

ScadaTEC Software Products Licensing

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OVERVIEW

This document explains how ScadaTEC software products can be registered and authorized for continuous use. Although these examples apply to all ScadaTEC products, screen images from ScadaPhone will be used for illustration purposes.

All ScadaTEC products support 2 methods of Licensing:

- 1. Licensing by software authorization code.
- 2. Licensing by ScadaTEC USB License dongle.

ScadaTEC offers 3 Licensing levels for ScadaPhone and they are based on the maximum number of Alarms that can be monitored:

- 1. ScadaPhone Unlimited: supports **Unlimited Alarm Tags**
- 2. ScadaPhone 200: supports maximum of 200 Alarm Tags
- 3. ScadaPhone Lite: supports maximum of **32 Alarm Tags**

LICENSING BY SOFTWARE AUTHORIZATION CODE

When a ScadaTEC product is installed, an 8-character Computer Key is generated. This Key is displayed on the Program Information screen.

There are 2 ways to access the **'Program information'** screen:

- 1. On the Main Menu, select Help -> About
- On the Main Menu, select File -> Program -> About Rgistration

This Computer Key and the Software version number require a matching Authorization Code, in order for ScadaTEC software product to run continuously.



Obtaining Authorization Code

An Authorization Code can be obtained by contacting ScadaTEC Support either by telephone (1-775-348-7471) or by email (support@scadatec.com). Provide the Computer Key and the ScadaPhone version number installed. The 8-character **Authorization Code** will be issued.

Entering Software Authorization Code

To enter the Authorization Code, on the **'Program Information'** screen click on the blue text "Unregistered: xx:xx:xx remaining in trial period". If the unregistered software has run for more than one hour in **Run mode**, the message is replaced by: "one hour demo has expired".

Select "**Permanently Authorize ScadaPhone**". Enter the Authorization Code on the next screen If an **Extended Code** is issued, enter it in the **Extended Code** space and click "**OK**".

Program Information		
	Authorization Options	×
	What would you like to do?	ScadaPhone Registration
	Temporarily Authorize ScadaPhone	To register ScadaPhone, contact ScadaTEC by phone at 775-348-7471, or email sales@scadatec.com. In order to register.
ScadaPhone	Permanently Authorize ScadaPhone	you will need to provide ScadaTEC with the "Computer Key" (displayed below) for each machine on which ScadaPhone will
Version 6.2.3.1202	Authorize ScadaPhone Lease	 be used. The "Computer Key" is computed using information unique to each machine.
Computer Key : 8289-F0BC Serial Number: Not Assigned Current Run Time : 01:41:55	Cancel	Upon registering, you will be issued an authorization code for each key which will be placed into the Windows registry on each machine.
Accumulated Run Time : 5.805 Years		Computer Key: 8289-F0BC
No USB Key Detected		Version: 6.2.3.1202
One hour demo session has expired		Authorization Code : DFBF-9C08
Web Server: Not Authorized		If you have been given an "Extended Code", enter it in the edit box below; otherwise, leave this box blank.
ОК		Extended Code : 25EC-A936
		OK Cancel

Note: The **Extended Code** is issued when you renew **Annual Support**. The first-year technical support and software upgrades are included at no additional cost. After the first year, the User can purchase extended support for a nominal fee.

The **Extended Code** updates the **Program Information** screen to show the number of days remaining for **Free Upgrades**. You are entitled to all Software updates and unlimited **Technical Support** if your screen shows more than '0' days remaining for **Free Upgrades**.

WEBSERVER LICENSING

All ScadaTEC products implement an HTTP Web Server Interface. There is a core set of features for viewing status logs and modifying datapoints implemented in every product, but ScadaPhone also has features to support alarm reporting, alarm acknowledgement, alarm summary and schedular modifications.

The **WebServer** is an option that requires a separate license.

If your ScadaTEC software product is licensed by a USB Key, the **WebServer** license is added to the same Key.

If the software is licensed by a **Registry Code**, a separate **Authorization Code** is issued for the **WebServer. Authorization Code** is generated using the same **Computer Key** as the main product.

