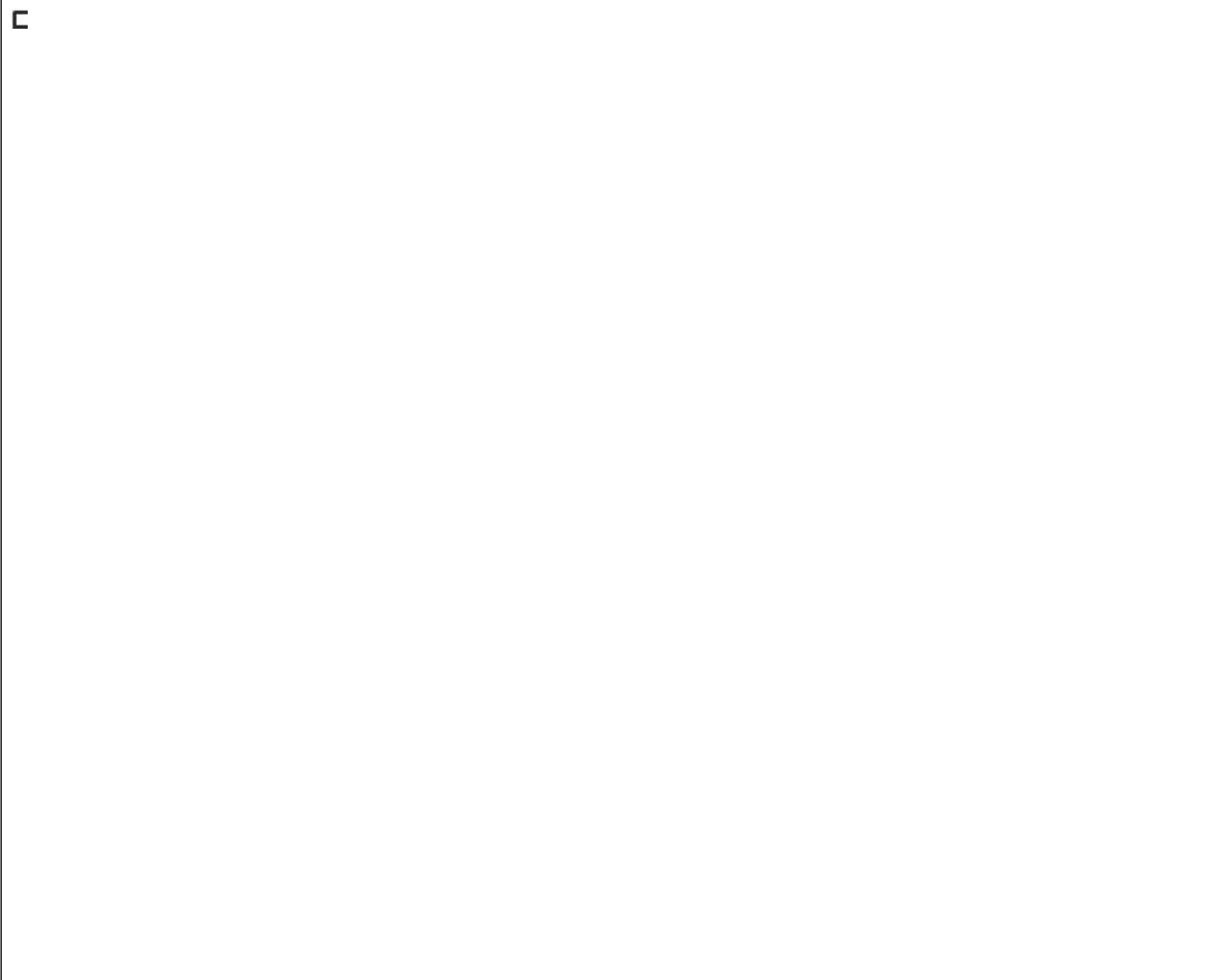
After installation corresponding names of keys will be painted

<input checked="" type="checkbox"/> S7PROF54	SIFLS7PROF0504	STEP 7 V5.4 Professional
<input checked="" type="checkbox"/> S7PROF53	SIFLS7PROF0503	STEP 7 V5.3 Professional

If the key is already installed on a disk there will be a window with the request to confirm installation atop of available.



[****]



[See Check of keys after installation](#)

[****]

Old Siemens.exe

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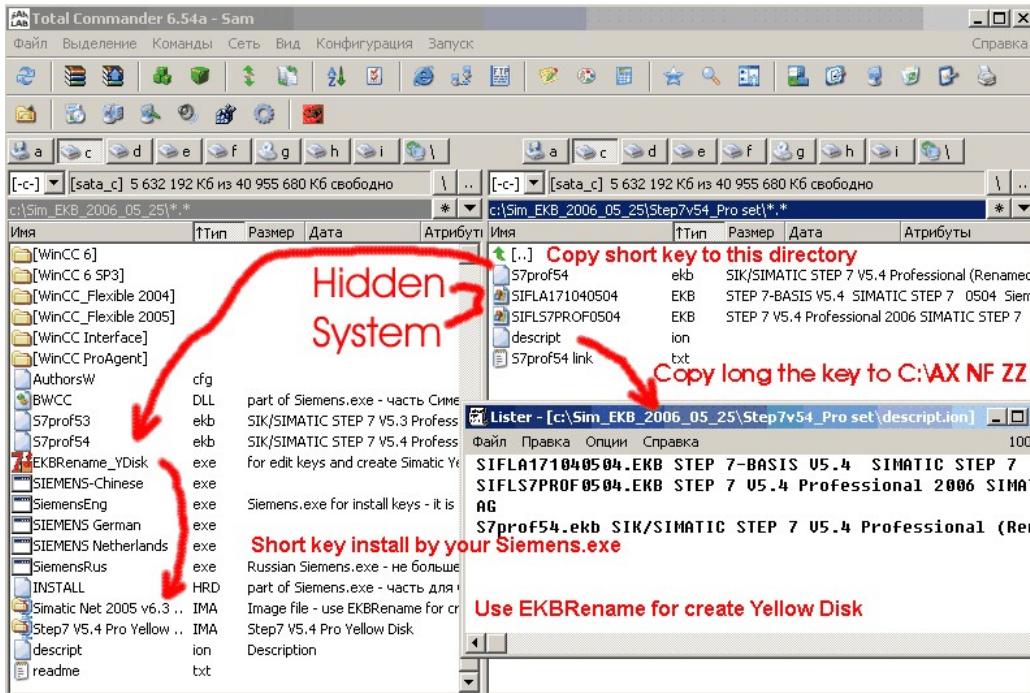
For installation of [short keys](#) from a set it is possible to use program Siemens.exe.

Copy in the catalogue with the program demanded keys (no more than 100 keys lumpsum) and start the program.

c:\AX NF ZZ**				c:\Short_keys**			
Name	Ext	Size	Date	Name	Ext	Size	Date
..	<DIR>	12.0		..	<DIR>	11.05.2007 16:38	
				[SmartLabel]	<DIR>	11.05.2007 16:38	
				[StepR_v5.4_Pro set]	<DIR>	11.05.2007 16:38	
				AuthorSW	cfg	92	03.11.1999 09:58
				BWCC	DLL	164 928	07.09.1994 19:33
				SIEMENS-Chinese	exe	40 192	28.06.2002 21:28
				SiemensEng	exe	40 192	30.06.1999 19:22
				SIEMENS German	exe	40 192	17.08.2005 13:39
				SIEMENS Netherla..	exe	40 192	30.06.1999 19:22
				SiemensRus	exe	40 192	19.02.2003 14:19
				View_me	gif	37 269	25.05.2006 19:17
				INSTALL	HRD	512	19.12.1998 21:07
				descript	ion	301	11.05.2007 16:40
				readme	txt	35 215	15.11.2006 18:18

**Copy keys to folders with
Siemens.exe**

0 k / 0 k in 0 / 0 files 0 k / 428 k in 0 / 11 files, 0 / 2 dir(s)



If in the catalogue with Siemensexe there are no keys at start the following message will be show.



Type of key

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Licenses in the Automation License Manager



The standard license types and license types listed below are available:

Standard License Types	Description	
Single license SISL*.EKB and all <u>short keys</u> (not X*.EKB)	Use of the software with this license is permitted on any one computer for an unlimited period. The type of usage is defined by the certificate of license.	Unlimited use on any one computer. Unlimited by time Count tags relevant license
Floating license SIFL*.EKB	Use of the software with this license includes right of use for simultaneous usage for an unlimited period. The software can be installed at multiple locations.	Unlimited use on any one computer or via the network. Unlimited by time Count tags relevant license
Count relevant license SIFC*.EKB	Use of the software with this license is limited to: <ul style="list-style-type: none"> The number of tags stipulated in the agreement 	Count tags relevant license
Rental license SIRT*.EKB	Use of the software with this license is limited to: <ul style="list-style-type: none"> The number of hours stipulated in the agreement SIMF*.EKB The number of days after first use as stipulated 	Limited use as stipulated in the rental contract. Limited by time: 1..50 hours 1...N days To install 365 days Rental keys:

SIMF*.EKB	<p>in the agreement SIRT*.EKB</p> <p>Note: the time remaining for the rental license is indicated in the information area of the tooltips taskbar.</p>	<p>Select licens type</p> <p><input checked="" type="radio"/> Float in the network "SIFL"</p> <p><input type="radio"/> Single work place "SISL"</p> <p><input type="radio"/> Rental (365 days) "SIRT"</p>
Trial license SITT*.EKB	<p>Use of the software with this license is limited to:</p> <ul style="list-style-type: none"> • A validity period of, for example, a maximum of 14 days. • A specific number of days after first use • Use for testing and validation (excludes liability) 	<p>Limited use (max. 14 days) for tests and for validating (with disclaimer).</p> <p>Limited by time = 14 days</p> <p>Count tags relevant license</p> <p>A SITT*.EKB Trial License Key is installed from the CD.</p> <p>It can be activated via the actual SIMATIC application once for 14 days and is for evaluation purposes.</p> <p>You cannot restore or move the Trial License Key. But...</p>
emergency authorization X*.EKB	<p>Use of the software with this license is limited to:</p> <ul style="list-style-type: none"> • A validity period of, for example, a maximum of 14 days. • A specific number of days after first use • Use for testing and validation (excludes liability) 	

License Types	Description	
Unlimited license	Use of the software with this license is unlimited.	
Count relevant license (Tags) SIFC*.EKB	<p>Use of the software with this license is limited to:</p> <ul style="list-style-type: none"> • The number of tags stipulated in the agreement (for WinCC, PDM, CFC and others). • The number of PowerObjects (PO) stipulated in the agreement for PCS7 v7. PO ~ Tags 	SIFCY9WTGX06001
Pay per use license SIFP*.EKB	<p>Use of the software with this license is limited to the use conditions stipulated in the agreement.</p> <p>Number of Clicks !?</p>	SIFPZASRPX99991
Demo license	<p>Use of the software with this license is limited to:</p> <ul style="list-style-type: none"> • The number of hours stipulated in the agreement • The number of days after first use as stipulated in the agreement <p>Note: the time remaining for the demo license is indicated in the information area of the Quick Info taskbar.</p>	
Contract license	Use of the software with this license is unlimited.	
Upgrade license SIUP*.EKB SIPP*.EKB	<p>An upgrade may call for specific system status requirements:</p> <ul style="list-style-type: none"> • An upgrade license enables you to convert an "old" version V to a version >V+... license. • An upgrade may be required, for example, if you wish to increase the number of computers running an application. 	<p>Keys for updating the license consist of two keys *.EKB and *.UPG.</p> <p>No need wait SIUP* key.</p> <p>I haven't Upgrade keys.</p> <p>Install on SIFLA9WRC7060*.EKB WINCC-V6 RC 256K PTg 512 ATg</p> <p>see more about upgrade keys</p>

Missing license key

A license key that is required by the software but is not available in a "valid" form on the network is designated as a missing license key.

