

Femtet License Operation Manual

Murata Software Co., Ltd.

Ver 190402

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1. Terminology

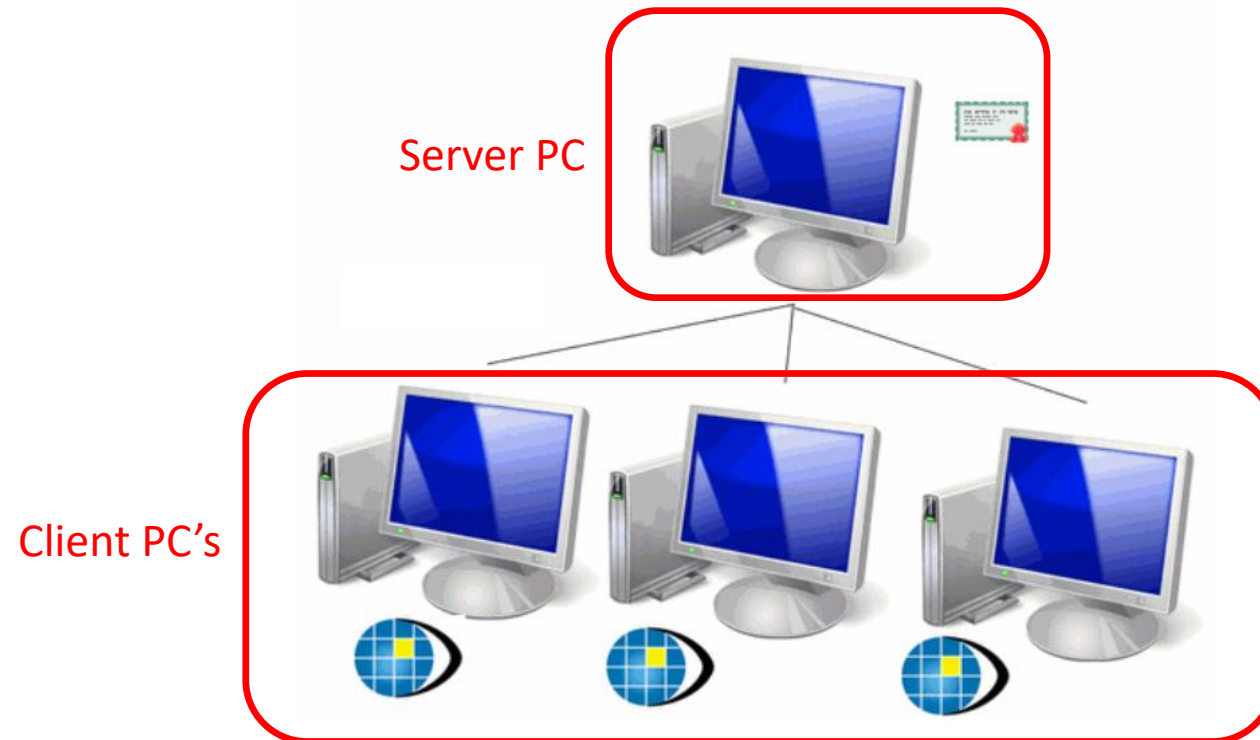
In this manual, there are two kinds of PC's referred to as follows.

Server

This is the PC where the license is installed.

Client

This is the PC where the license is not installed.



2. How to Use License

There are three patterns of license usage as follows.
In this manual, #3 is explained.

