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EpsonNet Config
Operations Guide

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Using EpsonNet Config

Product Functions

This product allows the network administrator to detect devices on the network, and then setup or change functions for the network devices individually or as a batch. The administrator's workload can be reduced by performing batch setups for multiple devices on the network.

❑ You can make settings or changes for individual network devices or all network devices as a batch.

❑ You can output configuration information for the network device as a SYLK format file. Because the SYLK format is supported by Microsoft Excel, the user can make batch settings or changes to the configuration information for multiple devices.

❑ You can simplify device management by registering the device to My Device.

❑ As well as devices on the local network, you can also make settings or changes to devices on an external network (you need to change Search Parameters).

> *Note:*
> ❑ *The batch setting function is only available for Windows versions.*
>
> ❑ *In the EpsonNet Config Portable edition, the log file is deleted when the application is closed.*

Workflow

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The following section provides a detailed explanation for how to make each setting. This guide focuses on making network item settings for network-connected devices.

Setting or Changing Devices One at a Time

This section explains how to configure one device at a time using EpsonNet Config.

1 Start EpsonNet Config.

2 Select the device you want to configure.

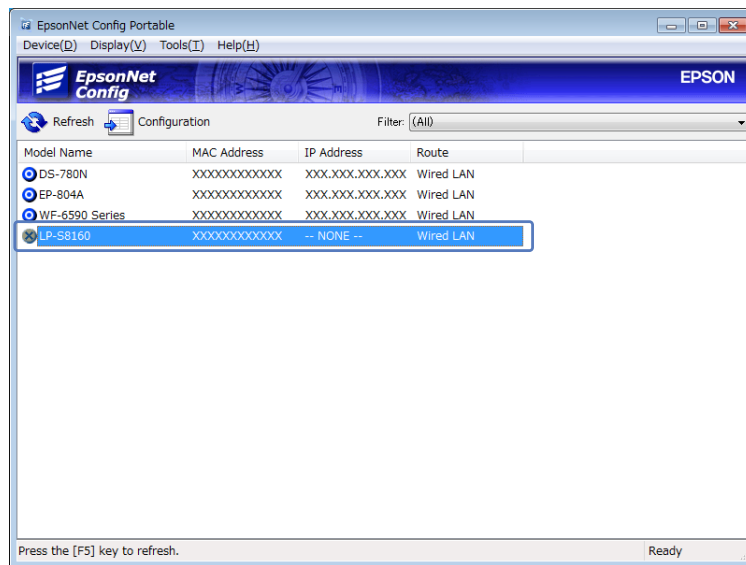If the device is not displayed, check that the device is turned on, or if the same segment as the computer has the device. Set **Tools** - **Options** - **Search Parameters** to display devices outside the local network.


Note:
❏ *Devices may not be displayed because their default setting is ad-hoc mode. In this case, set the computer's wireless LAN environment to ad-hoc mode.*

❏ *When identifying and selecting devices with the same model…*
Use the MAC address to distinguish between multiple devices with the same model. You can check the MAC address on the network status sheet. Some devices can also be identified on the control panel.

❏ *When displaying devices outside the local network…*
*When the device is outside the computer's local network, click **Tools** - **Options**, and set the search address on the Search Parameters screen to display the device.*

❏ *To register to My Devices…*
*Select the device you want to register, and then click **Device** - **Register to My Device** or right-click to display Register to My Device, and register the device. When registered, a star appears on the product name icon. This is useful for managing a specific device because only devices that you have registered in Filter are displayed when you register your device.*

3 Click **Configuration**.

When the network settings for the selected device are properly configured (⬤), the Web-based configuration screen for the device opens. Configure the items that you want to set using the Web-based configuration screen.

When the network settings for the selected device have not been configured ( ), the **Device Properties** screen opens.
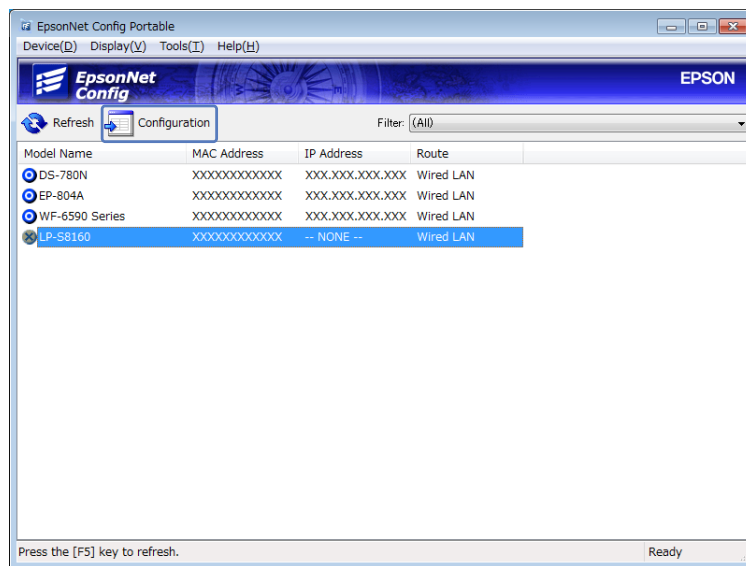
When the password entry screen is displayed, enter the password, and then click **OK**.
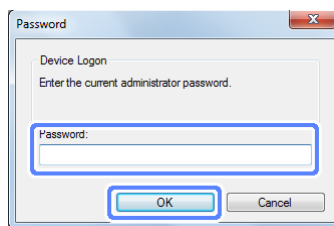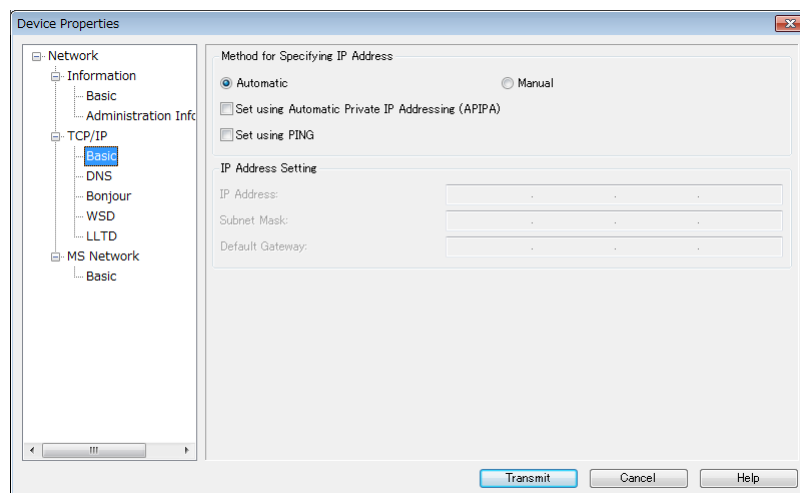