CAL license

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Question:

If it is the license from Microsoft as the information on presence CAL of the license is entered into a computer-client, in fact on it there are no installations MS SQL Server, especially, ALM?

In what kind it is bought the CAL-license (is delivered)?

The answer:

The license for a paper. Accordingly, she is not entered neither into a computer, nor in ALM.

Installation of Trial keys

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For some programs it is possible to install temporary [Trial keys](#) for the term of from several o'clock about a year of work.

A **SITT*.EKB** Trial License Key is installed from the CD.

It can be activated via the actual SIMATIC application once for 14 days and is for evaluation purposes.

You cannot restore or move the Trial License Key, but you can [remove of Trial keys and their traces](#) and reinitialize Trial key anew.



During installation of a temporary key in catalogues **Windows** and **Windows \System32** catalogues ***attis** with one empty file are created.
Temporary key **SITTA*.ekb** is installed in catalogue **C:\AX NF ZZ**

After the ending of term of work it is necessary to remove Trial keys and their traces.
Otherwise problems are possible at work of normal keys.

Remove Trial keys (official)

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<http://support.automation.siemens.com/WW/view/en/24200966>

How can you deactivate the Trial License when the message appears indicating that the Trial License has expired, although the Floating License has been installed?

Instructions:

Once activated the [Trial License](#) is valid for limited use up to a maximum of 14 days of the SIMATIC Software for tests, for example. If after expiry of this time you install a license for unlimited use (Single, Floating or Upgrade License) and after installation you still receive the message indicating that the Trial License has expired, we recommend deleting the Trial License in the "AX NF ZZ" folder.

Procedure for deleting a Trial License

1. Open the ALM in MS Windows via

- "Start > SIMATIC > License Management > Automation License Manager"

and mark the drive (e.g. "C") on which your licenses are installed. Displayed in the right window of the Automation License Manager is the table of the licenses installed. For viewing the licenses you need the file name (License Key) and the 20-digit license number. If these columns are not yet displayed, then via

- "View > Define..."

you open the "Define View" dialog. In the bottom section of this dialog you select the "Columns" tab and then "License key" and "License number".

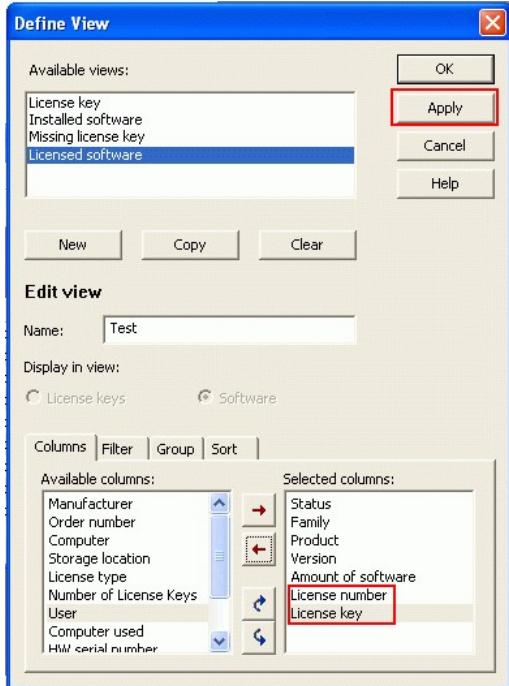


Fig. 01

Then you enter a name under "Edit view" and click the "Apply" button. Acknowledge with OK and the "License key" and "License number" columns appear in the Automation License Manager.

2. In the Explorer you mark the "AX NF ZZ" directory on your hard disk or on drive "C", so that the file names of the licenses are displayed in the right window of the Explorer.

If the "AX NF ZZ" directory or the files in that directory are not visible, then open the dialog "Tools > Folder options..." and select the "View" tab:

- Here you deactivate the option "Hide protected operating files (Recommended)" and
- Activate the option "Show hidden files and folders".

Then click on the "Apply" button and acknowledge with "OK".

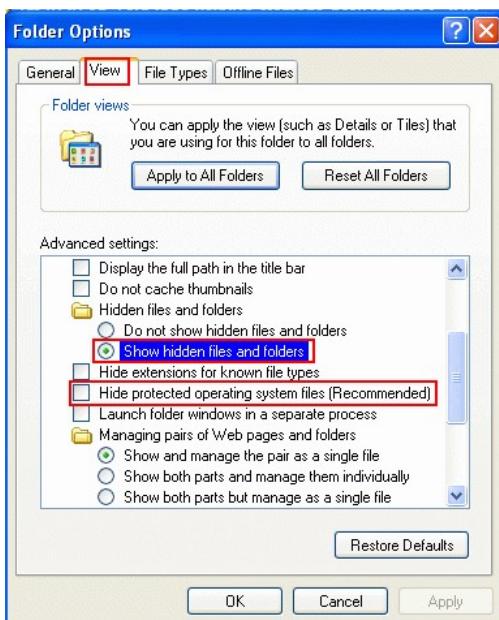


Fig. 02

The "AX NF ZZ" directory is then displayed in the Explorer.

3 Now in the Automation License Manager compare the file name (License Key) of the Trial License with the file name in the "AX NF ZZ" folder. Via the view set in the Automation License Manager you determine the file name for the Trial License to be deleted (Fig. 03) that you then find in the "AX NF ZZ" folder.

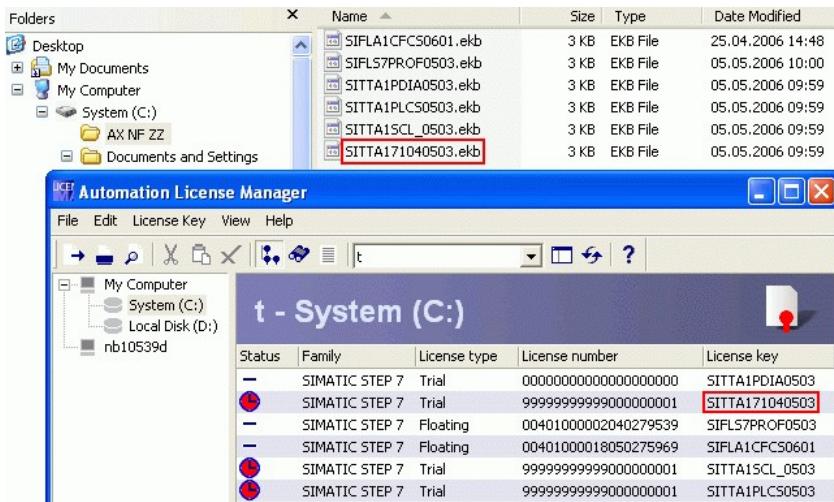


Fig. 03

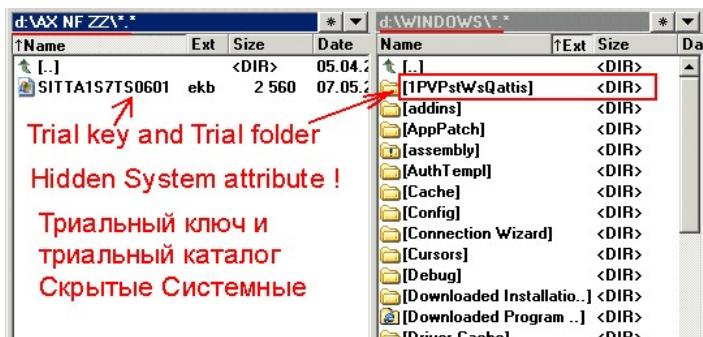
4 Mark the Trial License found in the "AX NF ZZ" directory and right-click. Then select "Delete" in the pop-up menu that opens. After deletion the message described above will no longer appear.

But need also: [Removal of Trial keys and their traces](#)

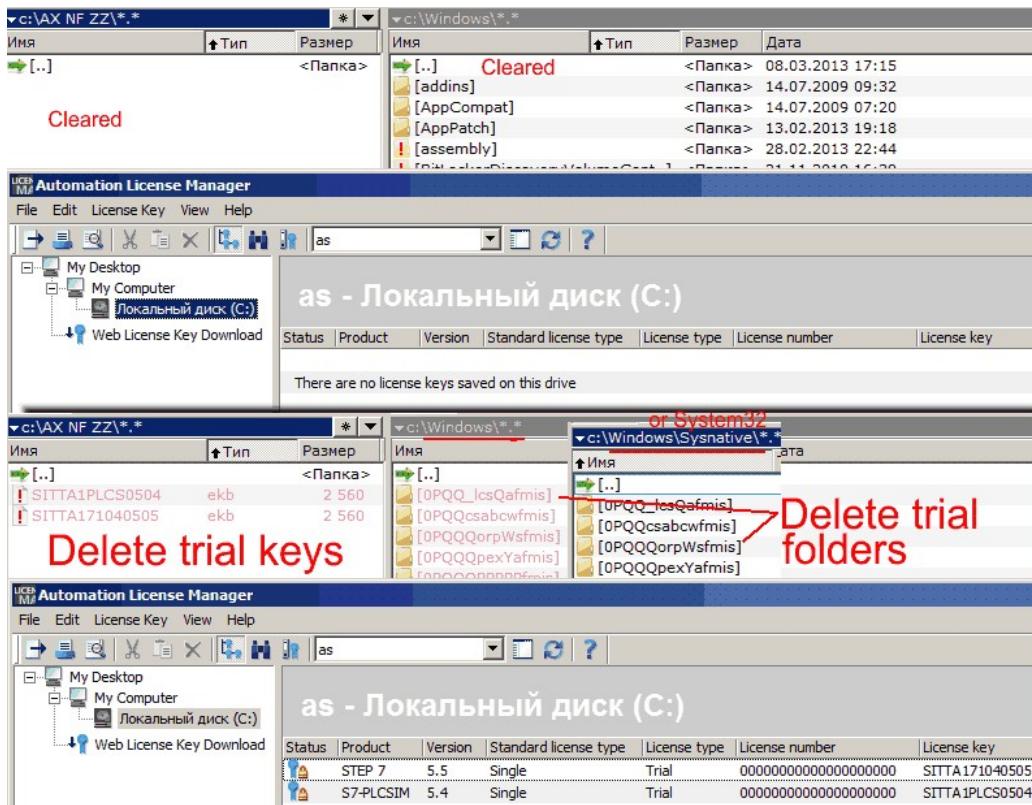
Removal of Trial keys and their traces

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After the ending of term of work it is necessary to remove [Trial keys](#) and their traces *attis in folders [Windows](#) и [Windows\System32](#) or [Windows\Sysnative](#). Otherwise problems are possible at work of normal keys.



After removal of Trial keys and their traces in C:\Windows, C:\Windows\System32 or C:\Windows\Sysnative (for W7 x64) it is possible to install Trial keys again



See also: [How can you deactivate the Trial License](#)

Check of keys after installation

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After installation of keys it is required to lead procedure of check of a key in program ALM.
Otherwise in some cases at start of the program you can see the warning of absence of a key which you have just installed.

C

License Number

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License Number

The license number is the unique identifier of a license.

There are 2 lines for input of serial numbers, so-called [ID KHE](#), usually specified on yellow license diskettes and applied certificates.

Serial number

10 symbolical number is intended for short keys.

20 symbolical number is intended for long keys.

You can not change these numbers, and give it to make to the program or select one of the available serial numbers of installed keys in the drop-down list box.

Serial number 

0123456789
0420061227
0420061228
0420070112



Select disk

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Storage Location for License Keys

You can store license keys on storage media such as license key diskettes (for authorizations, on authorization diskettes) or on removable drives (but not on CD, CDRW) or USB memory sticks.