#1. Node Lock

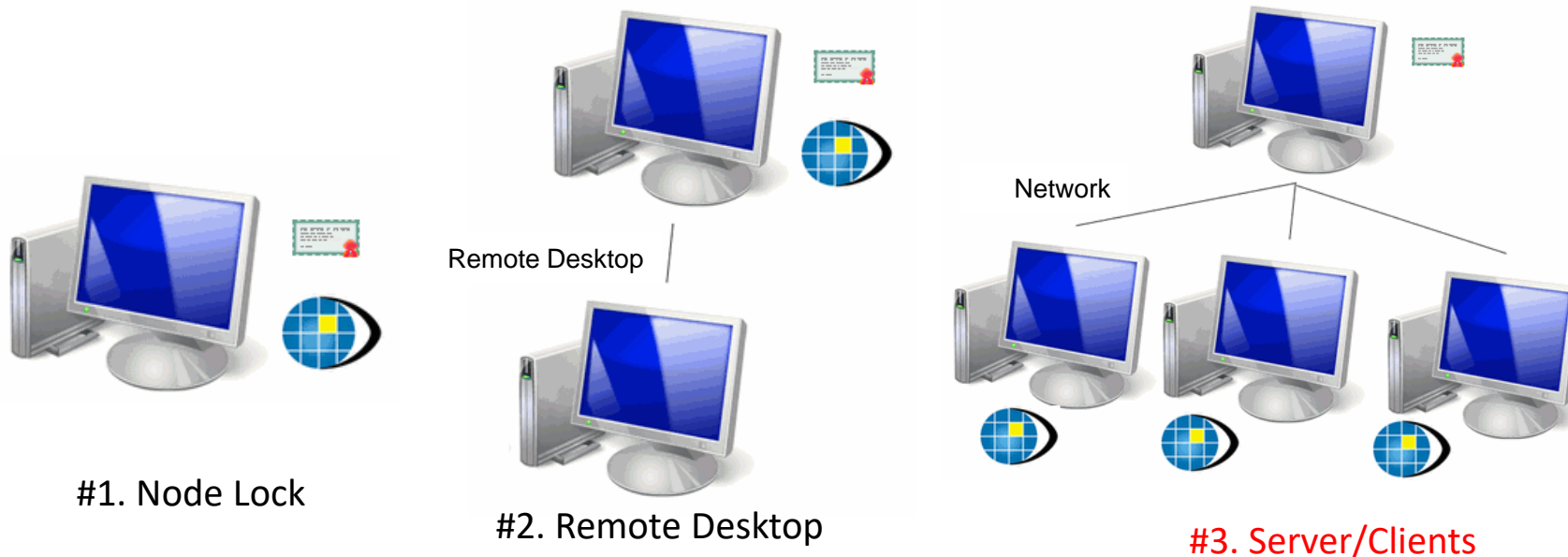
Femtet is installed in the server.

#2. Remote Desktop

Femtet is installed in the server and used in the remote desktop

#3. Server/Clients

Femtet is installed in the client.



3. Supported OS

Supported Operation Systems are as follows:

- Windows Vista SP2 (x86 and x64)
 - Windows 7 SP1 (x86 and x64)
 - Windows 8.1 SP1 (x86 and x64)
 - Windows 10 (x86 and x64)
 - Windows Server 2008 SP2 (x86 and x64)
 - Windows Server 2008 R2 SP1 (x86 and x64)
 - Windows Server 2012 R2 (x86 and x64)
- (*) Terminal Service on Windows Server is not supported.

4. Server Settings

1. Download Rustool from Murata Software's website.
Go to <http://www.muratasoftware.com/en/>
[Download] > [Tools]
2. Install RusTool to the server
3. Install license to the server

*10MB memory is required on the harddisk to install RusTool

4. Server Settings

Add a new inbound rule for port 1947, and apply it to TCP and UDP.

Steps

1. Activate Windows Defender Security Center.
2. Click [Firewall & network protection].
3. Go to [Inbound Rules] > [New Inbound Rule Wizard].
4. Select [Port] and click [Next].
5. Select [TCP] and type 1947 for [Specific local ports], and click [Next].
6. Click [Allow the connection], and click [Next].
7. Click [Next]
8. Enter a name of your choice (ex: port1947TCP) and click [Finish].
9. Repeat above steps for UDP (select [UDP] at step 5).