Enter WebServer Authorization Code

To enter the Web Server Authorization Code, on the **Program Information** screen click on the blue text : Web Server: 00:XX:XX remaining in trial period



Enter the **WebServer Authorization Code** in the blue box and click OK. **WebServer** option will be **Enabled**.

ScadaPhone Web Server Authorization	×		
ScadaPhone's Web Server is a non-standard option which must be purchased and authorized in addition to ScadaPhone's standard license.			
To enable the Web Server, contact ScadaTEC by phone at 775-348-7471, or email sales@scadatec.com			
You will need to provide ScadaTEC with the "Computer Key" from each computer on which the Web Server will be used.			
The "Computer Key" is computed using information unique to each computer.			
Computer Key: 8289-F0BC Authorization Code:			
If you would like to Temporarily Authorize this optional feature for a 30- day evaluation period, you can request a Temporary Authorization from ScadaTEC (free of charge).			
In order to issue a Temporary Authorization code, you will need to provide sales@ScadaTEC.com the Temporary Authorization Key (shown below) in addition to the Computer Key. Upon receipt of your request, ScadaTEC will provide a Temporary Authorization Code to be entered in the space below.			
Temporary Authorization Key: 5B1D-99DF			
Temporary Authorization Code :			
OK Cancel			

AUTHORIZATION VIA USB LICENSE KEY/FLASH DRIVE

The USB key/Flash Drive is comprised of two separate drive Volumes:

+ SCADATEC (I:) + SCADATECDAT (J:)

SCADATEC (read Only) SCADATECDAT (read-write)



The **SCADATEC** volume contains license encryption information.

The **SCADATECDAT** volume is used to hold additional license information and storage for backups which can be used to restore your ScadaTEC product installation in the event of computer failure.

The backup features available with the flash-drive are integrated into each ScadaTEC product.

There are two things that should be backed-up on the USB key in order to make a timely restoration of your Project.

- The ScadaTEC software installation program
- The most recent user-defined project needed to run your installation

ScadaTEC product installation programs released after May, 2015 automatically detect the presence of a ScadaTEC USB key; if a ScadaTEC USB key is detected, and it does not already have a copy of the currently running Installation program, the user is prompted to make a backup copy of the installation program on the USB key for future restoration needs.

The **user-defined projects** are also backed-up if the USB key is detected when the user is creating a **Restore Point** from the **File / Project / Create Restore Point** menu item (a feature available in most ScadaTEC products).

The back-ups are organized into application-specific folders in the read-write in read-write volume of the USB key.



USB Key Activation Procedure

USB License Key is shipped without the license installed. The license code is emailed separately.

There are two types of Codes sent for initializing the USB License key:

- 1. If the key is blank and needs to be initialized with application information as wellas customer information, a **Whole Key Code** is issued.
- 2. If the code is only needed for upgrading the authorization for a specific application or for **Extended Support**, a **28-character App Code** is issued.

Because both of these codes are somewhat lengthy, there is a convenient feature built into the **ScadaTEC License Manager** for transferring the codes via the windows clip board.

The Whole Key Code

The following box shows a sample **Whole Key Code** that you will receive to initialize the USB License Key:

```
        35FAFBEF574EABAF51483A7E80C76AE50EBBCC45C41DC8EAC7EC4668E7728F0A91FBCD0718859282

        C0459FEA3B94B0A3AFE5B049996E78D276A9BE01EBA1A938A025CFA4A5324F098665E095FFE3D621

        7EB3029BBDC6D455EEDC39F519688560B286FBB672C0162D35590CF1C73A65ED7B13D36653958A39

        CF3B53BCD55955741A13F9BFD68E8CB5B98215CF1F1313151A8B25E7A5CA5B28C2199787C77090E5

        97EA5F113926879CC2ACD4A8E4BED5FE09380D56509BAC9446240627BE48FEC8732E05A4D2553487
```

Enter the Whole Key Code

To enter the Whole Key Code, click on File -> Program -> About and Registration. Click on the blue text 'USB Key detected.....'

