

Please start reading from here

「SSCom Lite」 Install Guide

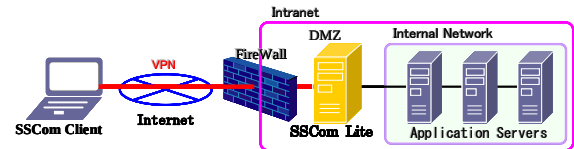
Thank you for purchasing SSCom Lite. To install the system correctly, please operate according to this guide.

This product consists of client software (SSCom Client) and server software (SSCom Lite), while client software includes two versions: Virtual IC Card version and eToken PRO version. For details, please refer to SSCom site.

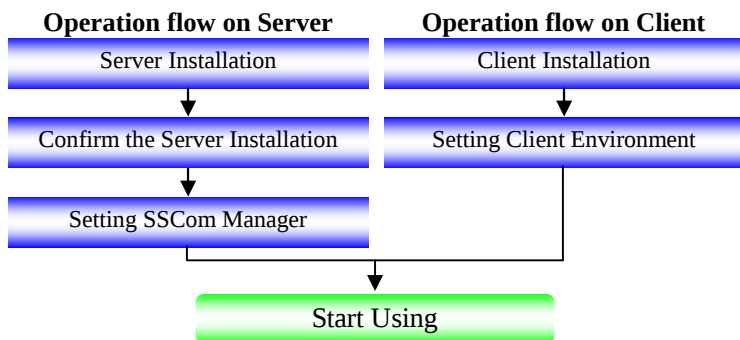
<http://www.hitachi-systems.com/solution/s002/sscom/>

1. Operation Flow

This product needs operations of client and server on both sides. The system configuration diagram is as follows:



* Please set up SSCom Lite to DMZ, which has access to the Internet and the internal company business server. Operation flow is as follows:



2. Operating Environment

(1) Operating Environment of the Server

OS Supported	Microsoft Windows Server 2003 SP2 R2
	Microsoft Windows Server 2008 SP2
	Microsoft Windows Server 2008 R2 SP1(x64)
	Microsoft Windows Server 2012(x64)
CPU / RAM	2GHz or higher / 1GB or higher (recommended)
HDD Capacity	Free space 1GB or higher (increase by the log)

(2) Operating Environment of the Client

OS Supported	Microsoft Windows Vista Business/Enterprise
	Microsoft Windows 7 All Editions
	Microsoft Windows 8 / 8.1 All Editions
CPU / RAM	1GHz or higher / 512MB or higher (recommended)
HDD Capacity	Free space 20MB or higher

3. Server Installation

Server installations are detailed below:

- Log on the server to which SSCom Lite will be installed with Administrator privilege.
- Before installing, please confirm the server has installed with IIS (Internet Information Service).
 - If it is Windows Server 2003 => IIS6.0
 - If it is Windows Server 2008 => IIS7.0/7.5
 - If it is Windows Server 2012 => IIS8.0* Compatibility mode of IIS6.0 should be configured with Windows Server 2008. Please refer to the configuration steps in "SSCom Manual Administrator Guide".

<Confirm Steps>

- Choose Windows Start menu "All Programs" - "Administrative Tools" - "Internet Information Service (IIS) Manager".
 - Click the "Help" menu in the IIS "About Internet Information Service (IIS) Manager", and confirm the version of IIS in the version information dialog box.
- Insert CD-ROM of SSCom Lite into the server's CD-ROM drive.
 - Click the Start menu and select "Run", then input the setup program name of SSCom Lite in the input box of "Name", click on "OK" button to initiate the setup wizard. Installer is saved in the folder "SSCom" in the CD-ROM. If the CD-ROM drive is in the disc E, please input "E:\SSCom\setup.exe".
 - When it shows "Welcome to the InstallShield Wizard for SSCom Integrated Installer", please click "Next".
 - When it shows "Setup Type" dialog, please select "Full Install" and select "Next".
 - When it shows "Choose Destination Location", please set the installation location path and click "Next". If you want to change the default installation location, please click "Browse" and select a new location.
 - When it shows "Choose Log Output Destination" dialog, set up the output path of SSCom access log and click "Next". If you want to change the default folder, please click "Modify" and select a new folder.
 - When it shows the "Ready to Install the Program" dialog, click "Install" to start the installation.
 - When the installation is completed, it shows the "InstallShield Wizard Complete" dialog. Please click "Finish".

At this point, the server installation is complete.