License keys can be located locally on your own computer as well as on a network computer.

Drive (hard disk, floppy drive, USB memory stick) on a computer (My Computer or network computer) where a license key is or can be stored.

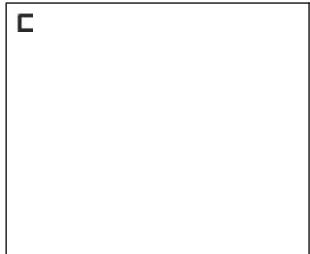
Choose a disk for installation of keys by means of the dropping out list.



In case of if during work it is inserted or the replaceable carrier{bearer} is taken out (for example USB Flash) it is required to press on the button " To update the list "



After that in the list the current set of disks will be displayed.



There are restrictions of programs of authorization AuthorsW and ALM.
Short keys cannot be transferred(carried) on the replaceable carrier and to install from it.

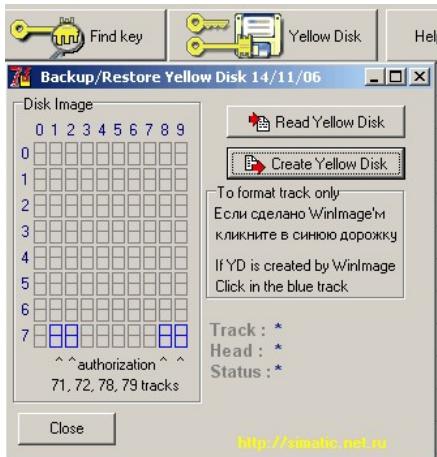
Yellow disk

As from STEP 7 V5.4 SP2 the license is supplied on a USB stick.

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The button of a call of a window for work with images of Yellow diskettes



By means of this utility it is possible to create Yellow a diskette from images of several types:

IMA, IMZ - WinImage

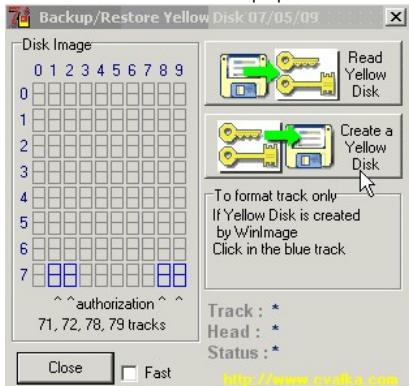
IMG - FloppyImage

BIN - FDA (Floppy Disk Analyzator for DOS)

*Compressed images in format **IMZ** (WinImage) should be unpacked preliminary in a file with expansion **IMA**.

On end of record the "license" path will be formatted.

At the moment Siemens for this purpose uses tracks from 71 up to 79.



If you have already created Yellow a diskette in other program (in the same WinImage or FloppyImage), That you can format separately separately a "license" path, having pressed on a corresponding cell.

Correctness of creation of a diskette can be checked up in the program of authorization AutorsW or ALM, Having chosen check of integrity of any key.

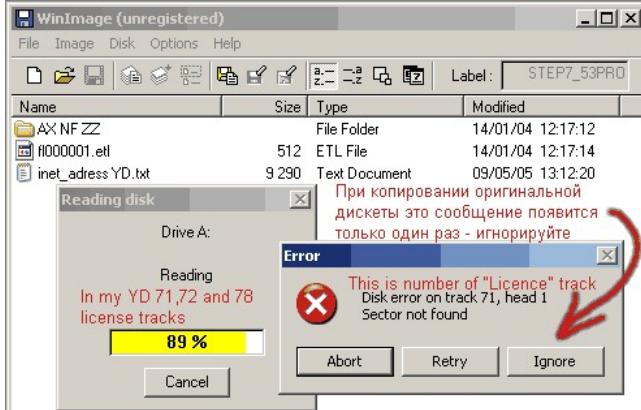
On characteristic "gnash" of the step-by-step engine of moving of a head it is possible to define{determine} also about success of procedure.

If you will not hear "gnash" - the diskette means was created incorrectly or the necessary path has not been formatted.

In this case can format consistently paths from 71 up to 79 and check in integrity in ALM.

For reading firm Yellow diskettes in a file-image can use the button " Read Yellow Disk " or consider{count} through program WinImage.

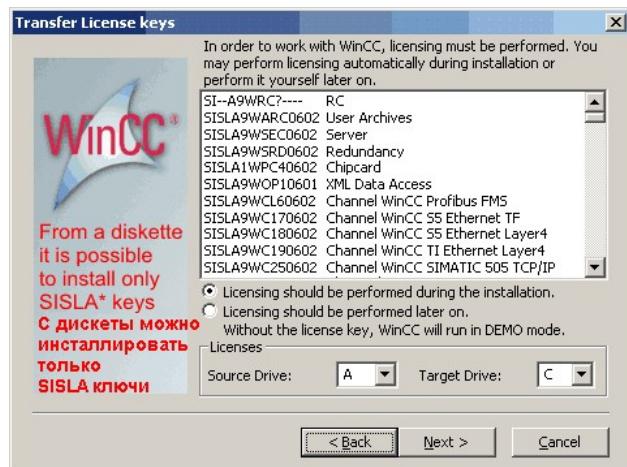
At attempt of reading of "license" path WinImage will give out the prevention{warning} of a mistake{an error} of reading. Press button " Ignore " for continuation of creation of an image. Can remember number of this path for formatting in our program.



If the error of reading has occurred in the beginning or the middle firm diskettes then this a diskette has already started to become unfit for use. Diskettes written down by program FDA contain many paths wrongly formatted non-standardly - also ignore these errors.

Not leaving from WinImage you can just write down the received image on duplicating a diskette and then to format a "license" path in our program.

For some programs (in particular WinCC and WebNavigator) from a diskette it is possible to install only SISLA keys.
On what that to reason SIFLA* keys are ignored at installation - their names are rigidly hammered in Setup.

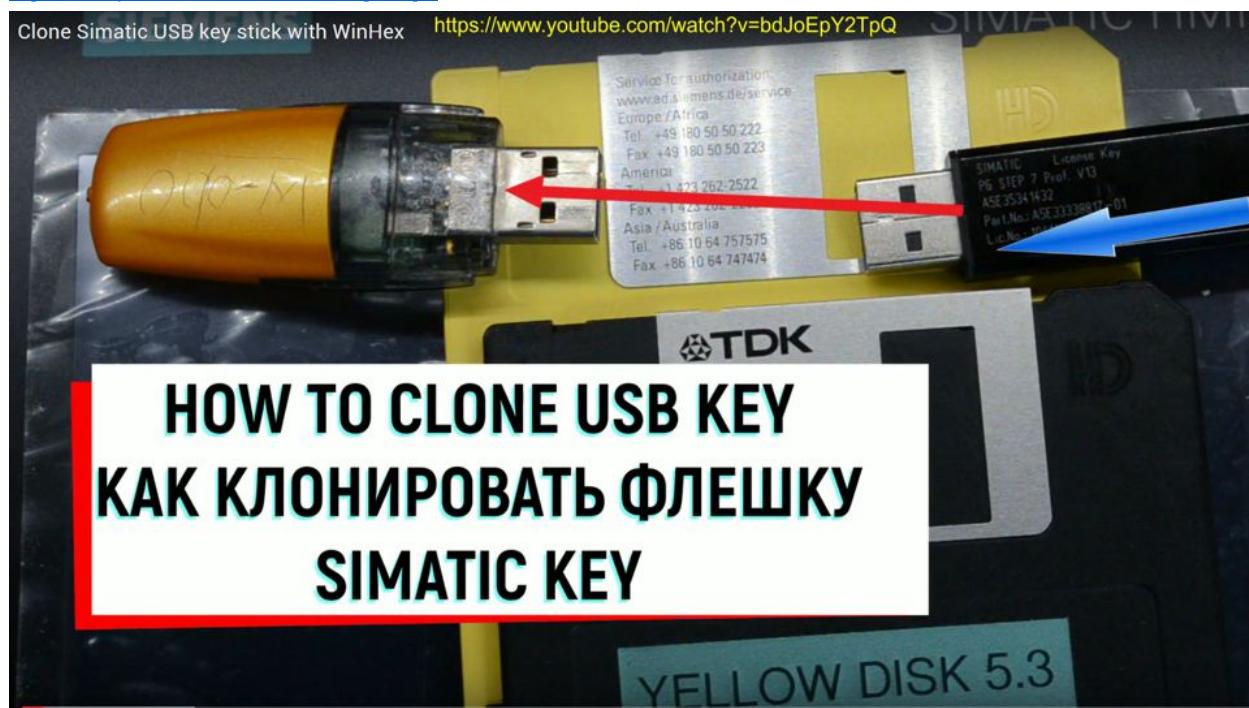


Yellow Flash and Clone

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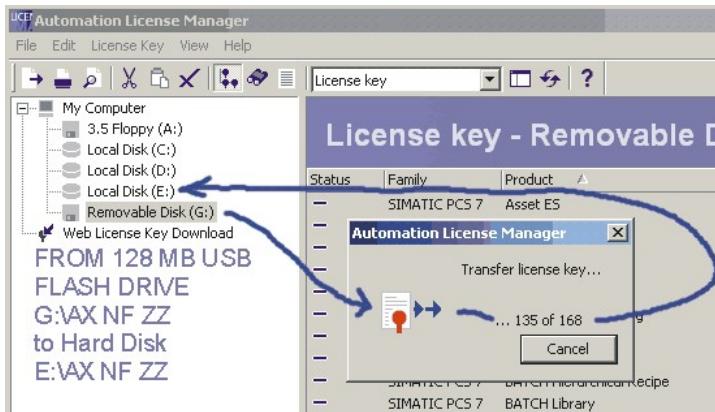
Video How to clone a USB stick

<https://www.youtube.com/watch?v=bdJoEpY2TpQ>

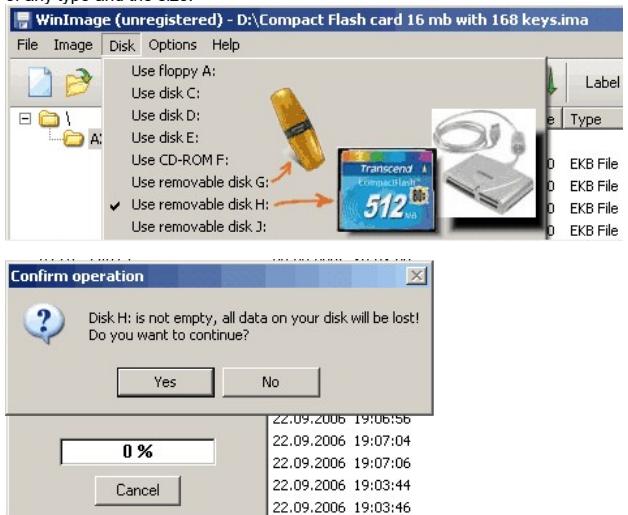


As from STEP 7 V5.4 SP2 the license is supplied on a USB stick.

At use of program ALM began possible{probable} to apply as the carrier of [long keys](#) Flash memory.



You can transfer long keys on Flash memory and by means of program WinImage to make an image of this Flash, and then to restore all keys from this image Flash memory of any type and the size.



ALM

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The Automation License Manager is a product of Siemens AG Automation & Drives Group.

It is used to manage license keys (the technical form of licenses).

Software products requiring a license key automatically report this requirement to the Automation License Manager.

When the Automation License Manager finds a valid license key for this software, the software can be used in conformity with the end user license agreement.

It is developed in connection with release of version ALM 3.0 - the Authorization Licenses Manager after whom, so-called, "fastcopy" long keys of authorization have ceased to work because of their ignoring by this Authorizer.

"Fastcopy" keys could be copied simply in the directory of licenses C:\VAX NF ZZ. They used auxiliary "hole" in system of authorization ALM <v3.0 which have been covered with output Step7 v5.4 SP1.