4 Make the necessary settings for the IP address.

The setting items for the IP address are displayed on the Network - TCP/IP - Basic screen.
See the following for the setting methods for each item.
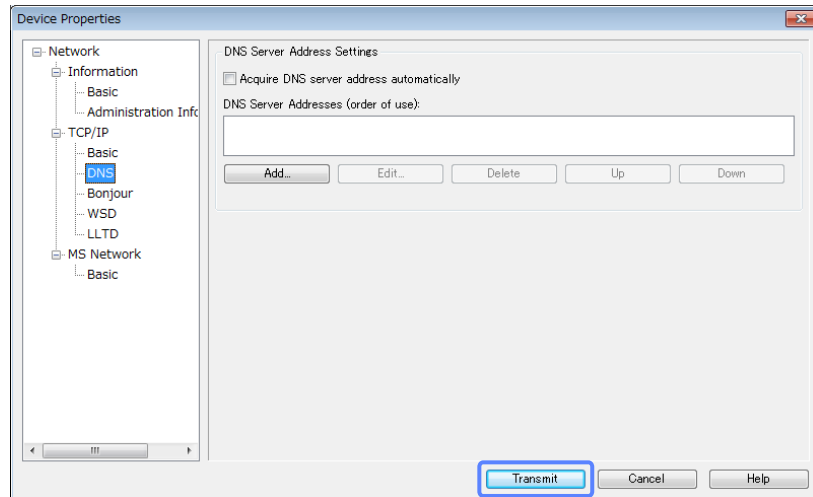U EpsonNet Config Online Help

5 Set other items as necessary.

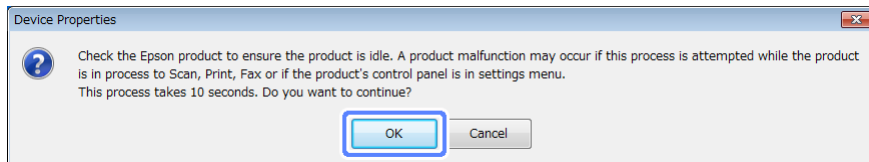Set the device to match the environment being used. Displayed items differ depending on the model being used.
See the following for the setting methods for each item.
U EpsonNet Config Online Help

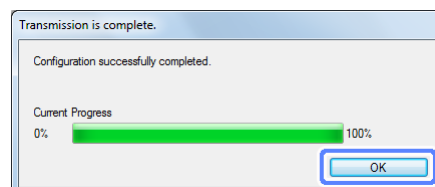**6** Click **Transmit** to set the necessary items.

7 Click **OK**.

Note:
The information is transmitted to the device, and then the message "Configuration successfully completed." is
displayed. Do not turn off the device, and do not send any data to the device.

8 Click **OK**.

9 It can take up to three minutes until the settings are enabled.
Do not turn off the device during this time.

Click **Refresh**, and then check that the icons for the settings in list view have changed from gray to blue.

❏ If the icons remain gray after three minutes has passed, check the status of the device.

❑   If the icon changes from gray to yellow, communication with the IP address could not be completed.
     Check that the IP address is enabled in the environment being used.

This completes this section.

Creating a SYLK file to Describe the Settings

You can create a SYLK file to describe information for performing batch settings. You can create a SYLK file using
one of the following methods.