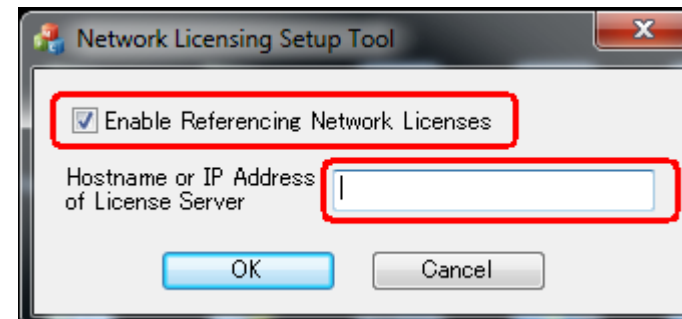
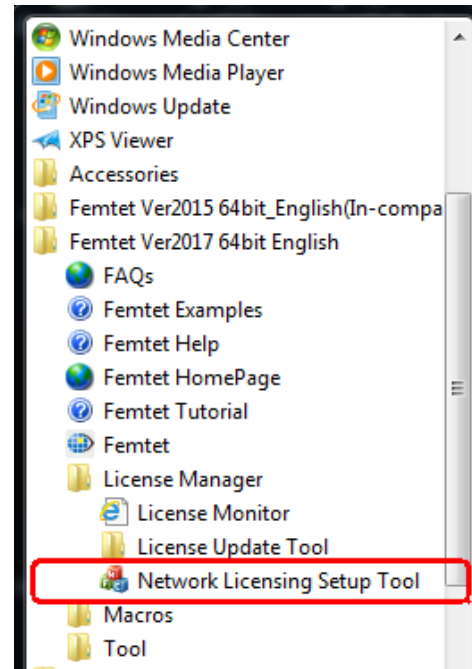
Note: If the port 1947 is blocked by router or other security tool, release such blocking.

5. Client Settings

Setup for the access to the server by the client.

1. Install Femtet in the client PC.
2. Go to Windows [Start] > [All Programs] > [Femtet Ver xxx.xxbit] > [Tool] > [Network Licensing Setup Tool] > [Run as administrator].
Then, type Hostname or IP address.

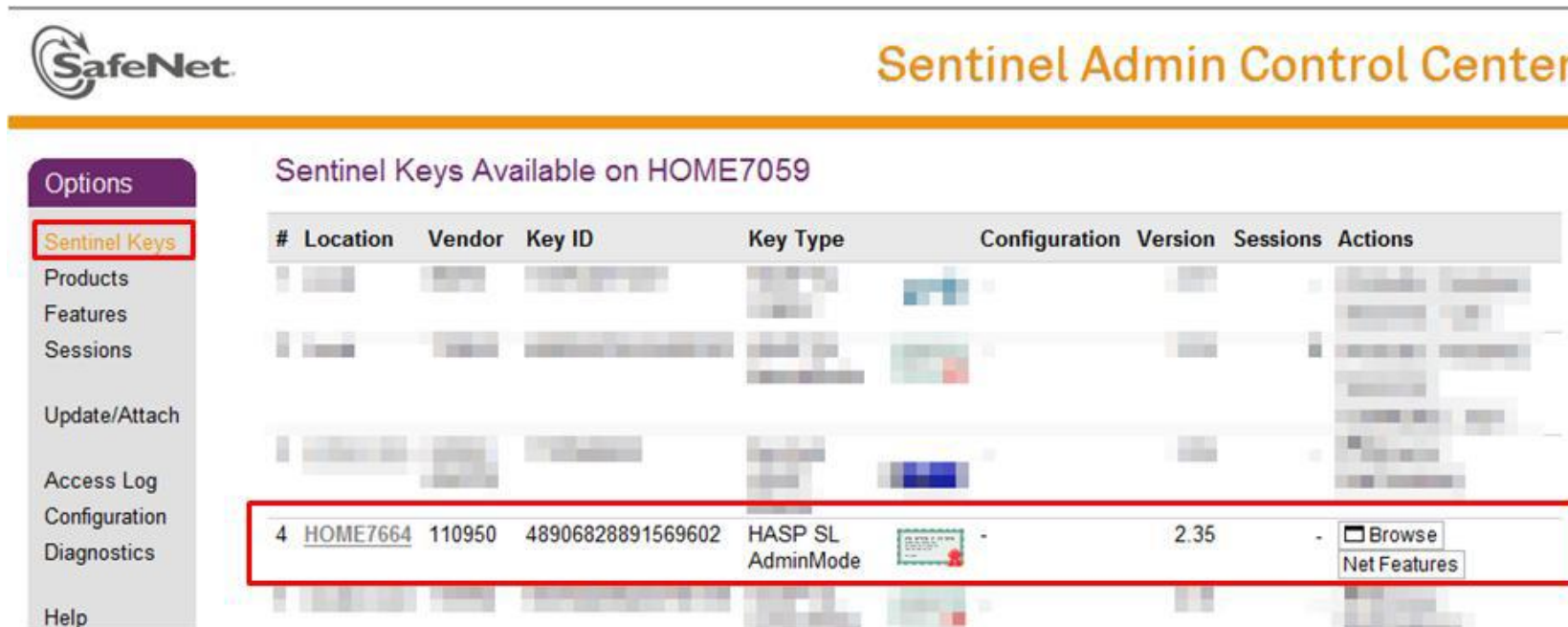
*Note: This procedure is required for every client PC.