Also additional coding the keys, therefore new keys have been applied are not visible in ALM v2.2.

New keys are not visible in ALM v1 and v2.

C

transferring a license key to a PC without floppy disk drive

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What options are there for transferring a license key to a PC without floppy disk drive?

Configuration Notes:

For some time now computers have been produced without a floppy disk drive. However, in order to install certain automation software products you need a floppy disk drive to install the license keys supplied on floppy disk.

Using the Automation License Manager you can install the licenses on a PC without floppy disk drive as follows.

Transport Medium	License Key Type	
	Authorization (e.g. STEP 7 V5.2)	License Key (e.g. Floating License Key STEP 7 V5.3)
External floppy disk drive with USB interface	X	X
USB stick as transfer medium from one computer with floppy disk drive to a computer without floppy disk drive	--	X
Second computer with floppy disk drive in the company network and transfer via the network	X ¹⁾	X ¹⁾
Second computer with floppy disk drive and offline transfer (see Help of the Automation License Manager)	X ¹⁾	X ¹⁾

¹⁾ The Automation License Manager must also be installed on both computers.

Note:

You can recognize a License Key in the Automation License Manager by the twenty-digit license number.
An authorization has a ten-digit license number.

Multikey

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SIFLA1PLCS0504	ekb	8 960	13.03.2008 08:35
✓ SIFLA1PLCS0504	57-PLCSIM	V5.4	00401000002008003015 L:\
✓ SIFLA1PLCS0504	57-PLCSIM	V5.4	00401000002008003010 L:\
✓ SIFLA1PLCS0504	57-PLCSIM	V5.4	00401000002008003011 L:\
✓ SIFLA1PLCS0504	57-PLCSIM	V5.4	00401000002008003012 L:\
✓ SIFLA1PLCS0504	57-PLCSIM	V5.4	00401000002008003013 L:\
✓ SIFLA1PLCS0504	57-PLCSIM	V5.4	00401000002008003014 L:\

6 keys in ONE file !

You can move keys with different serial number to one disk.

File size = 1280 x (Nkey + 1)

6 ключей в одном файле !

Можно копировать ключи с разными серийными номерами на один диск.

Размер файла = 1280 x (Nключей + 1)

Problems

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[List index out of bounds](#)

[Problems with ALM v3.0 HF3](#)

[Problems with WinCC](#)

[Problems with WinCC Archive v6.2](#)

[Problems with PCS7 v7](#)

[I need SIUPA9WRC5--3 POWERPACK \(upgrade\) KEY ?](#)

key_for_PCS7_v8.0

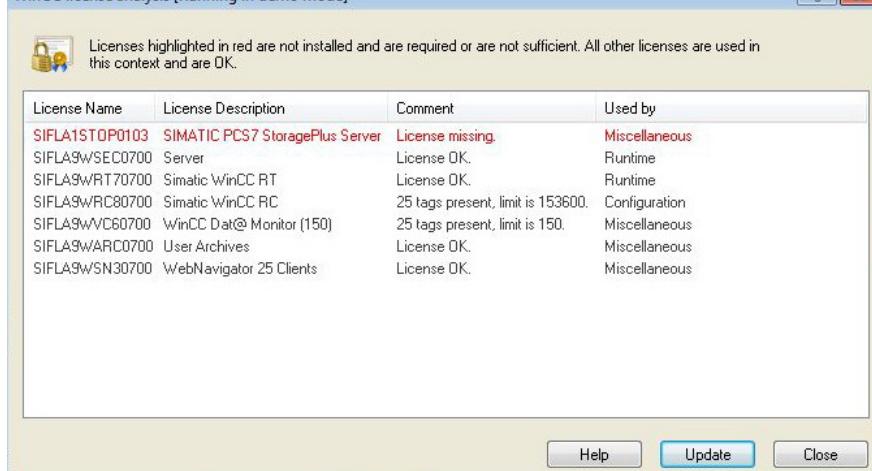
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Part of the key branches in PCS7 v8.0

another part can be taken from branches WinCC v7.0

In v8.0 improved diagnosis, associated with the keys - so you probably will be easier to find the [missing keys](#)

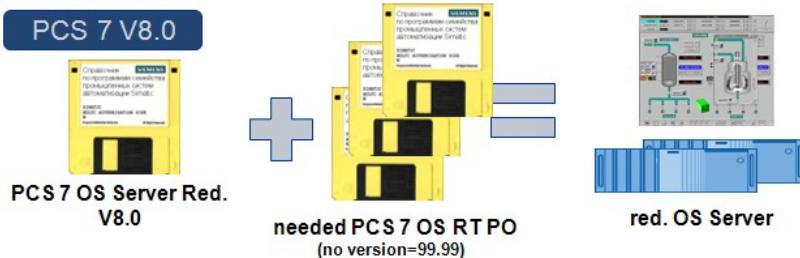
WinCC license analysis [Running in demo mode]



After installation of the key need testing of keys in the ALM and restart WinCC

PCS7 v8.0 and key9999

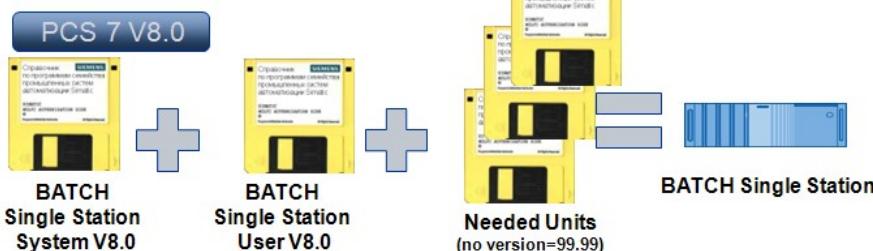
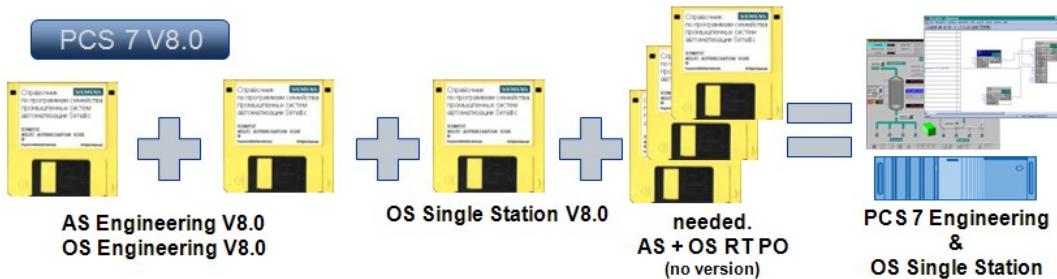
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SIFLP7OSRE0800 + SIFCYP7ORT9999*
bundle key "SIFLP7OSRE0800" "OS Server Redundancy"
include keys:
"SIFLP7REDU0800" "OS Redundancy"
"SIFLP7SERB0800" "OS Server Basic"
"SIFLP7SISB0800" "OS Single Station Basic"



SIFLP7OSES0800 +	SIFLP7OSES0800
bundle key "SIFLP7ASES0800" "AS Engineering"	bundle key "SIFLP7OSES0800" "OS Engineering"
include keys:	include keys:
"SIFLA171040505" "Step 7 5.5" "SIFLA1CFCU0800" "CFC unlimited 8.0" "SIFLA1DOCP0504" "DocPro5.4" "SIFLA1SCL_0503" "SCL 5.3" "SIFLA1SFC_0800" "SFC 8.0" "SIFLA1THPO0800" "TH-PO 8.0"	"SIFLP7OSEB0800" "OS Engineering Basic" "SIFLP7REDU0800" "OS Redundancy" "SIFLP7SERB0800" "OS Server Basic"



ES
unlimited

Status	Family	Product	Version	Number of license ...	Standard license type	License type	Validity
→	SIMATIC PCS 7	AS Engineering	8.0	1	Floating	Unlimited	Unlimited
—	SIMATIC PCS 7	AS RT PO	-	1	Floating	Countable objects	10000 (10000)
—	SIMATIC PCS 7	BCE	8.0	1	Floating	Unlimited	Unlimited
—	SIMATIC PCS 7	IEAPO	8.0	1	Floating	Unlimited	Unlimited
—	SIMATIC PCS 7	Maintenance ES	8.0	1	Floating	Unlimited	Unlimited
—	SIMATIC PCS 7	OS Engineering	8.0	1	Floating	Unlimited	Unlimited
—	SIMATIC PCS 7	Version Trail	8.0	1	Floating	Unlimited	Unlimited

OS Server
redundant

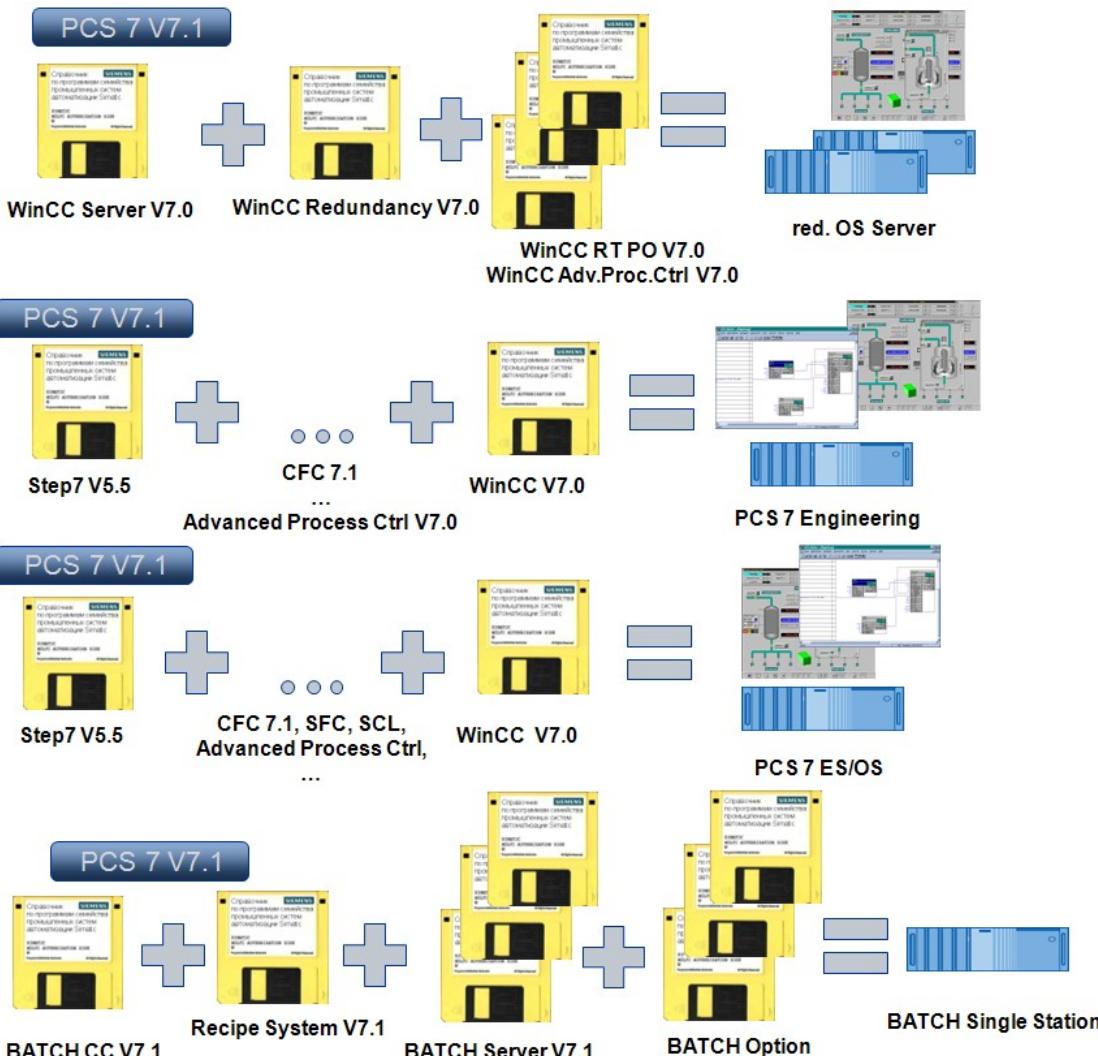
Status	Family	Product	Version	Number of license keys	Standard license type	License type	Validity
→	SIMATIC PCS 7	BCE	8.0	1	Floating	Unlimited	Unlimited
—	SIMATIC PCS 7	OS RT PO	-	1	Single	Count relevant	5000
—	SIMATIC PCS 7	OS Server Redundancy	8.0	1	Single	Unlimited	Unlimited