4. Confirm the Server Installation

To make sure each part of SSCom Lite has been successfully installed, please check in the following ways:

(1) Check SSCom VPN Server

- Select "Control Panel" in Windows Start menu and double-click the "Service" icon in the "Administrative Tools" to show the "Service" dialog box.
- SSCom VPN Server has been installed successfully if the service status of SSCom VPN Server becomes "Started".

(2) Check SSCom GAC Server

- Select "Control Panel" in Windows Start menu and double-click the "Service" icon in the "Administrative Tools" to show the "Service" dialog box.
- SSCom GAC Server has been installed successfully if the service status of SSCom GAC Server becomes "Started".

(3) Check Directory Server

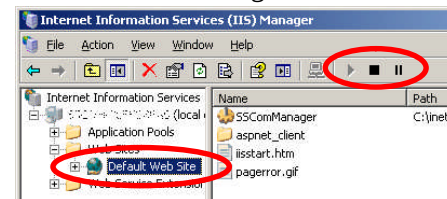
- Select "Control Panel" in Windows Start menu and double-click the "Service" icon in the "Administrative Tools" to show the "Service" dialog box.
- Click "Open LDAP Directory Service".
- Click "Restart Service". Directory Server has been installed successfully if the server can restart.

(4) Check SSCom Manager

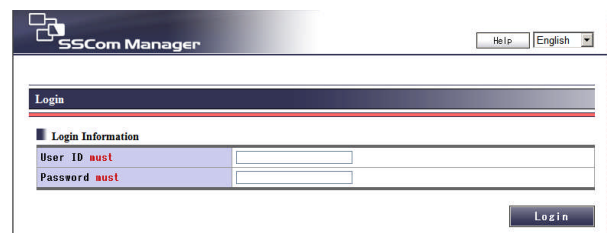
- Check if IIS has been started.

<Steps>

- Select Windows Start menu "All Programs" - "Administrative Tools" - "Internet Information Service (IIS) Manager" and start it.
- Expand the "Web Site" in the tree on the left side to check that each Website is running.



- Start browser and input login address of SSCom Manager. URL: http://xxxxxxxxx/SSComManager/ssdf_1000.aspx (xxxxxxxxxx is the server address)
- If SSCom Manager Login page appears, that shows the installation is successful.



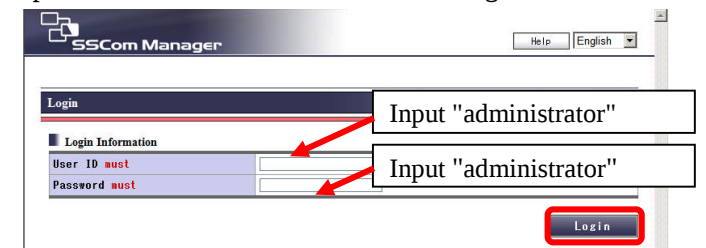
*SSCom CA/Lite is part of SSCom Manager. If SSCom Manager Login page appears, that shows the installation is successful.

5. Setting SSCom Manager

After login SSCom Manager, please start administrator registration, License Key registration, SSCom user registration and certificate issuance. And the License Agreement of SSCom should be used in the License Key registration process. License Agreement refers to the "License Agreement.pdf" under the "Documents" folder in SSCom Lite CD-ROM.

(1) System Administrator Registration

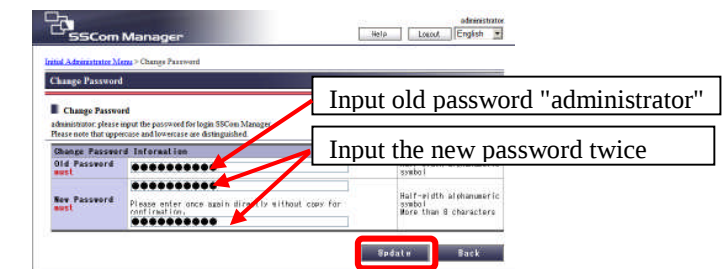
- Input user name "administrator" in SSCom Manager, password: "administrator" and click "Login".



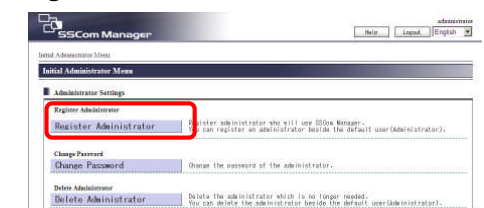
- After login, please click "Change Password".



- Change password of SSCom Manager. Input new password to replace the old one "administrator".



- Back to the Initial Administrator Menu, and click "Register Administrator".