6. Client's Reference to the Server

Go to <http://localhost:1947/> in the client PC.

Sentinel Keys



Sentinel Keys Available on HOME7059

#	Location	Vendor	Key ID	Key Type	Configuration	Version	Sessions	Actions
4	HOME7664	110950	48906828891569602	HASP SL AdminMode	-	2.35	-	Browse Net Features

Location: Server PC

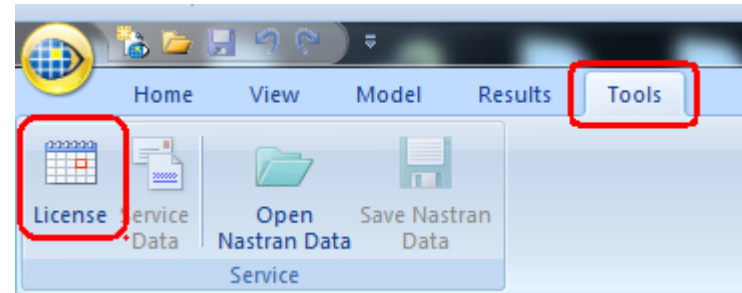
Vender : Murata Software's Vendor ID(110950)

KeyID: License Key ID

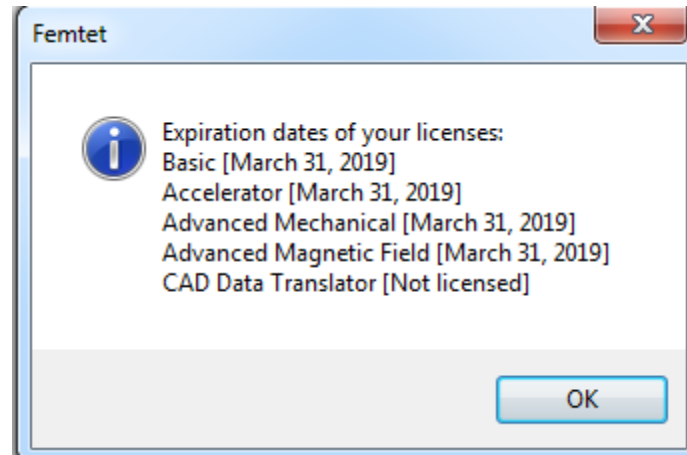
7. Femtet Activation

1. Activate Femtet.

Go to [Tool] > [License]