## Creating a SYLK file by acquiring information from the connected device (Windows only)

1   Start EpsonNet Config, and then click **Tools** - **Batch Settings**.

The Batch Settings screen opens and a list of available devices is displayed. It may take a while before all
devices, such as devices on a network, are displayed. If the device is not displayed, check that the device is
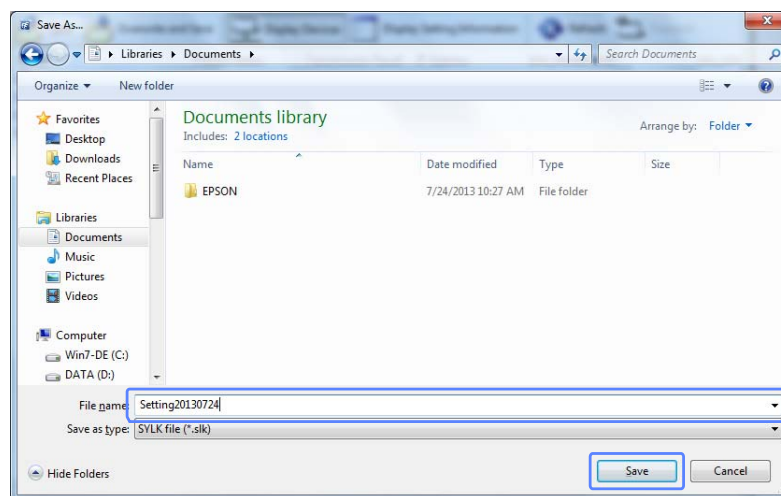turned on, or if the same segment as the computer has a device.
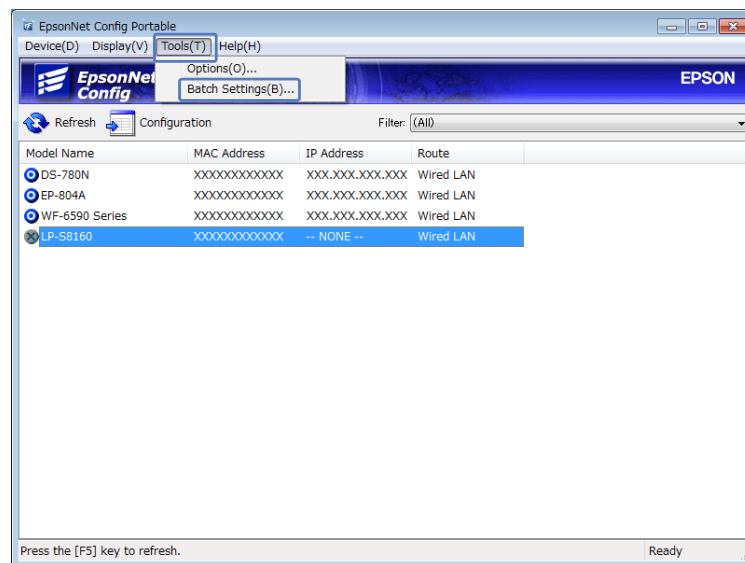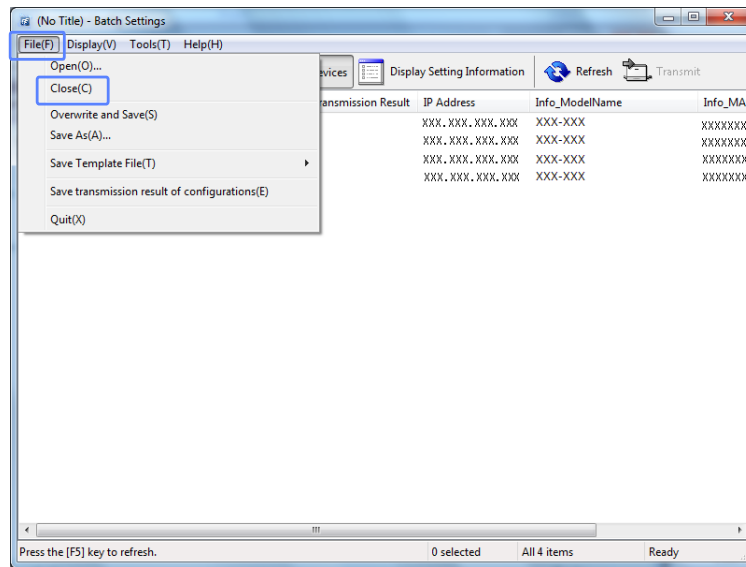
2 Click **File** - **Save as**.
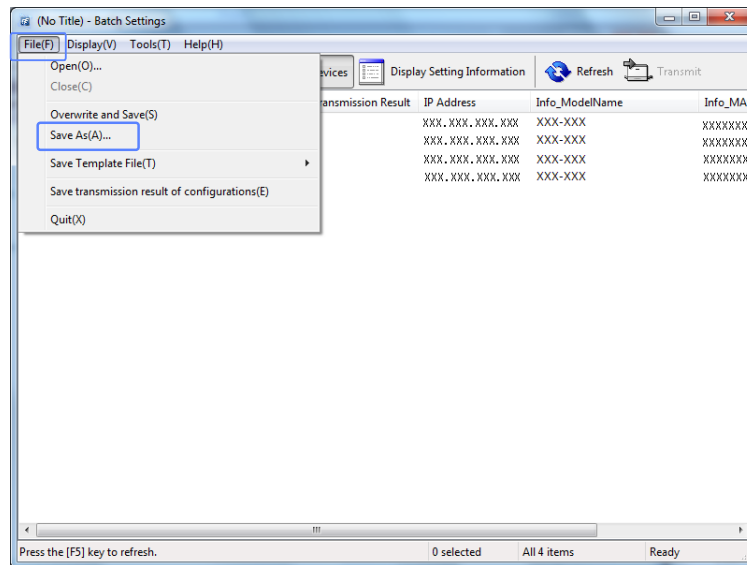
3 Enter the file name and select the target folder, and then click **Save**.

A backup file (*.slk) containing the current settings for all devices is created.

4 Click **File**-**Close**, and then close the Batch Settings screen.

5 Open the saved SYLK file in a spreadsheet application (such as Microsoft Excel) or in a text editor.

Setting information is entered in each row. Each row contains the settings for each individual device. Explanations for the setting items is provided on the following page.

