

Q1 : What is Indusoft ?

A1 : Indusoft is a SCADA (Supervisor Control and Data Acquisition) software developed by indusoft. It is a powerful collection of automation tools that include all the building blocks needed to develop human machine interfaces (HMIs), supervisory control and data acquisition (SCADA) systems, and embedded instrumentation and control applications.

There are two license versions in indusoft :

(1) Engineering : Used to design HMI screen ◦

(2) Runtime : Used to run HMI screen in the Target Platform ◦

ICPDAS W-8x39 series controller built in runtime version indusoft and customer can download indusoft project developed in the PC to the W-8x39 and run it.

Q2 : Does it need any other software when indusoft project runs in the WinCon?

A2 : No, it doesn't. Users just download the indusoft project to the WinCon and can run it directly.

About the detail, please refer to the path :

<http://www.icpdas.com/products/Software/InduSoft/indusoft.htm> and item : [Download DCON Driver Manual](#).

Q3 : How much time does users spend to learn indusoft?

A3 : According to our experience, many users just spend about one or two week to learn indusoft by themselves and they all can do a good job. If they attend our free charge course for one day, they can quickly understand the functions of indusoft. So indusoft is not hard and easy to use to most people. Except free basic course, we also provide professional course to let users be able to learn more functions of indusoft and learn how to combine ICPDAS DCON I/O modules with indusoft smoothly.

Q4 : Is Indusoft License able to upgrade?

A4 : Yes, it is. If users want to upgrade the less tag number indusoft license, just send the original KeyPro to ICPDAS. Then we will upgrade it and send it back to you. Users just need to pay the margin between the different indusoft development license version.

Q5 : Is Indusoft Runtime License able to upgrade in the WinCon?

A5 : Yes, it is. Users just send the WinCon to ICPDAS and we will upgrade it and send it back to you. Users just need to pay the margin between the different indusoft runtime license version.

Q6 : Can Users develop indusoft project by 4000 indusoft license (Operator WorkStation) and run it in the W-8x39 with 1500 indusoft license CEView Stardand) ?

A6 : Yes, but it depends on the condition. In the W-8x39 with 1500 indusoft license, the indusoft project within 1500 tag number can run in it. So users can develop any indusoft project that contains less tag number than 1500 by 4000 indusoft license in PC. If the indusoft project that contains more tag number than 1500 and run in the W-8x39 with 1500 indusoft license, it will show the time limitation of running with two hours.

Q7 : What kind of license version in InduSoft?

A7 : There are six indusoft license versions totally and they include 150 、 300 、 1500 、 4000 、 64000 、 512000 tag number. Users can choose one of them depending on how many tag and driver number you need in your indusoft project.

Q8 : What is the difference between Development and Runtime version of InduSoft?

A8 : They all include NT and CE version and they are described as follows :

- (1) NT Engineer+Runtime : Develop and Run indusoft project for NT and CE platform.
- (2) CE Engineer+Runtime : Develop and Run indusoft project for CE platform.
- (3) NT Runtime : Only Run indusoft project for NT platform.
- (4) CE Runtime : Only Run indusoft project for CE platform.

Note : When users develop indusoft project, users just can do that in NT platform like (NT/2000/XP) not for Win98 and CE platform.

Q9 : Can Indusoft project be developed in CE platform?

A9 : No, it can't. Indusoft project just can be developed in NT platform like (NT/2000/XP) not for Win98 and CE platform.

Q10 : Why using Indusoft SCADA software to build your project ?

A10 : (1)When users use indusoft to develop their project, they can finish it easily and quickly and without any program capability.

(2)ICPDAS DCON I/O modules Driver has been built in indusoft. Therefore, users can control I/O modules in indusoft quickly by setting the driver parameters without any code.

(3)ICPDAS has worked in indusoft for many years, so when users encounter any problem in

indusoft, we can provide the demo and service adequately. It will let users complete their project quickly and satisfyingly.

(4) In embedded system aspect, ICPDAS has integrated indusoft to WinCE platform embedded controller- WinCon-8000. Therefore, after users complete their indusoft project in PC, they can download it to the WinCon-8000 and run it directly. It provides users to develop their embedded SCADA controller quickly.

Q11 : How to recovery the InduSoft License in the WinCon-8000?

A11 : (1) Execute "CompactFlash/InduSoft/CEServerV4.3/CEServer.exe" in the WinCon.
(2) Click "Setup" button and then click "License..." button. Then click "Change License..." button.
(3) Input the correct SiteKey in "Site Key" field" and then click "Authorize" button to finish the register process.
(4) Execute "WinCon Utility" and click "Save and Reboot" button to save the register.

Q12 : How to know what version of InduSoft DCON Driver?

A12 : Run indusoft project in PC (with DCON Driver used), and then there will be a I-7000 module icon showd in the system row. Just click this icon and it will appear a window that shows current InduSoft DCON Driver version.

Q13 : How to transfer *.hst to*.txt?

A13 : (1) Open a command prompt window and change the path to "C:\Program Files\Indusoft Web Studio v6.0\Bin".
(2) Copy indusoft trend file (like 01050627.hst) to the path : "C:\Program Files\Indusoft Web Studio v6.0\Bin".
(3) Type "hst2txt 01050627.hst" in command prompt window and then it will produce 01050627.txt file in the folder.

Q14 : How to execute Indusoft project when PC boot on ?

A14 : Just copy "C:\Program Files\Indusoft Web Studio v6.0\Bin\RunStartUp.exe" to the path : C:\Documents and Settings\All Users\Start Menu\Programs\Startup.

Q15 : How to update Indusoft Version on the WinCon?