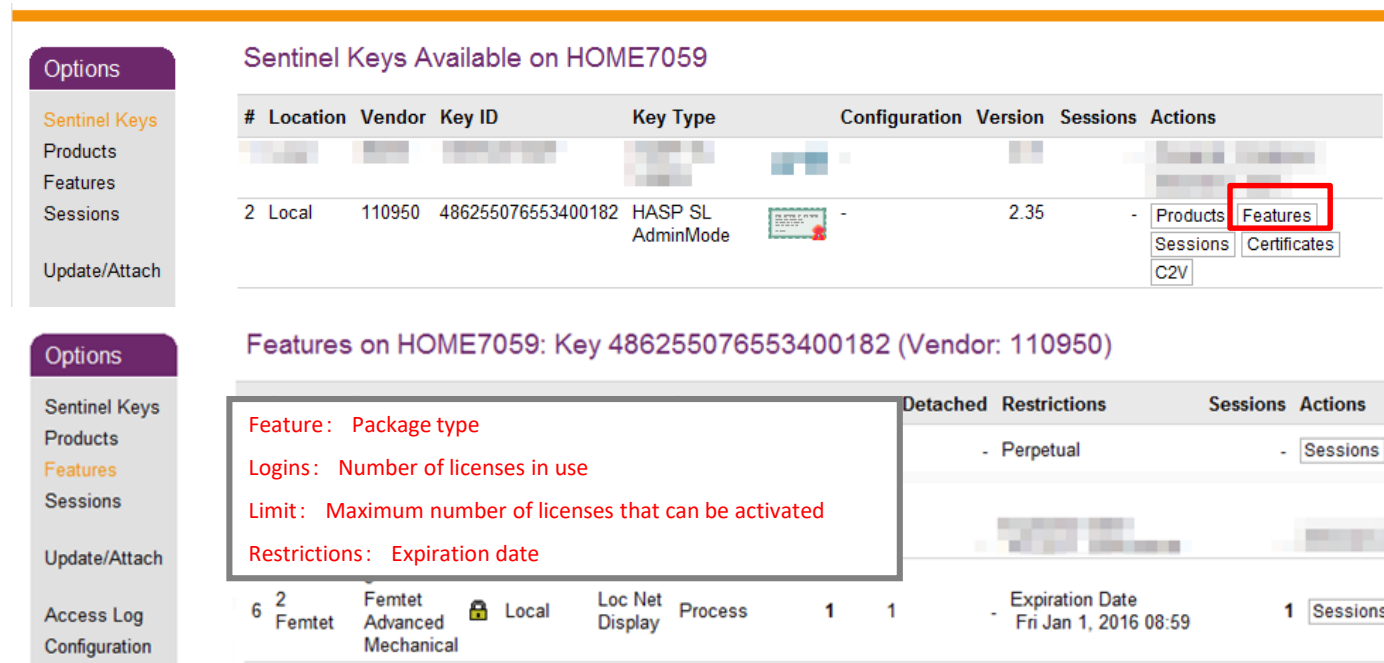
2. Check the expiration dates.



8. License Status

To confirm the license status, go to <http://localhost:1947/> in the client PC.

1. Sentinel Keys
2. Actions > Features



The screenshot displays the license management interface. The top section, titled "Sentinel Keys Available on HOME7059", contains a table with columns: #, Location, Vendor, Key ID, Key Type, Configuration, Version, Sessions, and Actions. A red box highlights the "Features" button in the Actions column for the first row.

#	Location	Vendor	Key ID	Key Type	Configuration	Version	Sessions	Actions
2	Local	110950	486255076553400182	HASP SL AdminMode	-	2.35	-	Products Features Sessions Certificates C2V

The bottom section, titled "Features on HOME7059: Key 486255076553400182 (Vendor: 110950)", contains a table with columns: #, Location, Vendor, Key ID, Key Type, Configuration, Version, Sessions, and Actions. A red box highlights the "Features" button in the Actions column for the first row.