6 You can change settings or add a new row and enter setting information for a new device, and then save the file.

Note:
*Security items, such as passwords, or read-only items are not output.*
When making a batch change to the Administrator Password, add an "AdminNewPassword" column to the SYLK file, and then enter the new password. Also, if you wan to automatically authorize the new password (without having to enter a password confirmation), add a column called "AdminCurrentPassword".
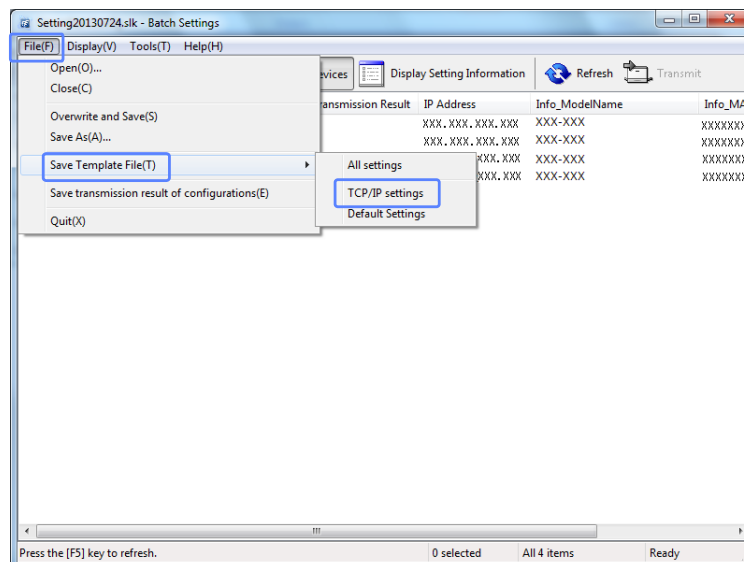
This completes this section.

Creating a SYLK file based on the template (Windows only)

This section explains how to create a SYLK file based on a TCP/IP template.

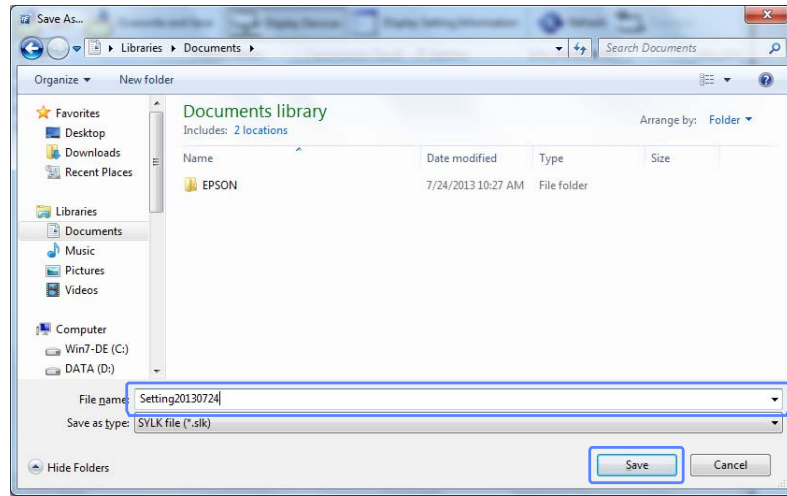**1** Start EpsonNet Config, and then click **Tools** - **Batch Settings**.
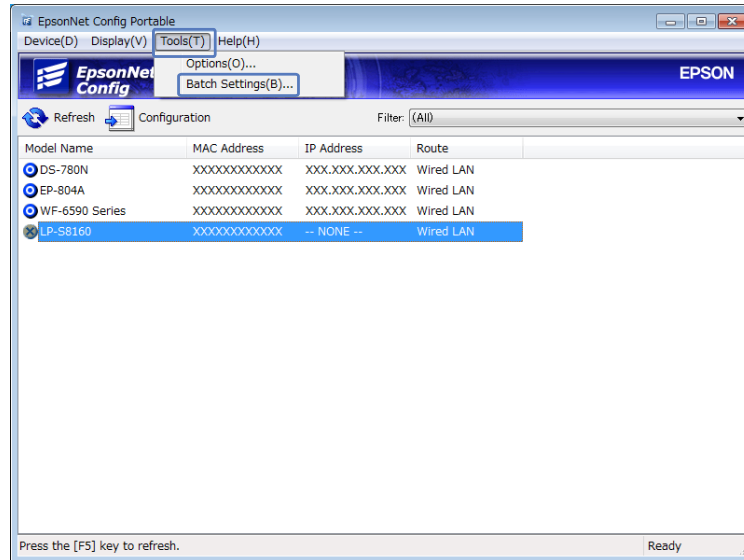
2 Click **File** - **Save Template File** - **TCP/IP settings**.

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3   Enter the file name and select the target folder, and then click **Save**.

A SYLK file (*.slk) containing the TCP/IP related items written is created.

4   Open the saved SYLK file in a spreadsheet application (such as Microsoft Excel) or in a text editor.
Enter the MAC address and values such as IP address, subnet mask, and default gateway for each row.

	1	2	3	4	5	6	7	8
1	Info_MACAddress	AdminCurrentPassword	TCPIP_IPAddressAuto	TCPIP_IPAddress	TCPIP_SubnetMask	TCPIP_Gateway	TCPIP_IPType_APIPA	TCPIP_IPT·T
2	0000XXXX0001		5	192.168.0.20	255.255.255.0	192.168.0.1	0	0
3	0000XXXX0002		1	#NULL#	#NULL#	#NULL#	1	#NULL# #
4								
5								

> *Note:*
> *If you do not want to set a value, enter "#NULL#".*

5   Save the file.

This completes this section.

Creating a new SYLK file

Using the MAC address and model name as the keys, you can create a new SYLK file to set the IP address.

1   Open a spreadsheet application (such as Microsoft Excel) or a text editor.

2   Enter "Info_MACAddress", "Info_ModelName", and "TCPIP_IPAddress" in the first row as the setting item names.

Enter setting items for the following text strings. To distinguish between upper case/lower case and double-byte/single-byte characters, if only one character is different, the item will not be recognized.
Enter the setting item name as described below; otherwise, EpsonNet Config cannot recognize the setting items.

Info_MACAddress	Info_ModelName	TCPIP_IPAddress

3 Enter the MAC address, model name, and IP address for each device.

| Info_MACAddress	Info_ModelName	TCPIP_IPAddress
0000XXXX0001	ALC-XXXXX	192.168.100.102
0000XXXX0002	ALC-XXXXX	192.168.100.103
0000XXXX0003	ALC-XXXXX	192.168.100.104

4 Enter a name and save as a SYLK file (*.slk).

This completes this section.