OS client

Status	Family	Product	Version	Number of license keys	Standard license type	License type	Validity
—	SIMATIC PCS 7	OS Client	8.0	1	Floating	Unlimited	Unlimited
—	SIMATIC PCS 7	SFC-Visualization	8.0	1	Floating	Unlimited	Unlimited

License concept PCS 7 V7

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Problems with PCS7 v7

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You can try use these keys for PCS7 v7.0 (SP1)

Status	License key	Family	Product	Version	N...	O.	Standard license type	Validity
-	SIFP2ASRPX07001	SIMATIC PCS 7	AS RT PO (100)	7.0	1	-	Floating	100 Click(s) (100 Clicks)
-	SIFCYASRPX07001	SIMATIC PCS 7	AS RT PO (100)	7.0	1	-	Floating	100
-	SIFP2ASRPX07005	SIMATIC PCS 7	AS RT PO (1000)	7.0	1	-	Floating	1000 Click(s) (1000 Clicks)
-	SIFCYASRPX07005	SIMATIC PCS 7	AS RT PO (1000)	7.0	1	-	Floating	1000
-	SIFP2ASRPX0700A	SIMATIC PCS 7	AS RT PO (10000)	7.0	1	-	Floating	10000 Click(s) (10000 Clicks)
-	SIFLZA5SRPX07000	SIMATIC PCS 7	AS RT PO (10000)	7.0	1	-	Floating	Unlimited
-	SIFCYASRPX0700A	SIMATIC PCS 7	AS RT PO (10000)	7.0	1	-	Floating	10000

when you run OS WinCC from PCS7 you required WCP RC PO key
when you run OS WinCC from WinCC you required WRC RC key

-	SIFCY9WTGX06026	SIMATIC HMI	WINCC Arch (80000)	6.2	1	-	Floating	80000
-	SIFLA9WCP30602	SIMATIC HMI	WinCC RC PO (1024)	6.2	1	-	Floating	Unlimited
-	SIFLA9WCP60602	SIMATIC HMI	WinCC RC PO (102400)	6.2	1	-	Floating	Unlimited

PO = Power Objects = Tags for WinCC

Process Control System PCS 7 V7.0 SP1

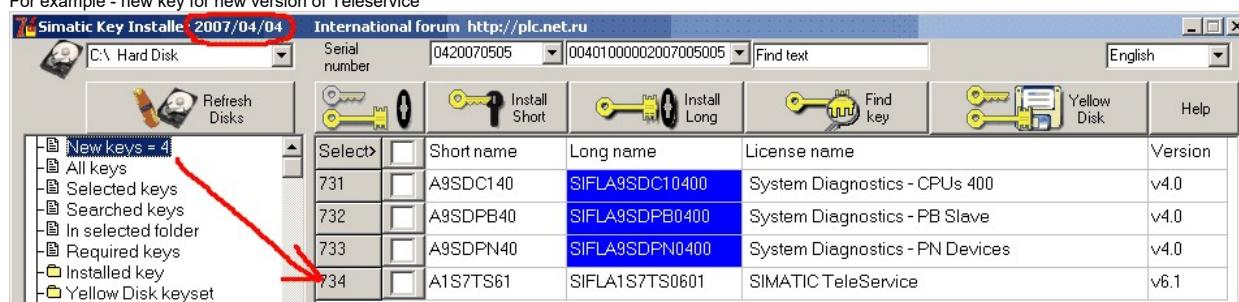
PC Configuration and Authorization

https://support.automation.siemens.com/WW/lisapi.dll/csfetch/27002558/ps7pck_b_en-US.pdf

New keys

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Keys for some new Simatic programs will appear in the list **only after installation** of these Simatic programs on your computer.
For example - new key for new version of Teleservice



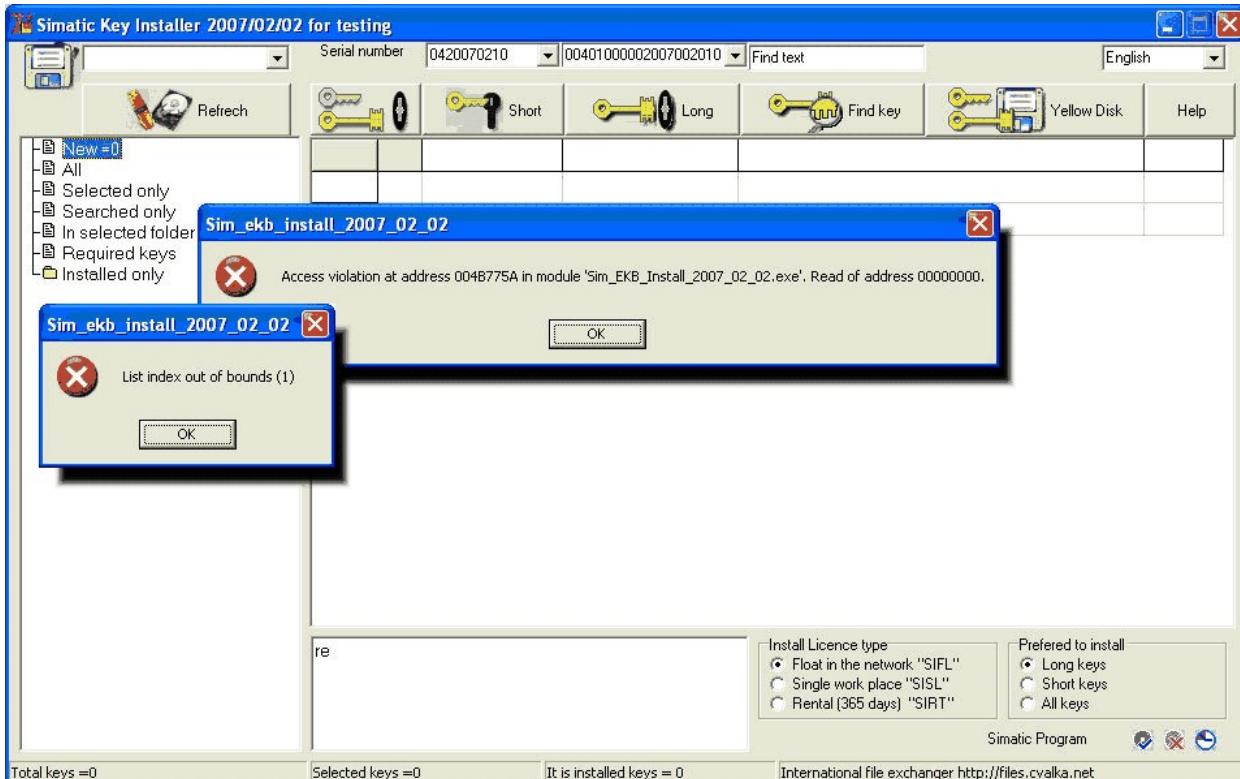
Ключи для некоторых новых программ появятся в списке только после установки этих программ на ваш компьютер.
Но для некоторых новых ключей возможно фантомное дублирование в списке новых несмотря на то, что они уже есть в обычном списке - это связано с новой методикой имениобразования тэговых ключей для последних версий программ.

List index out of bounds

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Problem:

*When run the application in my computer come out error window.
In another computer computer the application running correctly.
This are the print screen of the error.*



I had the same problem as the one described on your web page.

Access violation at address 004BDF4E in module 'Sim_EKB_Install_2007_11_27.exe'. Read of address 00000000

I have a laptop with only one harddrive no floppydrive.

When I start the program it makes the "access violation" error,

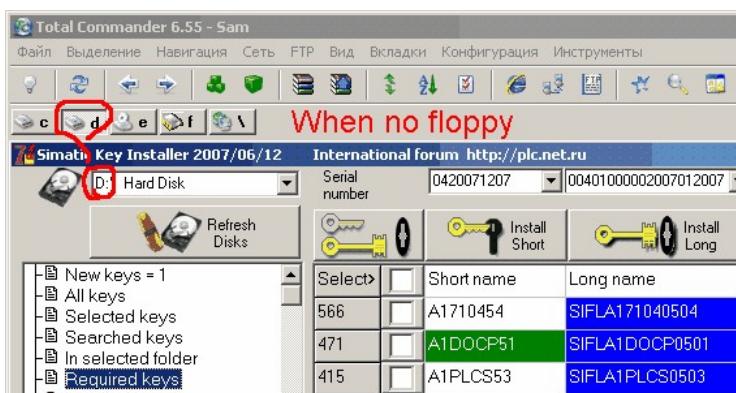
when I then add an usb drive the program can start.

It seems like the program wants to select disk number 2 in the dropdown box, it would normally be the "c" drive but only if you have a floppy drive installed.

I also have a laptop with only one harddrive no floppydrive,

but I divide a disk into 2 partitions C:\ and D:\.

Therefore I do not see similar errors



"in Russian"

Эта проблема проявляется на ноутбуках без гибкого дисковода и с жёстким диском только с одним разделом.

Так как у меня тоже есть ноутбук без дисковода, но жёсткий диск всегда поделён на несколько разделов, то я этой ошибки не замечал.

Problems with ALM v3.0 HF3

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On some computers right after installations of updating of program ALM 3 HF3 (from Step7 v5.4 SP2) can arise problems with working capacity of original and not original keys.

The reason of an error while is unknown.

Method of the decision of a problem.

1. Reload a computer.
2. Check up keys through program ALM.
3. Try to reinstall program ALM.
4. Reinstall keys.
5. Deinstall the new version of the program and install previous version ALM 3 HF1.