#	Location	Vendor	Key ID	Key Type	Configuration	Version	Sessions	Actions
6	Local	Femtet Advanced Mechanical	486255076553400182	Loc Net Display Process	-	1	1	Detached Restrictions Sessions Actions

A tooltip is visible over the "Features" button, listing the following details:

- Feature: Package type
- Logins: Number of licenses in use
- Limit: Maximum number of licenses that can be activated
- Restrictions: Expiration date

9. Other Settings

Restrictions on the Access from the Clients

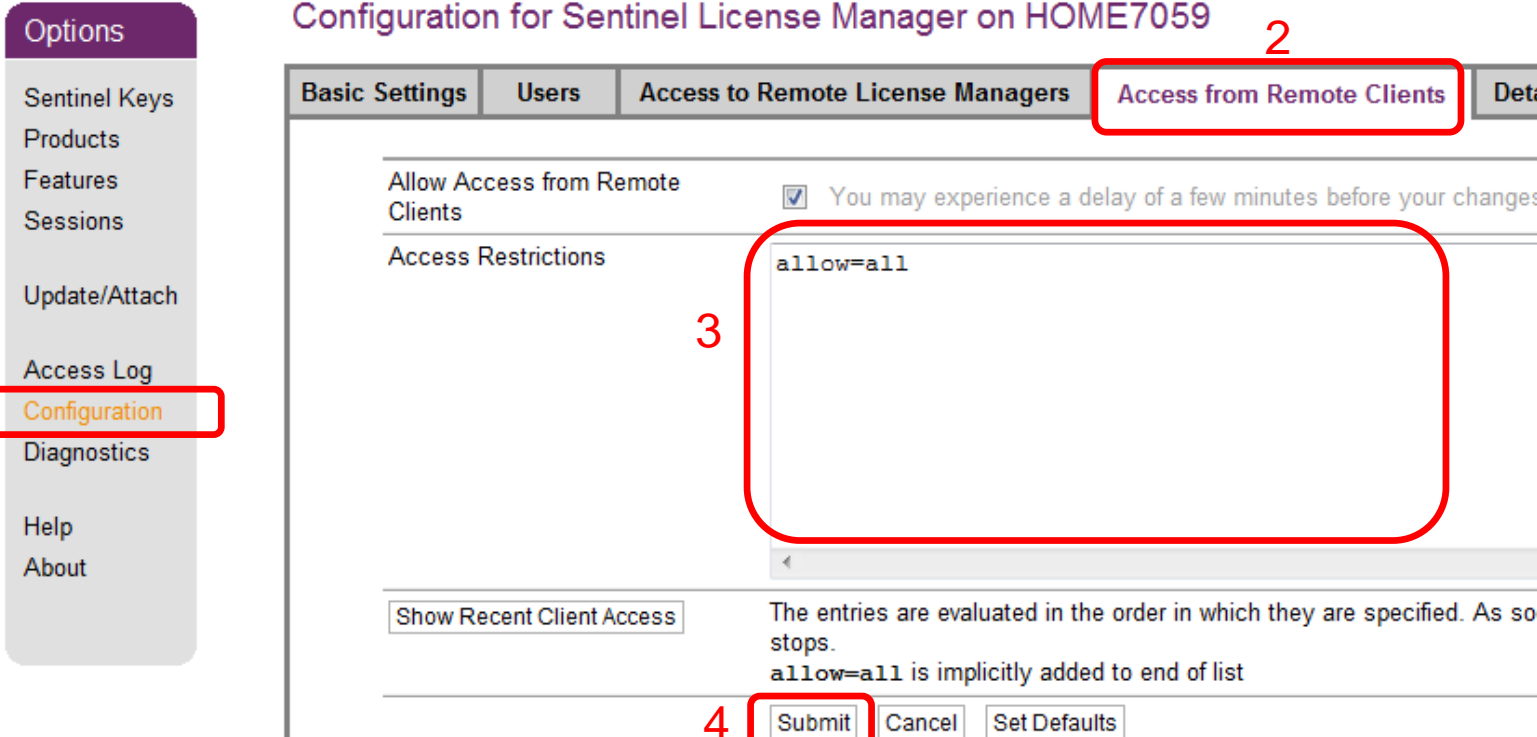
Restrictions on the Access to the Server

Optional Licenses

Settings in the Server

Go to <http://localhost:1947/>

1. Configuration
2. Access from Remote Clients
3. Describe details of restrictions in [Access Restrictions]
4. Press [Submit] button