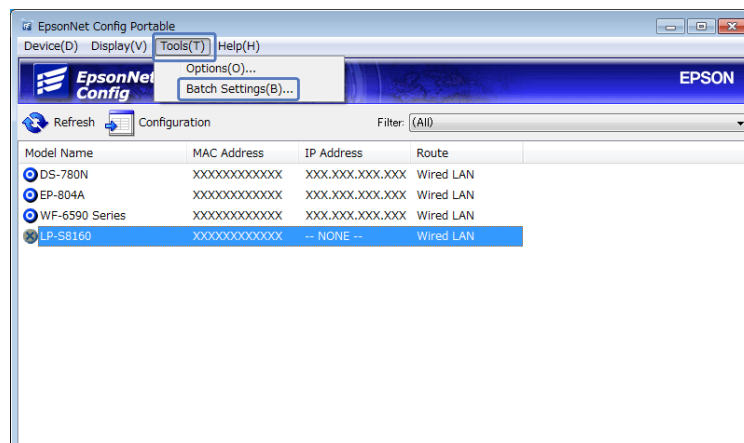# Making Batch Settings for Devices (Windows Only)

This section explains how to make batch settings for multiple devices using EpsonNet Config.
See the following for explanations of each item on the Batch Settings screen.
U EpsonNet Config Online Help
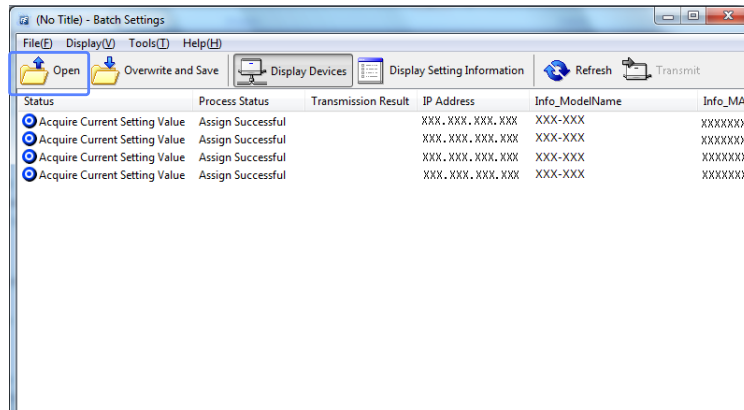
Assigning information automatically

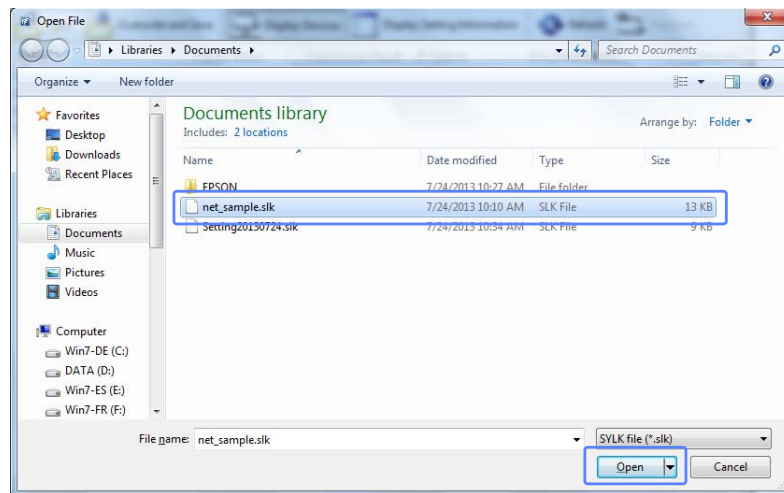**1** Start EpsonNet Config, and then click **Batch Settings**.
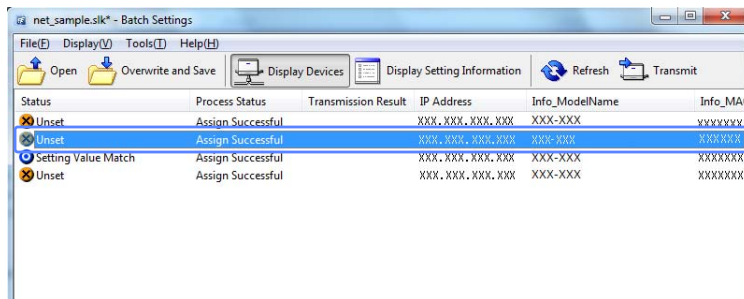
2 Click **Open**.

3 Select the SYLK file (*.slk) containing the settings, and then click **Open**.

4 Select the devices for which you want to perform batch settings with the Status column set to **Unset**, and the Process Status set to **Assign Successful**.

When making multiple selections, press **Ctrl** or **Shift** and click or drag your mouse,

Information transmission status

Icon	Status	Process Status	Explanation

| Icon	Status	Process Status	Explanation
⊗	Unset	Assign Successful	The information file has been read successfully, and the information has been assigned. Assigned information can be transmitted to each device.
⊗	Unset	Setup Failed	Cannot perform setup. Check the status of the connected device. Also, check the description in the settings file. Information can be sent.
◉	Setup Complete	Setup Successful	Information transmitted successfully and reboot performed.
◉	Setting Value Match	Assign Successful	Setting values are the same as the read-in settings file. Although information can be transmitted, setup has already been performed and so the information does not need to be transmitted.
◉	Acquire Current Setting Value	Assign Successful	Current settings have been acquired from each device. Although information can be transmitted, the settings are the same as the current device and so the information does not need to be transmitted.