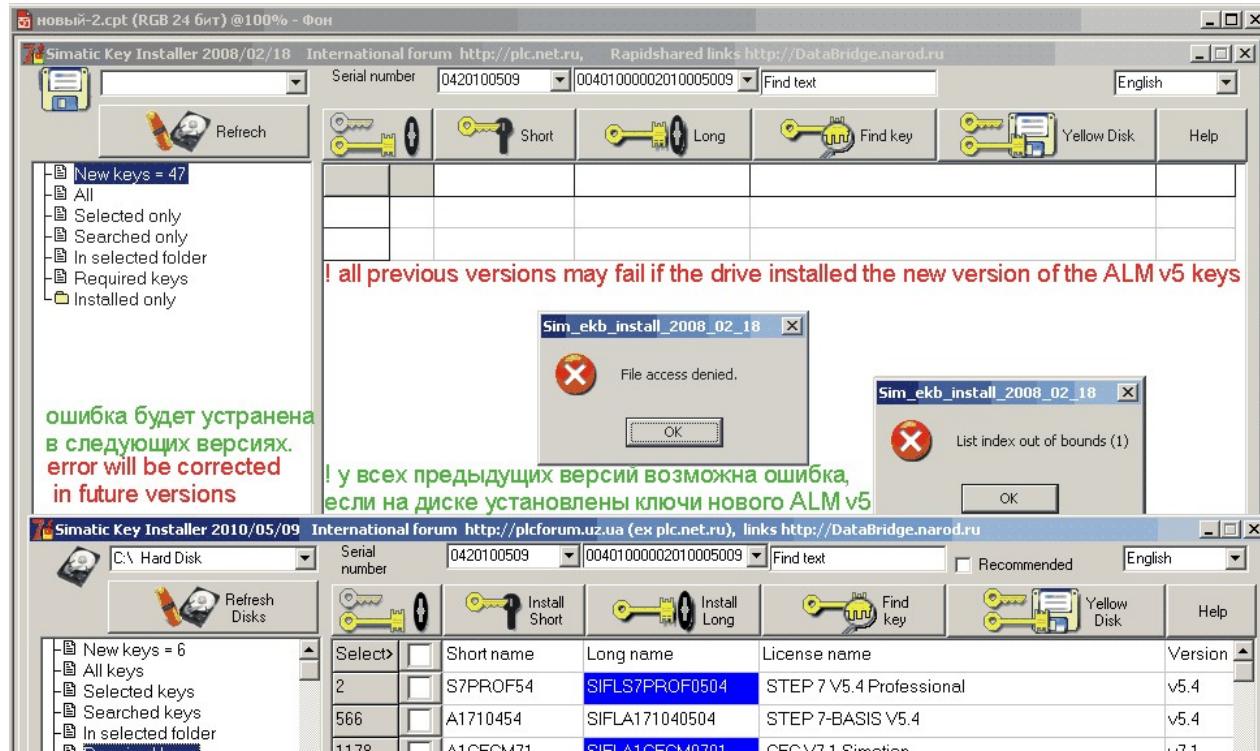
Problems with ALM v5.0

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v2010.05.09

! all previous versions may fail if the drive installed the new version of the ALM v5 keys !
error will be corrected in future versions

Because of the new release ALM v5 may be many intermediate versions as far as finding new challenges.



BATCH

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Calculating the units for the BATCH station

License key for BATCH station

A defined number of units can be operated and monitored with this license key.

The number of units that can be processed depends on the utilization of the BATCH server.

Example: BATCH Server (20)

The license key for BATCH server is adequate for configuring up to 20 units.

Requirement

- SIMATIC Manager is open.

Procedure

1. In the SIMATIC Manager, select the multiproject/project for which you want to calculate the number of configured units.
2. Select the menu command Options > SIMATIC BATCH..
- .The "Configure BATCH Process Cell" dialog box opens.
3. Select the "BATCH Process Cell" folder in the tree view.
4. In the "Process Cell" section, click "Check validity".
5. In the "Log" group, enable the "Validate" check box.
6. Click the "Display" button.

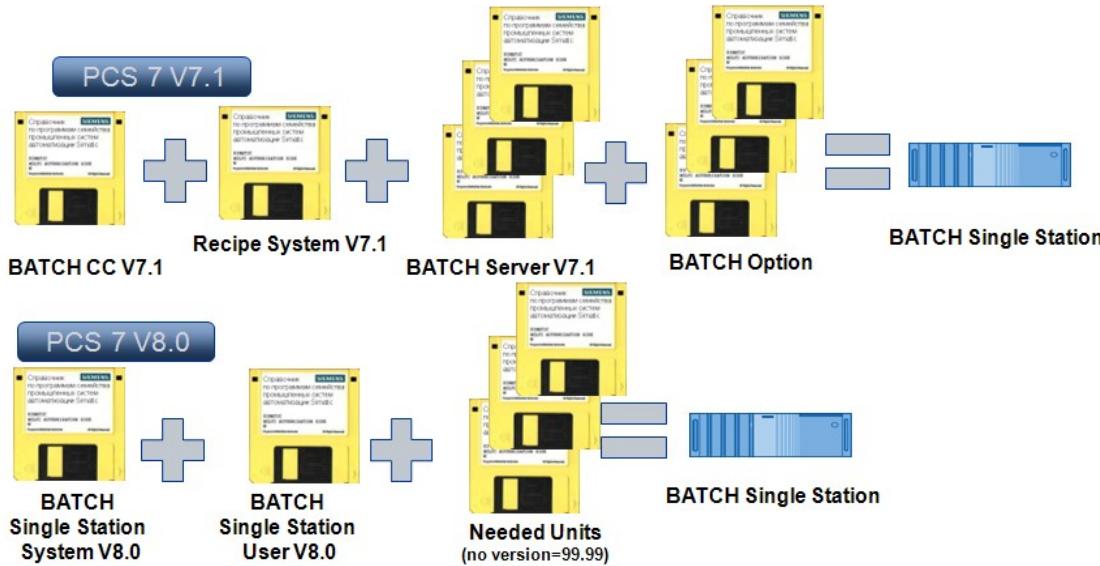
Result

A log file opens in the Internet Explorer.

- If the "Check validity" or "Compile" function shows an error in the configuration, you will need to correct the error and calculate the process objects again.
- If the configuration is free of errors, you will find the number of units configured in the multiproject/project in the table under the heading "Units".
- You can calculate the number of configurable units based on the license keys through the Automation License Manager.

Example of the layout of a log file:

Plant	Units	Log	Date, time	Result
<process cell name>	11	Plausibility	<date, time>	0 errors, 0 warnings
No.	ID	Error	Warning	Remedy



CFC: AS License key for engineering

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License key for the AS

The required license key for all SIMATIC stations depends on the total number of process objects loaded and configured in a project (multiproject). When an AS is loaded, the loaded process objects are evaluated.

The following procedure shows you how to calculate the number of process objects configured in a project. With a multiproject, you need to determine the number per project and add them together.

The following applies as of PCS 7 V7.0 SP1:

The number of process objects loaded into the AS is calculated and subtracted from the available process objects (countable license keys).

You calculate the number of available (still to be loaded) process objects using the license key via the Automation License Manager or in SIMATIC Manager via the menu command

Options > Charts > Process Objects Statistics.

Display

The display of the number of licenses is based on the object selected in the SIMATIC Manager (multiproject, project, SIMATIC station).

Requirement

The SIMATIC Manager is open.

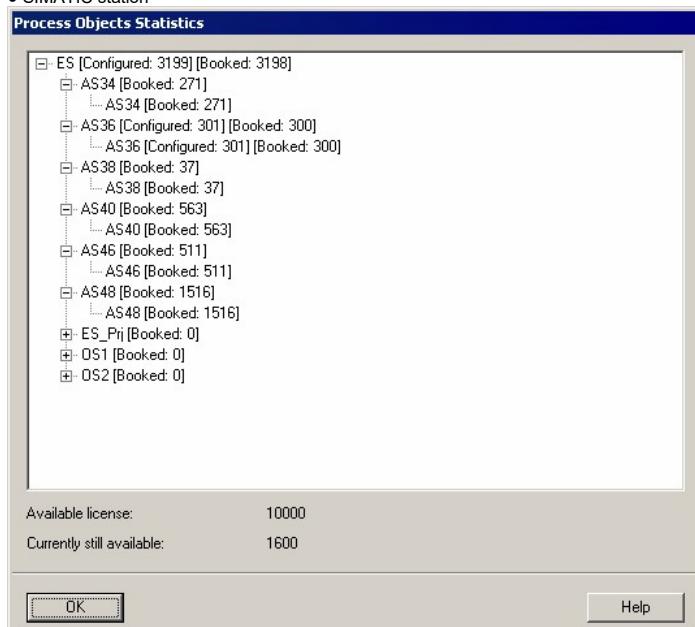
Procedure

1. Select the multiproject in the component view.
 2. Select the menu command Options > Charts > Process Objects Statistics.
- The "Process Objects Statistics" dialog box opens.

Result

The "Process Objects Statistics" dialog box shows the number of configured process objects, the existing license, and the process objects which are currently still available for the following system areas:

- Multiproject
- Project
- SIMATIC station



AS License key for engineering

Relevant process objects in the project are process objects that can be monitored with the OS.

The license key for engineering provides the number of process objects that you can configure in the CFC as "process objects in the project".

Procedure

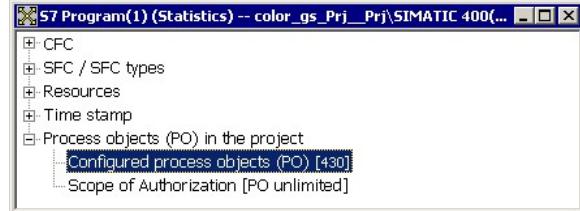
You can calculate the number of configured process objects as follows:

1. Open any chart in CFC.
2. Select the menu command Options > Chart Reference Data.
- The "Chart Reference Data" dialog box opens.
3. Select the menu command View > Statistics.

Result

You will find the number of "Process objects (PO) [x]" and the scale of the license key in the "process objects in the project" path.

The following figure shows an example.



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Route Control

Calculating the routes for the route control station

License key for route control station

For the process mode of SIMATIC Route Control, the number of active routes (material transports) is relevant and not the number of configured routes. The number of routes active in process mode is based on the process.

Long name	License name
SIFLA7RCS30700	Route Control Server 300 simultaneous
SIFLA7RCS20700	Route Control Server (100)
SIFLA7RCS10700	Route Control Server 30 simultaneous
SIFLA7RCEN0700	Route Control Engineering
SIFLA7RCCX0700	Route Control Center

Example: Route Control Server (300)

This is the license key for a route control server in which 300 routes can be simultaneously active in process mode.

Determining the route license

The status bar of the Route Control Center shows how many routes were active simultaneously after a restart of the route control server.

License key too small – server license key is installed

Note

If the route control server detects a license key for 30, 100 or 300 routes during startup, the maximum number of simultaneous material transports will be limited to this value. If the server then receives a 31st, 101st or 301st route request, the Route Control Center reports that the license key is missing or that the limit has been exceeded. The route control server continues to operate.

License key too small – server license key is not installed

If no license key is installed on the route control server, the server is limited to a maximum of 300 routes (maximum limit).

Since information about the actual size of the system is lacking on the route control server, it makes an estimate on the safe side - you can continue to operate the system even when there is no license.

The absence of a license is displayed in the Route Control Center.

New license

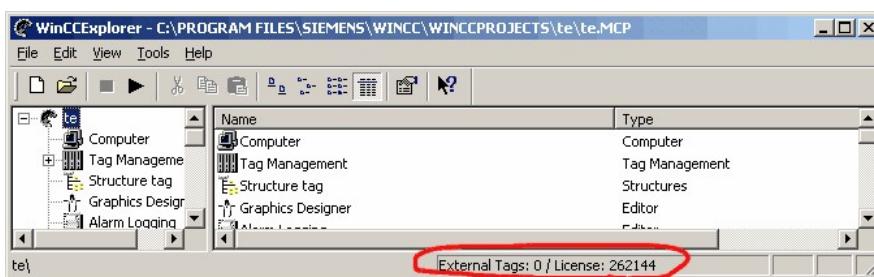
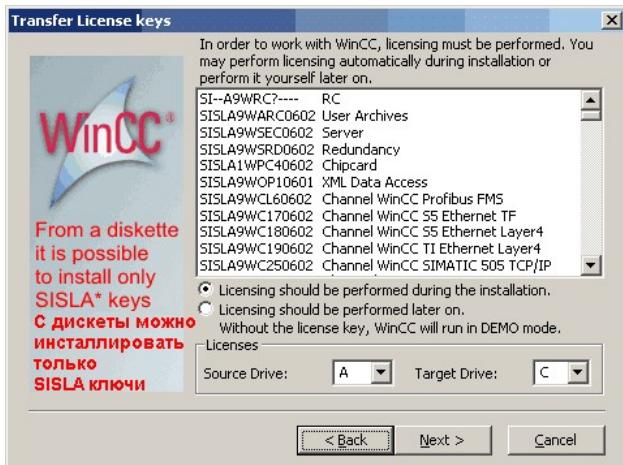
Restart the route control server after you have installed the license.