Options

- Sentinel Keys
- Products
- Features
- Sessions
- Update/Attach
- Access Log
- Configuration**
- Diagnostics
- Help
- About

Configuration for Sentinel License Manager on HOME7059

Basic Settings Users Access to Remote License Managers **Access from Remote Clients** Details

Allow Access from Remote Clients You may experience a delay of a few minutes before your changes

Access Restrictions

```
allow=all
```

Show Recent Client Access

The entries are evaluated in the order in which they are specified. As soon as one entry stops, the process stops.
allow=all is implicitly added to end of list

Submit Cancel Set Defaults

Settings in the Server

Examples:

allow=10.24.2.*

allow=192.168.*

allow=193.*

allow=10.1.1.10-20

deny=all

Access Restrictions Defines the restrictions that will be imposed on remote machines accessing this Sentinel License Manager. Enter data in the following format:

allow=[*item*] and/or deny=[*item*], where *item* is an IP address or machine name. IP addresses can include "*" or a range of addresses allow or deny multiple addresses. The value of *item* can also be all or none. Each entry must be on a separate line. The entries are evaluated in the order in which they are specified.

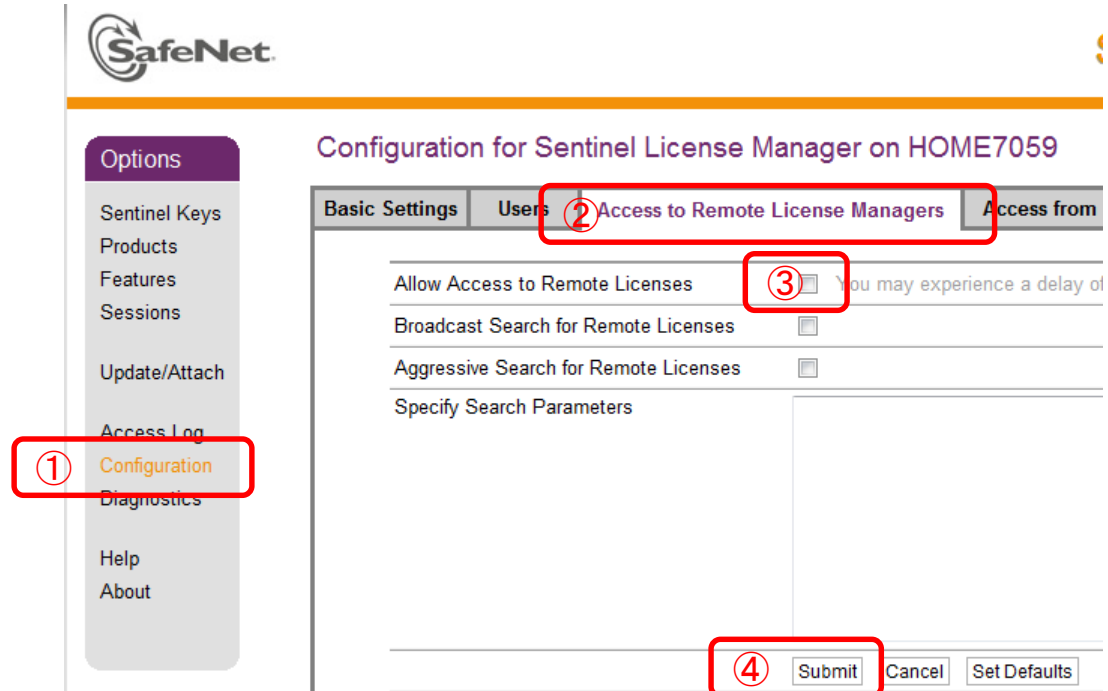
For example, *item* can be:

10.24.2.18	a single address
10.24.2.10-50	range of addresses (only 4th number may be a range)
10.24.2.*	class C subnet
10.24.*.*	class B subnet
10.*.*.*	class A subnet
10.24.2.0/24	subnet, number of mask bits specified

