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 virus-scanning 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:
    http://sartechnology.ca/sartechnology/IncidentCommanderPro7_ClientSetup.zip

    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.
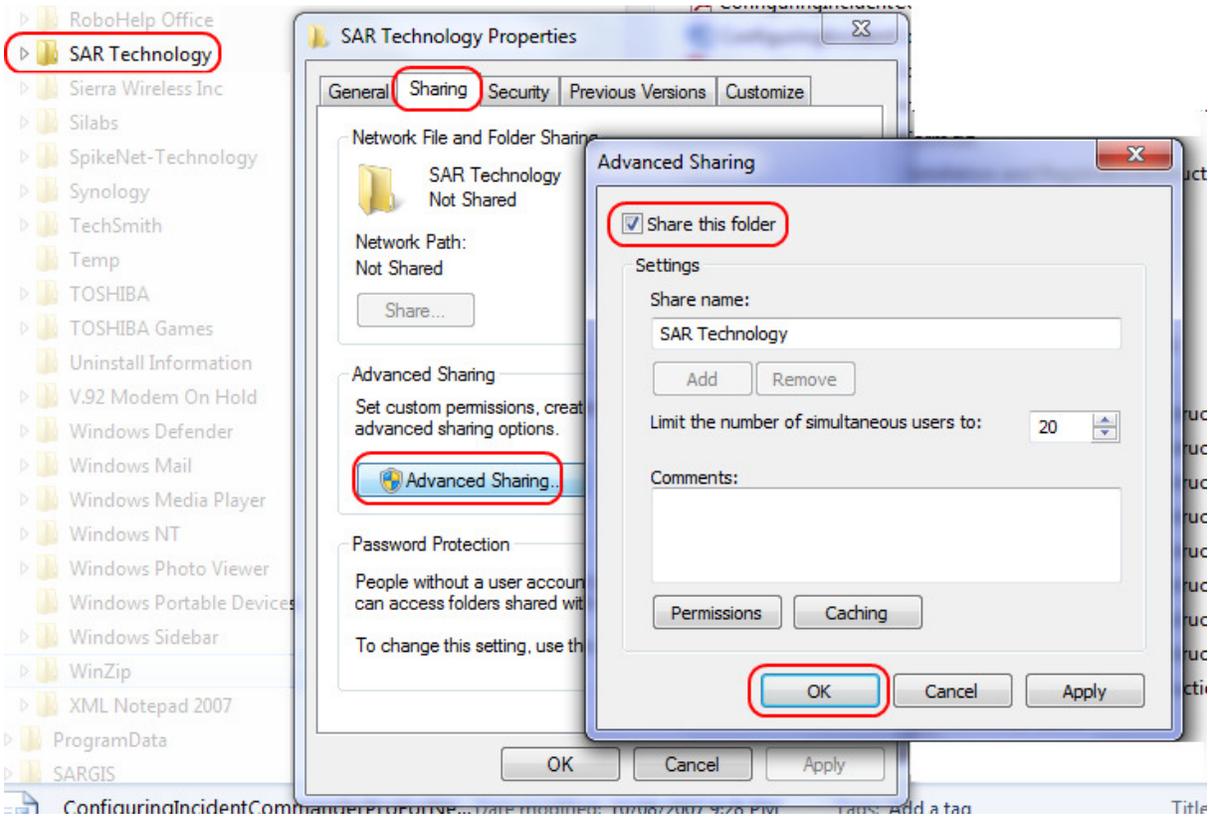
5. Enable Windows Security Permissions

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.
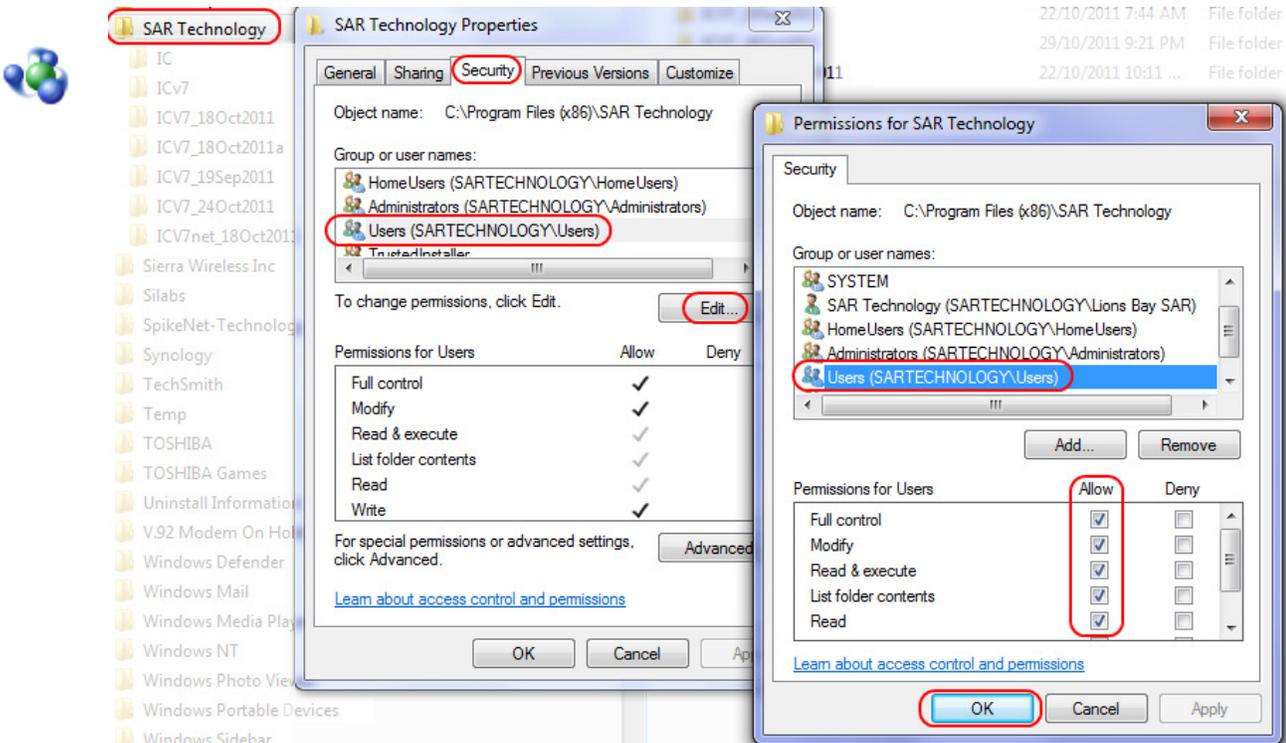
6. Join the Windows7 Network Homegroup
On each client computer:
On each client (networked) computer open the Windows Control Panel (in icon-view mode) and click on the homegroup icon. Click 'Join now' and then complete the wizard to join the homegroup. (If the 'Join now' button is not visible the host 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. \\LBSAR\ICV7\SARv7.exe) (Incident Commander Pro Version7)

IC… SARv6.exe   (eg. \\LBSAR\ICV7\SARv6.exe)   (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.