- Register the administrator who will use SSCom Manager.

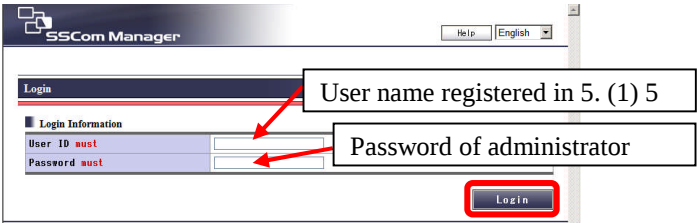


- Click "Logout" at the top-right of the page to log out.

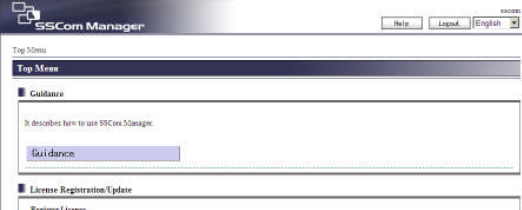


(2) Login SCom Manager

1. Login by the user name registered in 5. (1) 5.

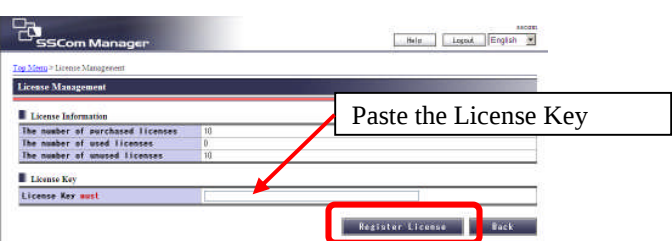


2. After login successfully, the "Top Menu" page displays.



(3) License Key Registration

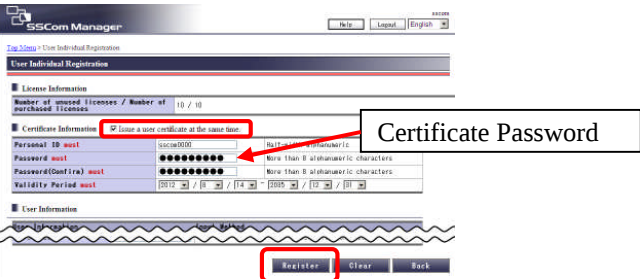
1. After login, click the "Register License" button on the Top Menu page.
2. Copy the license key from the License Agreement and paste into the "License Key" column of SCom Manager.



After registration, confirmed that the "The number of purchased licenses" is 50, and click on "Back", back to Top Menu page.

(4) Create User Account

1. Please click on "Register User" on the Top Menu page.
2. Check "Issue a user certificate at the same time" on the page. Input password of the certificate in the "Password" column. Please enter your user information in other items in accordance with the hint on the page, and click on "Register".



3. After registration, certificate downloading begins. If SCom Client (Virtual IC Card version) is used, please inform the user of the certificate and its password. If it is SCom Client (eToken PRO version), please import the certificate to eToken PRO, and distribute the eToken PRO and its password to user. For details, please refer to SCom site.
4. Execute the operations in 5.(4) 2 repeatedly according to numbers of users as needed.

6. Client Installation

Please follow the steps below to install SCom Client:

(1)Install SCom Client

1. Login as an administrator to install SCom Client.
2. If you are using the eToken PRO version, please install the driver of eToken PRO in advance. For details, please refer to SCom site.
3. Please insert CD-ROM of SCom Client into CD-ROM drive of the PC in which software needs to be installed.
4. Select "Run" in Windows Start menu, input installer name of SCom Client in the "Name" column, click "OK" to start the Setup Wizard. Installer refers to "Setup.exe" under the "Client\Virtual IC Card" folder in the CD-ROM if the client is Virtual IC Card version. If the client is eToken PRO version, it refers to "Setup.exe" under the "Client\eToken" folder in the CD-ROM. So if the CD-ROM drive is in disc E and client is Virtual IC Card version, please input "E:\Client\Virtual IC Card\Setup.exe".
5. When a welcome dialog appears, click "Next".

* If the operating system is Windows Vista, the dialog box of User Account Control will appear before the Welcome dialog. If the dialog box pops up, please click "Continue" to upgrade privilege.

6. When "Choose Destination Location" dialog appears, please set the installation location path and click "Next". If you want to change the default installation location, please click "Browse" and select a new path.
7. When "Select Program Folder" dialog appears, select a folder and click "Next".
8. When "Run at the Windows startup" dialog appears, if needs SCom Client automatically starts when the system starts up, please select "Yes" and click "Next".
9. The computer needs restart after the installation of SCom Client completed. If you want to restart it immediately, please click "Yes, I want to restart my computer now.", and click "Finish".