Information cannot be transmitted

| Icon	Status	Process Status	Explanation
⊗	Unassigned		Information cannot be assigned to each device using the read settings file.
⊗	Unassigned	Assign Failed	Assignment failed. [*1]
⊖	Unset	Searching	Searching for the device indicated in the settings file. [*2]
⊖	Setup Complete	Searching	Searching for the device indicated in the settings file. [*2]
⊖	Setup Complete	Rebooting	Rebooting after successful transmission of settings.
⊗	Unset	Search Failed	Cannot find the device. Check that all devices are turned on. [*2]
⚠	Cannot Set	Invalid Check Results	There is an error in the setting file descriptions. Follow the steps below to check the descriptions. 1. Double-click the device that contains the error to open the Display Details screen, and then check items in Check Results that are marked as NG. 2. Double-click the NG item and correct the setting directly, or correct the setting file contents, and then start again from step 2.
◉	Setup Complete	Search Failed	A timeout occurred while searching for the Setup Complete status. [*2]
◉	Setup Complete	Reboot Failed	Cannot confirm the device after transmitting settings. Check that the device is turned on, or if it has rebooted normally.

*1 Only when the device is displayed.
*2 Only when setting information is displayed.
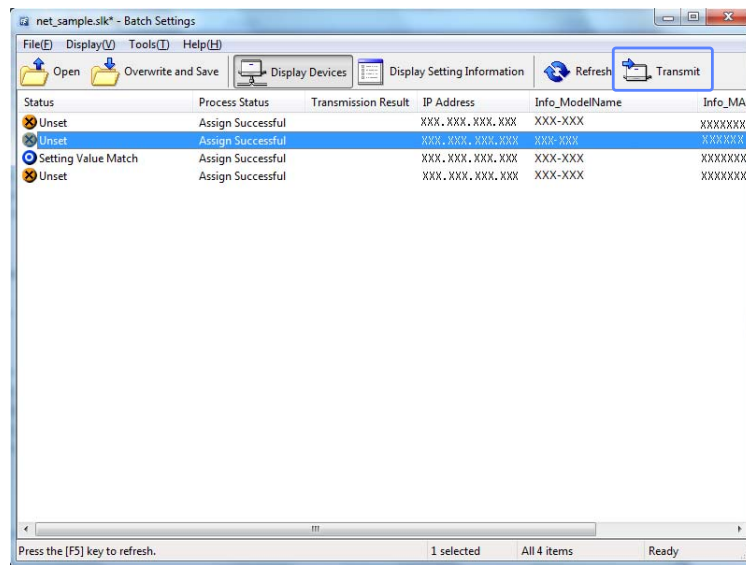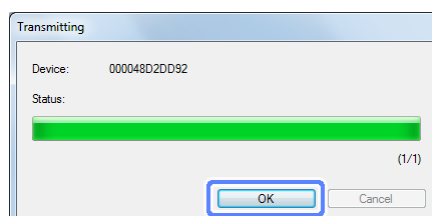
5 Click **Transmit**.

6 When the password entry screen is displayed, enter the password, and then click **OK**.

Transmit the settings.
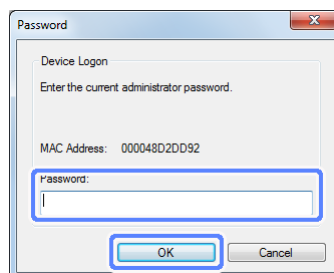
> *Note:*
> *The information is transmitted to the device until the progress meter is finished. Do not turn off the device, and do not send any data to the device.*
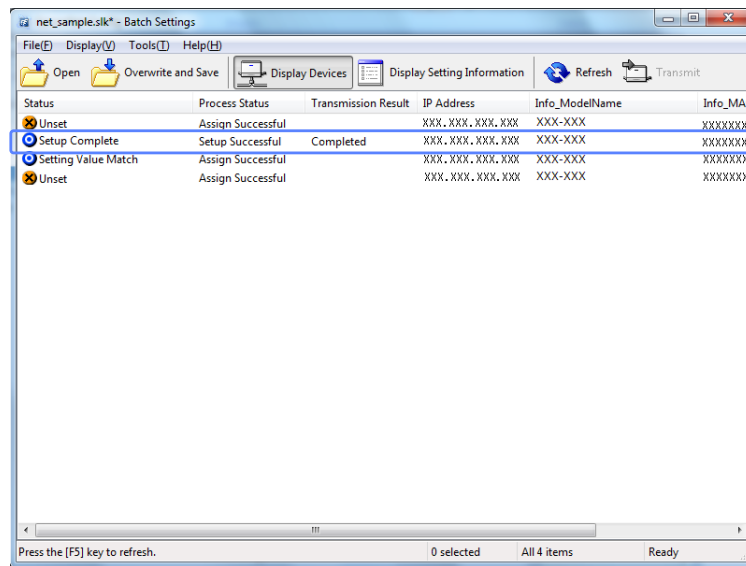
7 Click **OK**.

8 Check the status of the device you set.

For devices that show ⊗ or ⊖ , check the contents of the settings file, or that the device has rebooted normally.

Icon	Status	Process Status	Explanation
◉	Setup Complete	Setup Successful	Setup completed normally.
⊖	Setup Complete	Rebooting	When information has been transmitted, each device needs to reboot to enable the settings. A check is performed to determine whether or not the device can be connected to after rebooting.
◉	Setup Complete	Reboot Failed	Cannot confirm the device after transmitting settings. Check that the device is turned on, or if it has rebooted normally.
⊖	Setup Complete	Searching	Searching for the device indicated in the settings file. [*]
◉	Setup Complete	Search Failed	Cannot check devices that have already been setup. Check that the device is turned on, or if it has rebooted normally. [*]

* Only when setting information is displayed.