Settings in the Client

Go to <http://localhost:1947/>

1. Configuration
2. Access to Remote License Managers
3. Deselect [Allow Access to Remote Licenses]
4. Press [Submit] button



The screenshot displays the SafeNet web interface for configuring Sentinel License Manager on HOME7059. The interface includes a sidebar on the left with the following options: Sentinel Keys, Products, Features, Sessions, Update/Attach, Access Log, Configuration (1), Diagnostics, Help, and About. The main content area is titled 'Configuration for Sentinel License Manager on HOME7059' and has four tabs: Basic Settings, Users, Access to Remote License Managers (2), and Access from. The 'Access to Remote License Managers' tab is active, showing the following settings:

- Allow Access to Remote Licenses (3) You may experience a delay of
- Broadcast Search for Remote Licenses
- Aggressive Search for Remote Licenses
- Specify Search Parameters

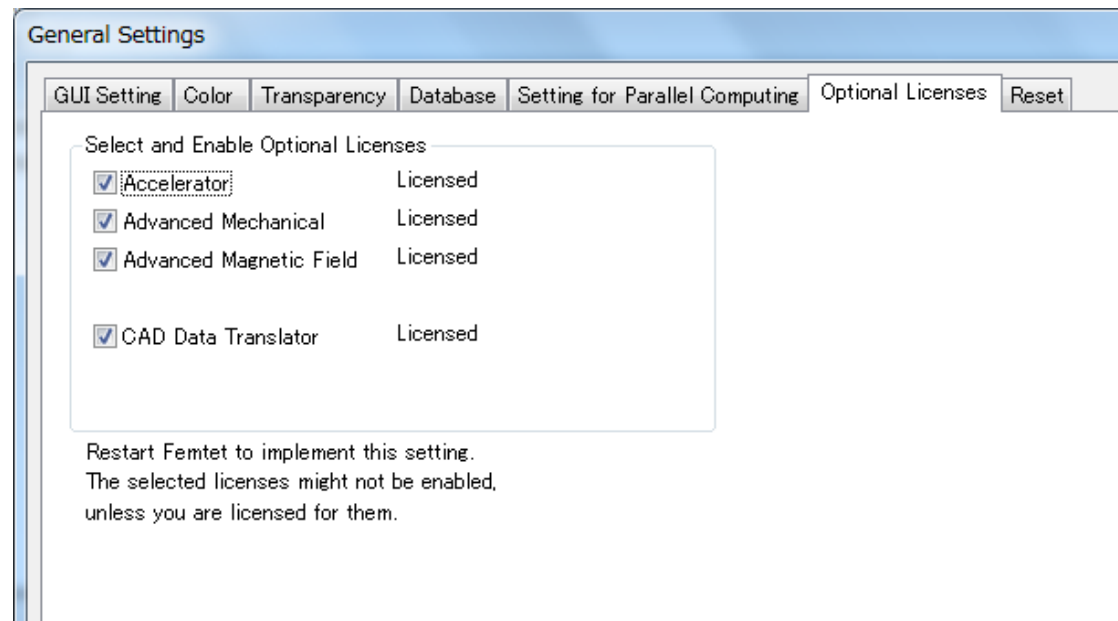
At the bottom of the configuration area, there are three buttons: Submit (4), Cancel, and Set Defaults.

Settings in the Client

To select optional license,

go to [Application Menu ] > [General Settings] > [Optional Licenses]

If you don't want to use [CAD Data Translator] for example, deselect it.



10. Trouble Shooting

RusTool Installment Failure

Femtet Activation Failure

To install RusTool, you need to terminate processes on HASP/Sentinel LDK tools beforehand.

1. Log on the server as administrator
2. Go to Windows [Start] > [Control Panel] > [Administration Tool] > [Service]
Stop other HASP/Sentinel LDK Services*.
3. Install Rustool
4. Restart the server
5. Restart other HASP/Sentinel LDK services if needed.

*If you are not sure of the service you need to stop, please contact the support center.

Femtet Activation Failure

1. Check the license in the server.
See details on page 10.
2. Check the server reference settings in the client.
See details on page 7.