At this point, the client installation is completed.

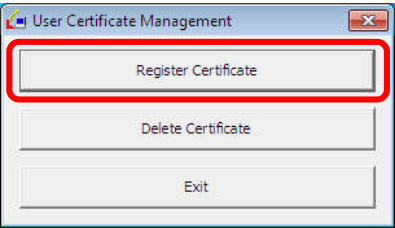
7. Setting Client Environment

Please follow the steps below to do SCom Client setting:

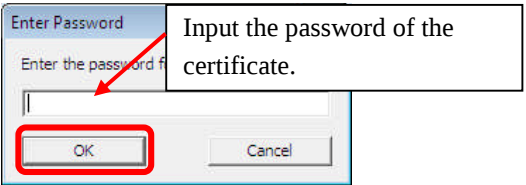
(1) Import Certificate (Virtual IC Card version)

Import the certificate issued by SCom Manager into SCom Client.

1. Select "SCom Client" in Windows Start menu - select "User Certificate Management Tool".
2. Click "Register Certificate", select a Certificate issued by SCom Manager (*.p12 file).



3. Input the password of the certificate and click "OK".



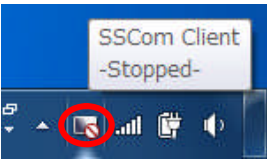
4. After successful registration, please click "Exit" on "User Certificate Management" dialog to exit.

(2) Import Certificate (eToken PRO version)

Write the Certificate into the device by accessory tool of eToken PRO. For details, please refer to SCom site.

(3) Initial Setting of SCom Client

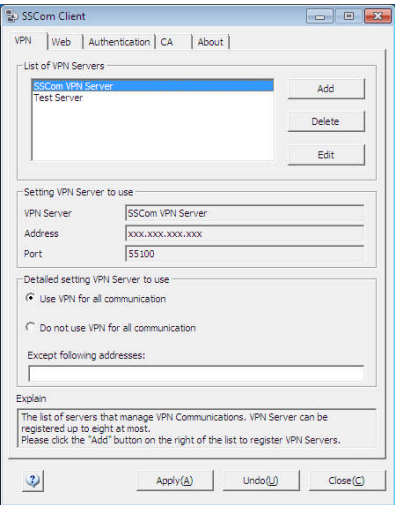
1. Start SCom Client. SCom Client will be started automatically when logon Windows. The icon of SCom Client displays in the task tray when it starts.



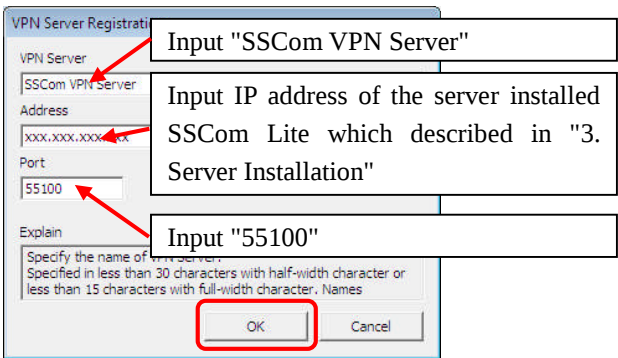
- * If automatic startup of SCom Client is not chosen in installation, please refer to "SCom Manual User Guide" to start SCom Client from Windows Start menu.
- * The icons of SCom Client vary according to the Authentication Setting.

Icon	Authentication Setting
	Use VPN Function
	Use Web Authentication Function
	Stop SCom Function

2. Double click icon of SCom Client in the task tray, the environment setting dialog box will pop up.



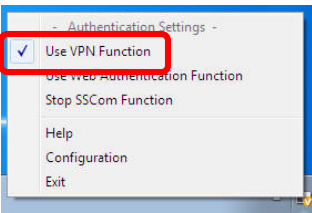
3. Click "Add" in "VPN" tab to add a VPN server and click "OK".



Environment setting is done till now.

(4) Start Using

1. When you are starting to use SCom Client, right click SCom Client icon in the task tray and select "Use VPN Function" in the pop-up menu.



2. When the communication of application begins, password input dialog will appear. If you are using SCom Client (Virtual IC Card version), please enter the password of the certificate. If you are using SCom Client (eToken PRO version), please enter the password of eToken.

3. Upon entering the password, the VPN Communication of SCom starts.