Click on 'Enter Whole Key Code'

💋 USB Key License Inf	ormation	X
The USB key a	attached to your system contains the following license information:	
Entry Type	Entry Attributes	
License Count	USB key contains authorization for 0 applications	
To update at 775-348	this license, you must contact the Scada TEC sales department 7471 (US) or by email at sales@Scada TEC.com.	
To process	your request, support will need your unique USB Key ID:	
	USB Key ID 9708-0226	
After obtai space belo	ning a new code from ScadaTEC Sales, enter the code in the v and the new license details will be written to your USB key.	
Key U	pgrade Code 	
Submit k	ey Upgrade Code Enter Whole-Key Code Cancel	

Copy the **Whole Key Code** that was emailed to you by ScadaTEC, and paste it into the next image as shown below and click **'Write to Key'**.



Click on 'X' to close the Whole Key Code window.

The Program Information screen displays 'Unlimited System Enabled (via USB key)'



Enter the 28 Character Upgrade Code

To enter the Upgrade Code to the USB Key, on **'Program Information'** screen click on the blue text "Free Upgrades: xx:xx:xx Days remaining".

Enter the 28-character App Code and click on the 'Submit Key Upgrade Code' button.

Note: The 'Submit Key Upgrade Code' button will become active only after you enter the **Upgrade** Code.

	The USP ke	wattached to your outtam contains the following license information:
	Entry Type	Fortry Attributes
	License Count	USB key contains authorization for 1 application
	App:ScadaPhone	Version=6.01; Tier=[7] Full System; S/N=1234567890; LicenseType=Permanent; SupportExpDate=2019/01/01 00:00:00.00 WebServerLicense=None;
	To updat at 775-3 To proce	te this license, you must contact the ScadaTEC sales department 48-7471 (US) or by email at sales@ScadaTEC.com. iss your request, support will need your unique USB Key ID:
		USB Key ID 9708-0226
	After obt space be	taining a new code from ScadaTEC Sales, enter the code in the low and the new license details will be written to your USB key.
opy the 28-character Upgrade	Key	Upgrade Code
nde here	→ 4I	4D-4FAA-3012-5C11-E1C2-F7AF-C304
Jue nere	Submi	t Key Upgrade Code Enter Whole-Key Code Cancel
Click have to optar the		
Click here to enter the		

TEMPORARY AUTHORIZATION CODE

The **Temporary Authorization** option allows 30 days of full application functionality and is usually used during testing; this allows the user to conduct a long-term test before purchasing a **Permanent** license.

For short-term testing, most ScadaTEC products will fully function, in Runtime, for a trial period of one hour without an Authorization Code; after the one-hour demo has expired, the application is forced into **Development Mode** and can be restarted to resume testing. There is no limit to the number of times the one-hour trial period can be used.

Obtaining Temporary Authorization Code

To obtain a Temporary Code, two Computer Keys are needed which can be obtained as shown in the image below:

- 8-character Computer Key and
- 8-character Temporary Computer Key.

Program Information	<	
SCADATEC	Authorization Options	Temporary Automization ScadaPhone can be temporarily authorized for 30 days for the purposes of long term testing/evaluation. In order to receive this temporary authorization you must contact ScadaTEC's sales office by email or phone and provide the sales office with the 2 coded signlyade in bold text below (the Computer Key
ScadaPhone	What would you like to do?	and the Temporary Authorization Key). Make sure to obtain this information from the machine you plan to test on.
Copyright 1999 - 2020 ScadaTEC	Temporarily Authorize ScadaPhone	ScadaTEC Sales Dept. 775-348-7471 (US), or email Sales@ScadaTEC.com
Version 6.2.3.1220	Permanently Authorize ScadaPhone	After you've obtained a temporary authorization code, you can enter it in the space provided below:
Serial Number: Not Assigned	Authorize ScadaPhone Lease	Version: 6.2.3.1220
Current Run Time : 00:02:49	Const	Computer Key: 8250-0758
Accumulated Run Time : 5.808 Years	Cancel	Temporary Authorization Key: 5C85-985F
Unregistered : 00:57:10 remaining in trial period		Temporary Authorization Code :
Web Server : 00:57:10 remaining in trial period		OK Cancel
ОК		

You will receive an 8 character alapha neumeric **Temporary Code**. Enter the Code in the **Temporary Authorization Code** box.