Problems with WinCC

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For some programs (in particular WinCC and WebNavigator) from a diskette it is possible to install only SISLA keys.

On what that to reason SIFLA* keys are ignored at installation - their names are rigidly hammered in Setup.



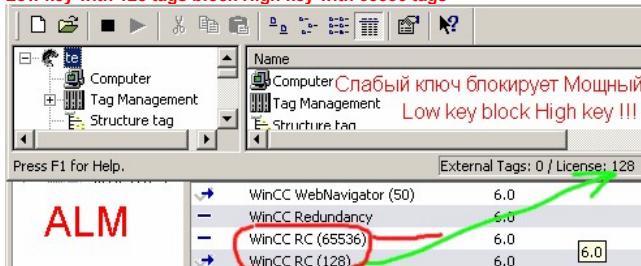
See LogFiles in C:\Program Files\SIEMENS\WINCC\Diagnose
for example License.Log when License key A9WRC installed

```

02/01/2007 13:16:50 InitLicense CS |AppName = AppCS:Mcp | CycleCheck = yes | NameForMessageBox = | Name of License = SIFLA9WRC70600 | Text of License = WinCC RC (262144) |
02/01/2007 13:16:50 InitLicense ED |AppName = AppEd:Mcp | CycleCheck = own | NameForMessageBox = | Name of License = SIFLA9WRC70600 | Text of License = WinCC RC (262144) |
02/01/2007 13:17:07 InitLicense RT |AppName = OptRT:CHIPCARD | CycleCheck = no | NameForMessageBox = | Name of License = SIFLA1WPC40600 | Text of License = WinCC Chipcard |
02/01/2007 13:17:07 ExitLicense RT |AppName = OptRT:CHIPCARD | CycleCheck = no | Name of License = SIFLA1WPC40600 | Text of License = WinCC Chipcard |
02/01/2007 13:17:08 InitLicense CS |AppName = AppCS:TlgASO | CycleCheck = yes | NameForMessageBox = | Name of License = SIFLA9WTG30600 | Text of License = WINCC Archive (30000) |
02/01/2007 13:18:48 InitLicense xx |AppName = ConnectivityPack | CycleCheck = no | NameForMessageBox = | Name of License = SIFLA9WOP10600 | Text of License = WinCC Connectivity Pack |
02/01/2007 13:18:48 ExitLicense xx |AppName = ConnectivityPack | CycleCheck = no | Name of License = SIFLA9WOP10600 | Text of License = WinCC Connectivity Pack |
02/01/2007 13:30:15 ExitLicense CS |AppName = AppCS:TlgASO | CycleCheck = yes | Name of License = SIFLA9WTG30600 | Text of License = WINCC Archive (30000) |
02/01/2007 13:30:17 ExitLicense CS |AppName = AppCS:Mcp | CycleCheck = yes | Name of License = SIFLA9WRC70600 | Text of License = WinCC RC (262144) |
02/01/2007 13:30:17 ExitLicense ED |AppName = AppEd:Mcp | CycleCheck = own | Name of License = SIFLA9WRC70600 | Text of License = WinCC RC (262144) |

```

Example when installed 2 License key A9WRC.
Low key with 128 tags block High key with 65536 tags



Example License.Log when installed 2 License key A9WRC.

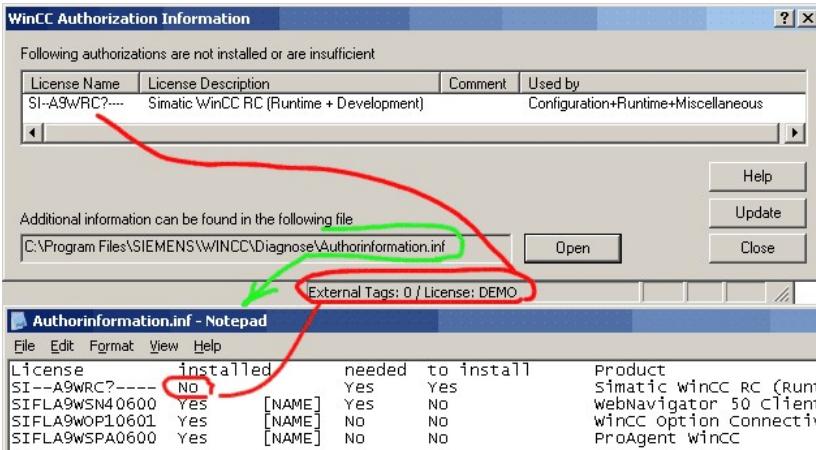
```

02/01/2007 14:39:29 InitLicense CS |AppName = AppCS:Mcp | CycleCheck = yes | NameForMessageBox = | Name of License = SIFLA9WRC10600 | Text of License = WinCC RC (128) |
02/01/2007 14:39:29 InitLicense ED |AppName = AppEd:Mcp | CycleCheck = own | NameForMessageBox = | Name of License = SIFLA9WRC10600 | Text of License = WinCC RC (128) |
.....

```

You need use only one key with max Tags

Example License.Log when License key A9WRC not installed



for example Authorinformation.inf when License key A9WRC* not installed

License	installed	needed	to install	Product
SI--A9WRC?----	No	Yes	Yes	Simatic WinCC RC (Runtime + Development)
SIFLA9WSN40600	Yes	Yes	No	WebNavigator 50 Clients
SIFLA9WOP10601	Yes	No	No	WinCC Option Connectivity Pack
SIFLA9WSPA0600	Yes	No	No	ProAgent WinCC

and part of License.Log when License key A9WRC* not installed

```
02/01/2007 14:10:20 Control Center - Demo Mode ConfigurationSystem enabled -
02/01/2007 14:10:20 NoLicense CS | Name of License = A9WRC?0600 | Text of License = Simatic WinCC RC (Runtime + Development) | Exists = No |
02/01/2007 14:10:20 InitLicense CS | AppName = AppCS:Mcp | CycleCheck = yes | NameForMessageBox = | Name of License = A9WRC?0600 | Text of License = Simatic WinCC RC (Runtime + Development) |
02/01/2007 14:10:22 NoLicense ED | Name of License = A9WRC?0600 | Text of License = Simatic WinCC RC (Runtime + Development) | Exists = No |
02/01/2007 14:10:22 Control Center - Demo Mode Editors enabled -
02/01/2007 14:10:22 InitLicense ED | AppName = AppEd:Mcp | CycleCheck = own | NameForMessageBox = | Name of License = A9WRC?0600 | Text of License = Simatic WinCC RC (Runtime + Development) |
....
```

WinCC: the number of process objects

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If you have executed the "Compile OS" function in SIMATIC Manager, you can determine the number of configured process objects in the WinCC Explorer:

Determining the number of process objects

1. Select the OS in the WinCC Explorer:

The number of configured process objects is displayed at the bottom right of the dialog box.

The screenshot below shows an example with "578 process objects".



Insufficient license key

If you open a project with an insufficient number of configurable process objects, the OS program switches to demo mode automatically.

If an RT/RC license key is present, the maximum number of configurable process objects is always permissible on a client, as the number of configurable process objects is only checked on a server.

Long name	License name	Version
SIFLA9WRC90700	WinCC RT PO (unlimited)	v7.0
SIFLA9WRC80700	WinCC RT PO (20000)	v7.0
SIFLA9WRC70700	WinCC RT PO (10000)	v7.0
SIFLA9WRC60700	WinCC RT PO (8500)	v7.0
SIFLA9WRC50700	WinCC RT PO (5000)	v7.0
SIFLA9WRC40700	WinCC RT PO (3000)	v7.0
SIFLA9WRC30700	WinCC RT PO (2000)	v7.0
SIFLA9WRC20700	WinCC RT PO (1000)	v7.0
SIFLA9WRC10700	WinCC RT PO (250)	v7.0
SIFLA9WRC00700	WinCC RT PO Client	v7.0

WinCC: the number of archive values

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License key for archive values

This license key allows you to archive a defined number of archive values with the operator station.

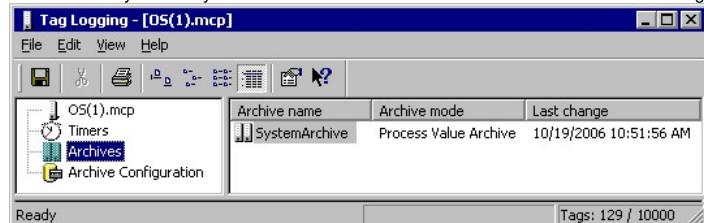
The basic package is supplied with a license key for 512 archive values.

The license key required for archiving archive values in the OS project depends on the number of values configured for archiving.

Open the "Tag Logging" editor in the WinCC Explorer.
 The number of configured archive values is displayed at the bottom right of the dialog box.
 The screenshot below shows an example with 129 of 10,000 authorized archive values.

Example: WINCC User Archives (10000)

This license key enables you to increase the number of archive values which can be configured for the archive server to 10000 (max. 30000)



Insufficient license key

If you open a project with an insufficient number of configurable process objects, the OS program switches to demo mode automatically.
 If an RT/RC license key is present, the maximum number of configurable process objects is always permissible on a client, as the number of configurable process objects is only checked on a server.

	Short name	Long name	License name	Version
977	A9WARC70	SIFLA9WARC0700	WINCC User Archives	v7.0
978	Y9WTG670	SIFCY9WTGX07006	WINCC-V7 Arch 80000 ATg	v7.0
979	Y9WTG570	SIFCY9WTGX07005	WINCC-V7 Arch 10000 ATg	v7.0
980	Y9WTG470	SIFCY9WTGX07004	WINCC-V7 Arch 4G ATg UNLIM	v7.0
981	Y9WTG370	SIFCY9WTGX07003	WINCC-V7 Arch 30000 ATg	v7.0
982	Y9WTG270	SIFCY9WTGX07002	WINCC-V7 Arch 5000 ATg	v7.0
983	Y9WTG170	SIFCY9WTGX07001	WINCC-V7 Arch 1500 ATg	v7.0
1024	Y9WTG770	SIFCY9WTGX07007	WINCC-V7 Arch 120000 ATg	v7.0

WinCC CAS

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Calculating the process objects for the central archive server

The archive values of all OS servers in a PCS 7 plant are archived on a central archive server.
 The sum of the archive values of all OS servers gives the number of licensed archive values.

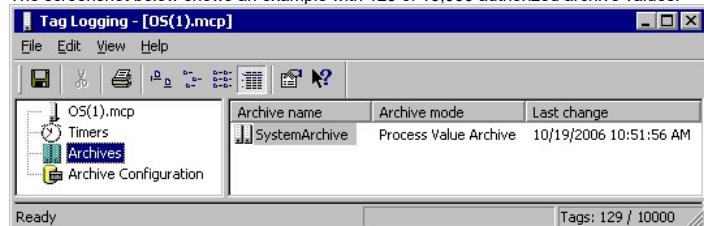
License keys for the central archive server

The following license keys are required for the central archive server:

- License key for operating an OS client: SIFLA9WRP00602 WinCC RT PO Client ; SIFLA9WCP70700 WINCC-V7 RC PO (10000)
- License key for the "StoragePlus" software package: SIFLA1STOP0102 StoragePlus
- To use the central archive server: SIFLA9WSEC0700 WinCC Server
- To use the archives: SIFCY9WTGX07005 WINCC-V7 Arch 10000 ATg; SIFLA9WARC0700 WinCC Archive
- To view archived data: SIFLA9WVC20707 WinCC DataMonitor 10 Clients

Determining the number of archive values on an OS server

1. Open the "Tag Logging" editor in the WinCC Explorer.
 The number of configured archive values is displayed at the bottom right of the dialog box.
 The screenshot below shows an example with 129 of 10,000 authorized archive values.