A15 : (1) From the path : <http://www.icpdas.com/products/Software/InduSoft/indusoft.htm>, Download

the item : [Download Runtime InduSoft SP5 for WinCon](#) .

- (2) Decompress the download file and it will produce a folder – indusoft. Copy it to the path : /CompactFlash/ on the WinCon to replace the original one.

Q16 : How to show Full Screen when indusoft run?

A16 : In the accessories of indusoft screen editor, change the Size value of Width and Height the same with your windows resolution.

Q17 : How to share data when using ISaGRAF and Indusoft on the WinCon?

A17 : Download from the path : <http://www.icpdas.com/products/Software/InduSoft/indusoft.htm>, and choose this item : [Indusoft and ISaGRAF communicate on the WinCON Manual](#).

Q18 : How to supervise the indusoft project by browser on PDA?

- A18 : (1) Users should have three files - REGSVRCE.EXE 、 IndHTTP.dll 、 ISSymbolCE.ocx that are related to the CPU Type of PDA.
- (2) Copy these file to the PDA and execute “REGSVRCE.EXE”. Then input the name : ISSymbolCE.ocx to register ISSymbolCE.ocx to the PDA.
- (3) Open browser and input the inudosft web page path. Then users can see the indusoft screen in the browser.

Q19 : How to know if the devices work well?

A19 : Using “Tag->quality” method to achieve the function. For example :
Add a new tag – AI and connect it to the device via indusoft driver form. Using “AI->quality” method, it will return a value and you can know if the devices work well by it. If the return value is 192, it means the communication is ok. If the return value is 0, it means the communication is not ok.

Q20 : How to speed up the DI and AI scan time when using DCON modules in Indusoft?

A20 : For example :

When using 7041 DI module in induosft, users just need to fill the first field of address in DCON Driver Form and other address fields are all blank. Then the continuous channel value will be acquired to the corresponding tag. Like below figure showed, the DI[0] to DI[3] tags will

receive the data value from channel 0 to channel 3 of 7041.

Description:
7041 Digital Input Increase priority

Read Trigger: Enable Read when Idle: 1 Read Completed: Read Status:

Write Trigger: Enable Write on Tag Change: Write Completed: Write Status:

Station: Header: DI Min:
Max:

	Tag Name	Address
1	DI[0]	01:7041:0
2	DI[1]	
3	DI[2]	
4	DI[3]	
5		

When using AI modules, the settings are all the same. Like below figure showed, the AI[0] to AI[3] tags will receive the data value from channel 0 to channel 3 of 8017.

Description:
8017 Analog Input Increase priority

Read Trigger: Enable Read when Idle: 1 Read Completed: Read Status:

Write Trigger: Enable Write on Tag Change: Write Completed: Write Status:

Station: Header: AI Min:
Max:

	Tag Name	Address
1	AI[0]	04:8017:1:0
2	AI[1]	
3	AI[2]	
4	AI[3]	

Q21 : How to supervise the indusoft project by browser on other PC?

- A21 : (1) When users want to supervise the indusoft project from other PC, users need to install ISSymbol element in that PC first. Users can download ISSymbol element from <http://www.icpdas.com/products/Software/InduSoft/indusoft.htm>, and choose the item : [Download ISSymbol V6.0.0.23](#).
- (2) Decompress it and execute ISSymbolReg.exe. It will install the necessary files in users' PC automatically.
- (3) Open the browser and type the indusoft web page path and it will show the indusoft screen in

the browser.

Q22 : How to send SMS (Short Message Service) in indusoft?

A22 : Please refer to <http://www.icpdas.com/products/Software/InduSoft/indusoft.htm> and choose the item : [Download InduSoft SMS Demo](#).

Q23 : Is there any reference book about indusoft to help users learn it?

A23: Yes, there is. ICPDAS publishes a reference book to help users able to learn indusoft quicker and apply it in users' control projects. It is written in Chinese and its name is 『圖形監控系統設計實務』. In the first half of this book, it explains how to use the functions provided by indusoft SCADA software by using demos. In the later half, it provides many real demos that detail how to communicate with ICPDAS I/O modules and how to combine with ICPDAS embedded controller – WinCon8000 by using indusoft. I believe that after users study it, they can build their embedded control project quickly and conveniently. Now many companies have adopted indusoft to develop their embedded system controller with WinCon-8000 and these applications include factory automation, temperature or water level measure and motor rotating speed control etc.

Q24 : Is Camera able to integrated in InduSoft to achieve video control?

A24 : It is positive. Now ICPDAS has cooperated with APPROTCH TECHNOLOGY INC. and the network camera – IDView has been integrated in indusoft. Therefore, users can see the video image and control devices simultaneously. Except that, users can also save the video image to files. By integrating network camera in indusoft, it lets indusoft more powerful and achieves real video control.

Q25 : How to integrate network camera – IDView in indusoft?

A25 : 1. Register "ICPDASVideoElement.ocx" to Windows :

(1) Copy ICPDASVideoElement.ocx to C:\WINDOWS\system32 下。

(2) Open command prompt window and input "regsvr32 ICPDASVideoElement.ocx". If it shows the window like below, it means the registration is successful.



2. From <http://www.icpdas.com/products/Software/InduSoft/indusoft.htm> and choose the item [Download ICPDAS Camera Demo](#). It includes the file - ICPDASVideoElement.ocx.

Q26 : How to print the indusoft screen when indusoft runs on the WinCon?

- A26 : 1.Users need to set the print function ok on the WinCon first. The manual download path is : http://www.icpdas.com/oldweb/products/wincon/wincon_index.htm and click "how to use" folder. Then download [howtouse_printer_en.zip](#) document.
- 2.Execute /CompactFlash/Indusoft/CEServer.exe to run indusoft project and then click File/Print item and it will print the current indusoft screen.