This completes this section.

Assigning information from settings one at a time (Manually assigned)

Create a file describing the IP address, subnet mask, and the default gateway, and select one device at a time to make settings.

Create a file outlining the settings

1 Open a spreadsheet application (such as Microsoft Excel) or a text editor.

2 Enter "TCPIP_IPAddressAuto", "TCPIP_IPAddress", "TCPIP_SubnetMask", and "TCPIP_Gateway" in the first row as the setting item names.

Enter setting items for the following text strings. To distinguish between upper case/lower case and double-byte/single-byte characters, if only one character is different, the item will not be recognized. Enter the setting item name as described below; otherwise, EpsonNet Config cannot recognize the setting items.

TCPIP_IPAddressAuto	TCPIP_IPAddress	TCPIP_SubnetMask	TCPIP_Gateway

> *Note:*
> *Create a file without MAC address information. Because the MAC address is automatically set as the key for use by default, information is assigned automatically when a MAC address is found, and manual assignment cannot be performed. You can change the automatically assigned keys for use in Tools - Options - Auto Assign - Auto Assign Key Settings on the Batch Settings screen.*

3 Enter the values in each row.

"TCPIP_IPAddressAuto" specifies the setting method for assigning the IP address. If the setting value is "5", the static IP address is manually assigned.

| TCPIP_IPAddressAuto	TCPIP_IPAddress	TCPIP_SubnetMask	TCPIP_Gateway
5	192.168.100.102	255.255.255.0	192.168.100.101
5	192.168.100.103	255.255.255.0	192.168.100.101
5	192.168.100.104	255.255.255.0	192.168.100.101

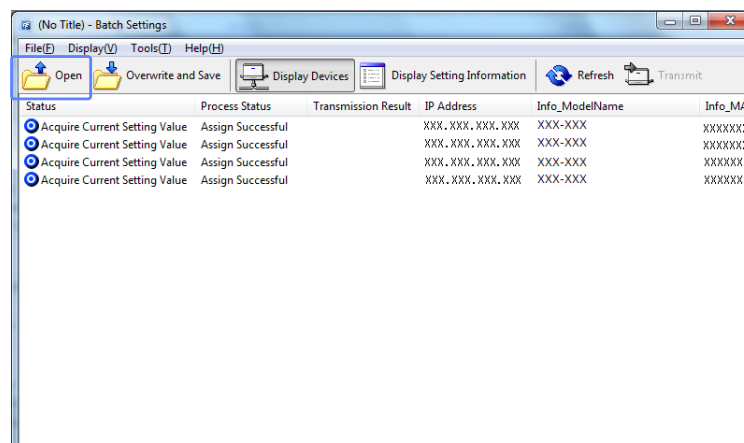**4** Enter a name and save as a SYLK file (*.slk).

This completes this section.

Reading the configuration file and making settings one at a time
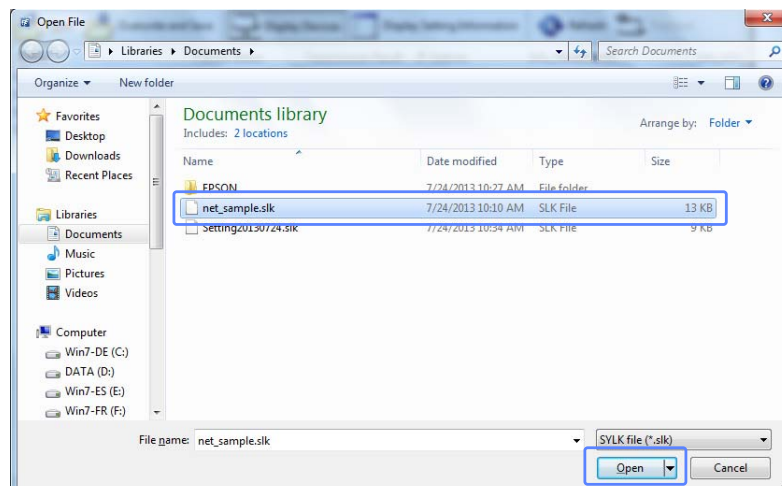
1 Start EpsonNet Config, and then click **Tools** - **Batch Settings**.
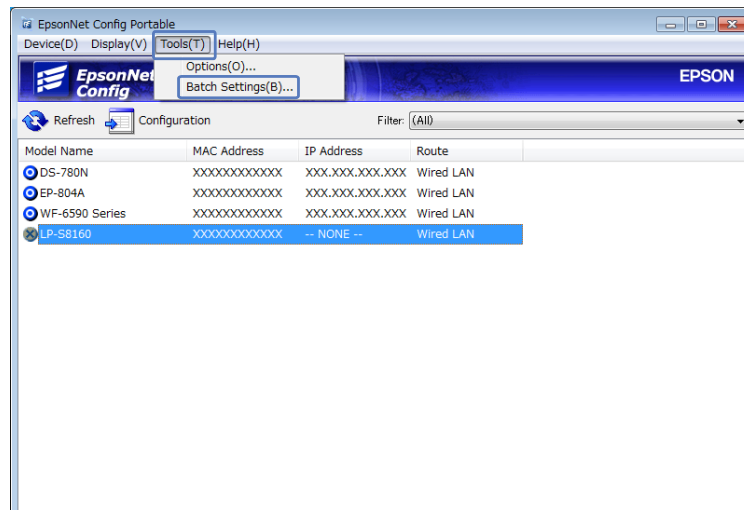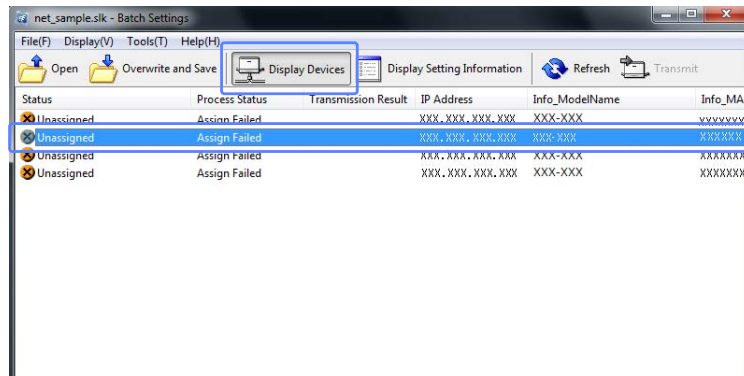

