

Configuring 'Incident Commander Pro' for Network Use

This document details the steps required to configure **Incident Commander Pro** for network use with the Windows7 operating system. These steps are created using a standard Windows7-based network, with a router and associated network cabling.

Be sure that you have full Windows administrator privileges before starting the installation.

Note: If the networked computers are connected to the internet ensure that firewalls and virusscanning software are installed to protect them. Please see the following weblink for additional information on network configurations.

http://sartechnology.ca/sartechnology/ST_Network_Selection.htm



1. Install 'Incident Commander Pro' on the Host Computer

On the host computer: Install 'Incident Commander Pro' and then register it's network licenses, so that the host computer can share its information with the other networked client computers.



2. Install 'Incident Commander Pro's' Network Client Setup

On each client (networked) computer: Download the client setup installer ICPro_ClientSetup.exe For Incident Commander Pro V7: <u>http://sartechnology.ca/sartechnology/IncidentCommanderPro7_ClientSetup.zip</u>

For Incident Commander Pro V6: http://sartechnology.ca/sartechnology/ICPro_ClientSetup.exe

Run the client setup installer on each client computer to be networked to the host. This will install all of the necessary system files onto each client computer.



3. Share the Windows7 Homegroup Network

On the host computer:

Open the Windows Control Panel (in icon-view mode) and click on the homegroup icon.

- Under 'Share libraries and printers' ensure that Pictures, Documents and Printers are all checked for sharing.
- Under 'Other homegroup actions' click 'Change advanced sharing settings...'

Under 'Network discovery' select 'Turn on network discovery'.

For the Home or Work (current profile)...

Under 'File and printer sharing' select 'Turn on file and printer sharing'.

Under 'Public folder sharing' select 'Turn on sharing so anyone with network access can read and write files in the Public folders'.

4. Enable Windows Sharing

On the host computer:

Open Windows Explorer and browse to the C:\Program Files (x86)\SAR Technology folder. Select the **SAR Technology** folder, right click, select Share with...'Advanced Sharing' and then check the 'Share this folder' option. Click OK to save these sharing settings.

SAR Technology		
🥼 Sierra Wireless Inc	General Sharing Security Prev	ious Versions Customize
🥼 Silabs	Network File and Folder Sharing	
SpikeNet-Technology	SAR Technology	Advanced Sharing
January Synology	Not Shared	
Jo TechSmith	Naturals Daths	Share this folder
Temp	Not Shared	Settings
TOSHIBA	Chang	Share name:
J TOSHIBA Games	Share	SAR Technology
Uninstall Information	Advanced Sharing	
📙 V.92 Modem On Hold	Set outom permissions, creat	Add Remove
Windows Defender	advanced sharing options.	Limit the number of simultaneous users to: 20
Windows Mail		Commenter
Windows Media Player	Advanced Sharing.	Comments:
Windows NT	Password Protection	
📙 Windows Photo Viewer	Pooplo without a upor account	
Windows Portable Devices	can access folders shared wit	Permissions Caching
Windows Sidebar	To change this setting use the	
WinZip	to ondrige this setting, use th	
XML Notepad 2007		OK Cancel Apply
ProgramData		
SARGIS	ОК	Cancel Apply

5. Enable Windows Security Permissions

On the host computer:

Open Windows Explorer and browse to the C:\Program Files (x86)\SAR Technology folder. Select the **SAR Technology** folder, right click and select the Properties option.

Select the 'Security' tab then brows to each listed group or user name.

For each selected user click Edit... and then check Allow for all of the listed permissions. Click OK to save these permissions settings.

_	SAR Technology	SAR Technology Properties			23	22/10/2011 7:44 AM 29/10/2011 9:21 PM	File folder File folder
ચ્છે	IC IC ICv7 ICv7_180ct2011 ICv7_180ct2011 ICv7_180ct2011 ICv7_19Sep2011 ICv7_240ct2011 ICv7_240ct2011 ICv7net_180ct2011 Sierra Wireless Inc Silabs	General Sharing Security Previous Versions Customize Object name: C:\Program Files (x86)\SAR Technology Group or user names: Group or user names: & HomeUsers (SARTECHNOLOGY\HomeUsers) HomeUsers (SARTECHNOLOGY\Administrators) & Users (SARTECHNOLOGY\Users) TruetadInetallar Image: Complex Comple			11 22/10/2011 10:11 File fold Image: Security Image: Security Image: Security Object name: C:\Program Files (x86)\SAR Technology Group or user names: Image: SYSTEM		
	SpikeNet-Technolog Synology TechSmith Temp TOSHIBA TOSHIBA Games Uninstall Information V.92 Modem On Hol	Permissions for Users Full control Modify Read & execute List folder contents Read Write		Deny	SAR Technology (SARTECHNOLOGY\Lions Bay SAR) HomeUsers (SARTECHNOLOGY\HomeUsers) Administrators (SARTECHNOLOGY\Administrators) Users (SARTECHNOLOGY\Users) Add Remove Permissions for Users Allow Deny Full control V		
	Windows Defender Windows Mail Windows Media Play Windows NT Windows Photo View Windows Portable Dev Windows Sidebar	For special permissions or advanclick Advanced. Leam about access control and OK	Inced settings,	Advanced	Modify Read & execute List folder contents Read Leam about access control and OK	pemissions	Apply

6. Join the Windows7 Network Homegroup

On each client computer:

On each client (networked) computer open the Windows Control Panel (in icon-view mode) and click on the homegroup icon. Click 'Join now' and then complete the wizard to join the homegroup. (If the 'Join now' button is not visible the host computer's homegroup may not have been created or is not available).



7. Create an 'Incident Commander Pro' Network Shortcut

On each client computer:

In Windows Explorer browse to the Network... select the host computer-name... browse to ICV7... SARv7.exe (eg. <u>\LBSAR\ICV7\SARv7.exe</u>) (Incident Commander Pro Version7)

IC... SARv6.exe (eg. <u>\LBSAR\ICV7\SARv6.exe</u>) (Incident Commander Pro Version6)

(Note: to be visible for networking the host computer's Program Files\SAR Technology\IC... folder must first have been set to shared).

Right-click on SARv7.exe (or SARv6.exe) and select Send to... Desktop (create shortcut). The network shortcut to the host computer will then be displayed on the client computer(s) desktop. Double-clicking on the client's 'Incident Commander Pro' network shortcut will then run 'Incident Commander Pro' installed on the host computer.



Running the 'Incident Commander Pro' over a Computer Network

'Incident Commander Pro' is designed to be run either as a 'standalone' program on a single computer, or as a 'host' program serving multiple 'client' computers on the same local network.

Form Data Entry

Data entry forms, such as the Personnel or ICS forms, may have data entered from either the host or the client computers. To update the latest data-display either browse, refresh or close and re-open the form. To view the images within forms from the client computer (such as personnel portraits, route images etc.) previously entered on the host computer, browse from the client to these host-computer file locations. The form's images will then become visible on the client computers.

GIS Module Data Entry

For the fastest and simplest operation the GIS module should be run, with data-entry, from the host computer, however the GIS module can also be viewed from the client computers.

Once the selected map has been opened on a client computer, it's custom-edited features (such as routes, labels, symbols etc.) should be visible on the client computers.

To view the background map layers previously entered on the host computer, on the networked client computers, when prompted (on map-loading), browse to these host-computer map-file locations. The background map layers will then become visible on the client computers GIS module.

GIS Data Display

While GIS data-entry should be entered from the host computer each client computer can be used to view the GIS map. Basic mapping functions, such as zooming, panning and printing, can also be performed from the client computers.