2. Determine the number of archive values of all OS servers.

If redundant OS servers are used, the number of archive values must be doubled.

WinCC Maintenance station

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Calculating the asset tags (hardware components) for the maintenance station

License key for WinCC Maintenance station

The license type of these license keys is "Count relevant license" SIFCYMAINR0700*.

	Short name	Long name	License name	Version
739	MAINES70	SIFLMAINES0700	Maintenance ES V7.0	v7.0
740	YMAINR70	SIFLYMAINR0700	Maintenance RT V7.0 (unlimited)	v7.0
741	YMAINR71	SIFCYMAINR07001	Maintenance RT V7.0 (10)	v7.0
742	YMAINR74	SIFCYMAINR07004	Maintenance RT V7.0 (100)	v7.0
1107	YMAINR75	SIFCYMAINR07005	Maintenance RT V7.0 (250)	v7.0

767	YMAINR76	SIFCYMAINR07006	Maintenance RT V7.0 (500)	v7.0
743	YMAINR77	SIFCYMAINR07007	Maintenance RT V7.0 (1000)	v7.0

The licensed scope is added together when several license keys are installed.

- This license key allows you to monitor a defined number of diagnostic objects (asset tags).

Example: SIFCYMAINR07004 Maintenance RT (100)

This license key is sufficient for diagnosing up to 100 hardware components with a maintenance station.

If you have 3 Maintenance RT (100) license keys (**with difference serial numbers!**) on a maintenance station, you will be able to diagnose up to 300 (100+100+100) hardware components.

Status	License key	Product	Version	Standard I...	License type	License number	Validity
✓	SIFCYMAINR07004	Maintenance RT (100)	7.0	Floating	Count relevant	00401000002009004010	100
✓	SIFCYMAINR07004	Maintenance RT (100)	7.0	Floating	Count relevant	00401000002009004011	100
✓	SIFCYMAINR07004	Maintenance RT (100)	7.0	Floating	Count relevant	00401000002009004012	100

Components with diagnostics capability

The following components with diagnostics capability are classed as asset tags within a PCS 7 project:

- PC stations
- Network components with diagnostics capability (e.g., switches)
- Automation systems (CPU)
- Distributed I/O (ET 200 station)
- Field devices with diagnostics capability

Requirement

SIMATIC Manager is open.

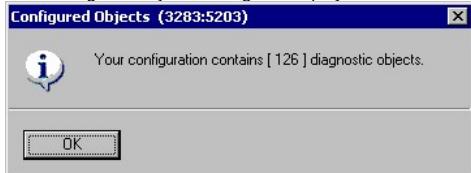
Procedure

1. Select the multiproject in the plant view.
2. Select the menu command Options > Plant Hierarchy > Configured Objects.

The "Configured Objects" dialog box opens.

Result

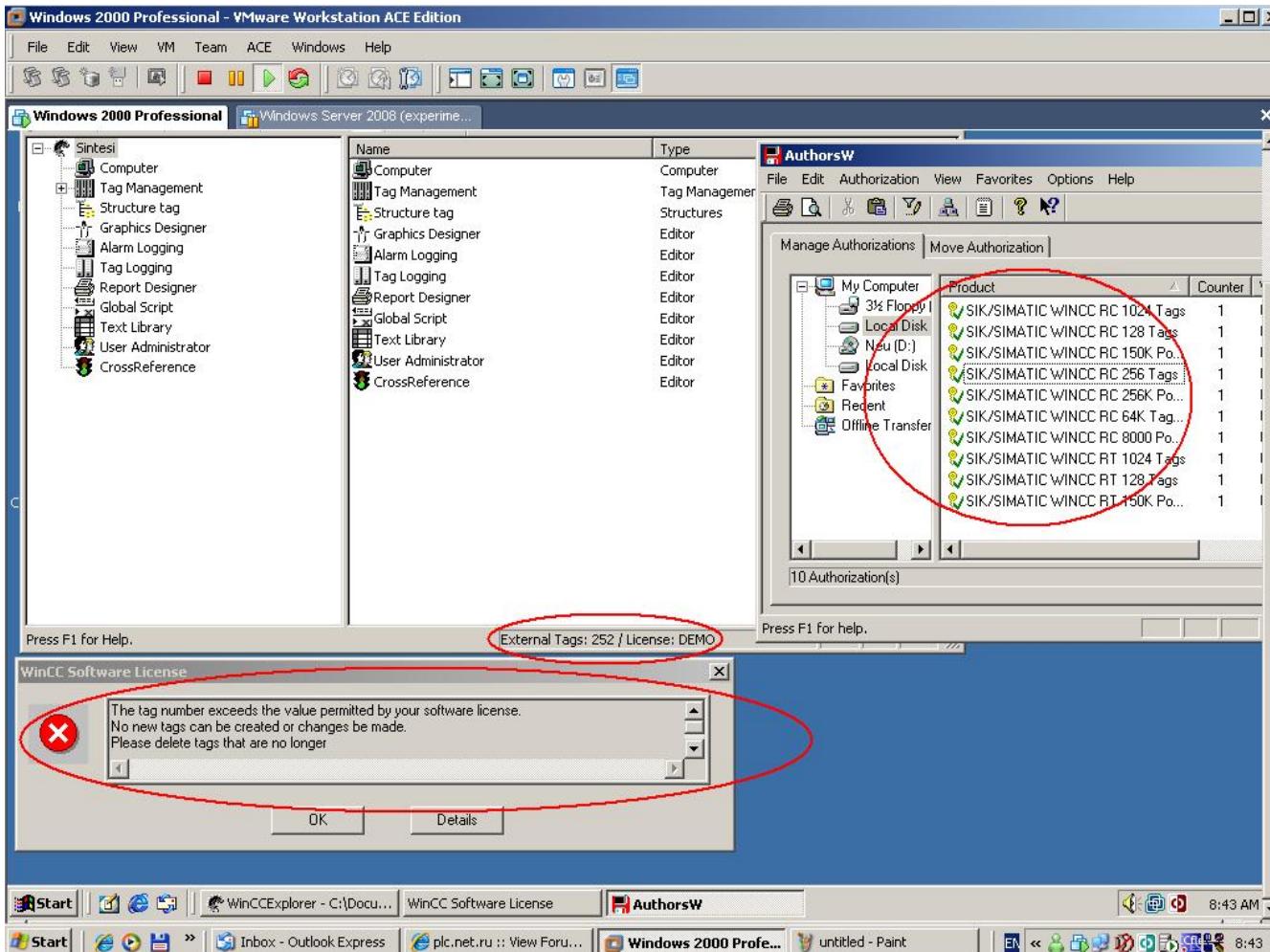
The "Configured Objects" dialog box displays the number of configured diagnostic objects (asset tags).



WinCC Demo mode

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Q: I have all keys, but WinCC wrote "Demo mode"



You need install ONLY 1 RC key.
In this time only low 128 Tags key is worked - others keys is banned !!!

Q: Thank you, I did not know that. It works good now

Problems with WinCC Archive v6.2

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New for Archive Licenses

For archive licenses, the new license type "Count-Relevant" is being introduced starting with WinCC V6.2. It enables a much finer stacking of the licenses.

If, for example, a WinCC project uses a license for 1500 archive tags as well as a license for 5000 archive tags, then a total of 6500 archive tags are available on this computer.

On the other hand, the 512 free archive tags included in the delivery scope of the basic packages are not added up.

For using more 512 Archive Tags is required SIFCY9WTGX0600*

WinCC Archive v6.2

Select>	Short name	Long name	License name	Version
622	A9WARC62	SIFLA9WARC0602	WINCC User Archives	v6.2
623	Y9WTG662	SIFCY9WTGX06026	WINCC-V6 Arch 80000 ATg	v6.2
624	Y9WTG562	SIFCY9WTGX06025	WINCC-V6 Arch 10000 ATg	v6.2
625	Y9WTG462	SIFCY9WTGX06024	WINCC-V6 Arch 4G ATg UNLIM	v6.2
626	Y9WTG362	SIFCY9WTGX06023	WINCC-V6 Arch 30000 ATg	v6.2
627	Y9WTG262	SIFCY9WTGX06022	WINCC-V6 Arch 5000 ATg	v6.2

I need SIUPA9WRC5--3 POWERPACK (upgrade) KEY ?

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I need SIUPA9WRC5...3 UPGRADE WinCC runtime +conf. 1024-8k powerpack license key

No need wait SIUP* key.

I don't support Upgrade keys - in it there is no necessity.

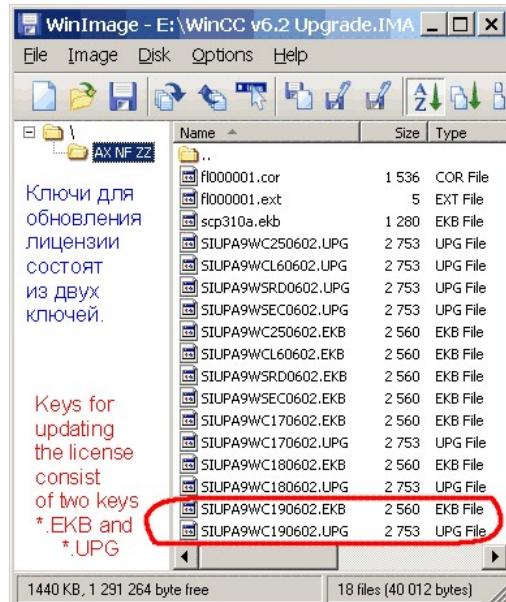
Install on SIFLA9WRC7060*.EKB WINCC-V6 RC 256K PTg 512 ATg

You can install normal long key SIFLA9WRC60*00.EKB (max 256K) from YELLOW FLASH or Yellow Disk SIFLA9WRC60*00.IMA

Do not forget remove old key on smaller number of tags - differently it can to not give access to more powerful key.

Keys for updating the license consist of two keys *.EKB and *.UPG.

Example of a diskette for updating the version of the program.



Program required key after installation of key

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Before first start of SmartLabel need check installed key in ALM.

This is bug of SmartLabel and other Simatic programs.

About EKBB backup CRC Error

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About EKBB backup CRC Error

This EKBB backup option is false - EKB_Install key haven't CRC error

This EKBB backup version also have "Fix CRC" ERROR

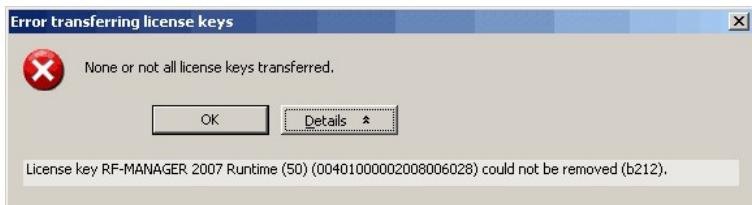
After this "Fix" I can't move "fixed" key to other disc.

EKBB backup 1.0.1.38

SIFLA9WCP90602	False	SIMATIC HMI	WinCC ES PO (unlimited)
SIFLA9WRP30602	False	SIMATIC HMI	WinCC RT PO (unlimited)
SIFLA1PLC50504	OK	SIMATIC STEP 7	S7-PLCSIM V5.4
SIFCYRFMR01005	False	SIMATIC SEN...	RF-MANAGER 2007 Runtime (50)



ALM wrote after fix 😊



ALM show result after moving "fixed" keys - all moved keys inactive 😊

Status	License key	Product
---	SIFCYRFMRT01005	RF-MANAGER 2007 Runtime (50)
---	SIFLA9WCP90602	WinCC ES PO (unlimited)
---	SIFLA9WRP30602	WinCC RT PO (unlimited)

Other Key programs (based on Fubrus souce) also haves this bug
for example this