2 Click **Open**.

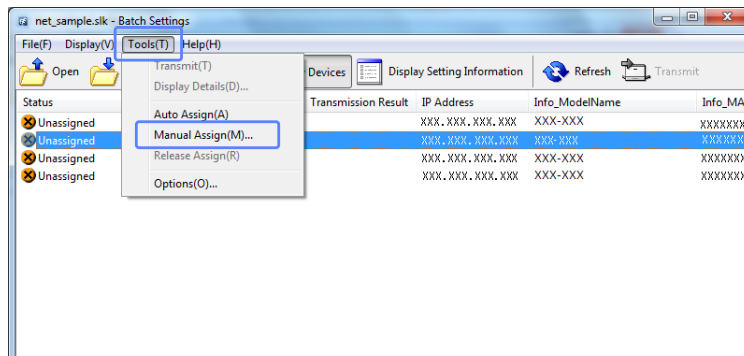**3** Select the SYLK file (*.slk) containing the settings, and then click **Open**.

4 Click **Display Devices**, and then select the device you want to set.

When making multiple selections, press **Ctrl** or **Shift** and click or drag your mouse,

5 Click **Tools** - **Manual Assign**.

Note:
*If you search for a device when the file is open or after opening the file, auto assignment is performed. If the target setting information has already been assigned to other devices, setting information is not displayed on the Manually assign setting information screen. Release the assignments from Tools - Release Assign.*

6 Select the setting information line you want to assign, and then click **OK**.
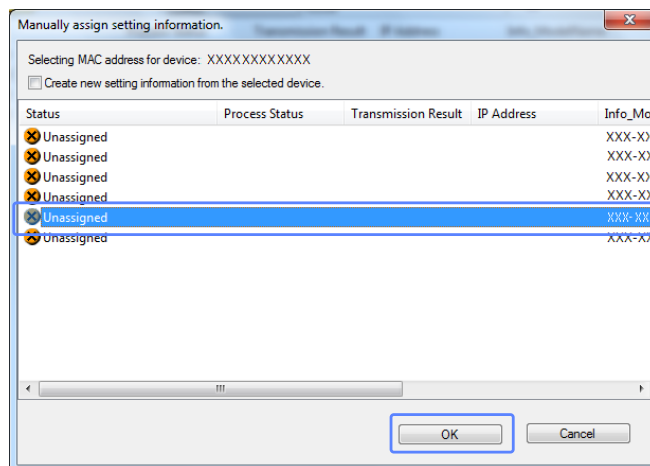
7 Check that Unset is displayed in the Status column and Assign Successful is displayed in Process Status column.
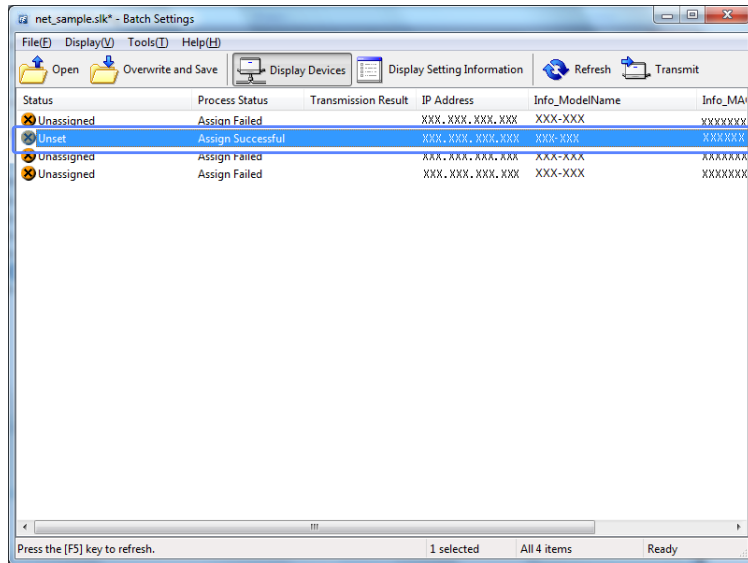
8 Click **Transmit**, and then click **OK**.

This completes this section.

Setting Items for the SYLK File

This section explains the main settings that can be set in the SYLK file.

Item	Explanation
Info_MACAddress	The MAC address for the device. A string of 12 characters.
	In the batch settings function, this determines whether the device on the network matches the information described in the SYLK file using the MAC address.
TCPIP_IPAddressAuto	Specifies whether the IP address is set manually or automatically.
	For manual this is set to **5**, and for automatic this is set to **1**.
TCPIP_IPAddress	Specifies the IP address.
TCPIP_SubnetMask	Specifies the subnet mask.
TCPIP_Gateway	Specifies the gateway address.
EnableMSNet	Sets up Microsoft network shared printing.
	This is set to **0** if shared printing is not being used, and set to **1** if it is being used.
EnableAppleTalk	Sets up AppleTalk.
	This is set to **0** if AppleTalk is not being used, and set to **1** if it is being used.

Note:
#NULL# is entered for setting items that are not supported.