TRANSFER AUTHORIZATION CODE

When migrating ScadaTEC applications from one computer to another, the method for transferring the license depends upon whether your system uses the USB Key or Windows-Registry-based authorization.

If your system uses a **USB Key**, you simply move the key to the new machine.

If your system has Windows-Registry-based authorization, you will need to perform the Transfer Authorization procedure outlined below.

The ScadaPhone's Registry-based authorization can be transferred to another computer running the same **Major & Minor** version number (the first 2 numbers of the 4-part version number) of ScadaPhone.

Transfer Code Procedure

To Transfer Authorization, place ScadaPhone in **Development Mode** and click: File I Program I Transfer Authorization and follow these steps.

Step 1: Confirm that the ScadaPhone Version on the **Target Computer** (computer that is yet to be authorized) is identical to the **Source Computer** (computer that is currently authorized), by checking the box for 'The version on the target Computer Begins with X.X'. Click the '**Proceed**' button.



Step 2: Copy the **Computer Key** from the **Target Computer** and enter it into space provided in the **Source Computer**.

Target Computer	Source Computer
Program Information	Transfer Authorization Code
SCADATEC	Step 1 Step 2 Step 3 In order to compute Authorization Codes for the Target Computer, you must obtain the Computer Key from the Target Computer.
ScadaPhone Copyright 1999 - 2020 ScadaTEC Version 6.2.3.1220 Computer Key : <u>92C2-258F</u> Serial Number: Not Assigned Current Run Time : 00:22:12 Accumulated Run Time : 5.808 Years NO USB Key Detected Unlimited System Enabled (via Registry code) Web Server : 00:37:47 remaining in trial period	To obtain the Computer Key from the Target Computer: Launch ScadaPhone on the Target Computer and copy the Computer Key displayed on the Program Information window (Note: This is a hexadecimal number, '0' = zero, not the letter '0') WARNING: Clicking the Transfer button will de-authorize this installation of ScadaPhone. Make SURE that you have entered the CORRECT key. Target Computer 92C2-258F Transfer
Free Upgrades : 90. 189 Days remaining	Cancel

Step 3: When the **Transfer** button is clicked, the **Taget Computer Authorization Code** and **Target Computer Extended Code**, are displayed. The **Extended Code** carries the Warranty information.

Transfer Authorization Code			
Step 1 Step 2 St	tep 3		
This installation of ScadaPhone has been de-authorized (the Computer Key for this installation of ScadaPhone has been changed)			
Use the codes displayed I need to see these codes a the Activity Log.	below to authorize Sc after this window has	adaPhone on the Target Computer. If you closed, they have also been recorded to	r
T. A	arget Computer Authorization	Target Computer Extended Code	
7	69C-F393	32FF-CAFE	
	Clos	e	

Step 4: Enter the **Authorization Code** and the **Extended Code** on the **Target Computer** the same way the Authorization Code is entered.

Program Information	×	ScadaPhone Registration
SCADATEC	Authorization Options	To register ScadaPhone, contact ScadaTEC by phone at 775-348-7471, or email sales@scadatec.com. In order to register, you will need to provide ScadaTEC with the "Computer Key" (displayed below) for each machine on which ScadaPhone will be used. The "Computer Key" is computed using information
ScadaPhone	What would you like to do?	unique to each machine.
Copyright 1999 - 2020 ScadaTEC	Temporarily Authorize ScadaPhone	Upon registering, you will be issued an authorization code for
Version 6.2.3.1220	Permanently Authorize ScadaPhone	each key which will be placed into the Windows registry on each machine.
Computer Key : E709-298A	- childrenty Adhenice Second Hone	
Serial Number: Not Assigned	Authorize ScadaPhone Lease	Computer Key: E709-298A
Current Run Time : 00:03:55		Version: 6.2.3.1220
Accumulated Run Time : 5.808 Years	Cancel	Authorization Code : 769C - F393
No USB Key Detected		If you have been given an "Extended Code", enter it in
Temporarily Authorized : 29.667 Days		the edit box below; otherwise, leave this box blank.
Web Server : 00:56:04 remaining in trial period		Extended Code : 32FF-CAFE
ОК		OK Cancel

If all the numbers were entered correctly, you will see a confirmation similar to this:



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