Steps to update firmware by Starter Pack DVD

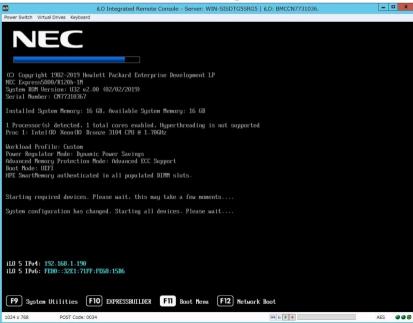
This document includes notice for using starter Pack DVD to update Firmware. Please see the following steps to update firmware directly by Starter Pack DVD without Windows and Linux OS environment.

(1) Disable the secure booting.

Run System Utilities, and then proceed to Secure Boot Settings in System Configuration > BIOS/Platform Configuration (RBSU) > Server Security.

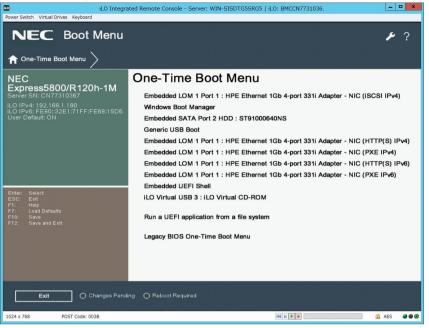
- (2) When Windows(R) BitLocker(TM) function is set to "Enabled", install the System ROM after making the function "Disabled". Then make the function "Enabled" after install and reboot of the system. If you install the system ROM without making the function "Disabled", you may need the recovery password when you boot the system.
- (3) Power off and power on the server or restart the server by pressing <Ctrl>+<Alt>+<Delete> keys.

The POST will start as the following screen.



(4) Press <F11> key during the POST.

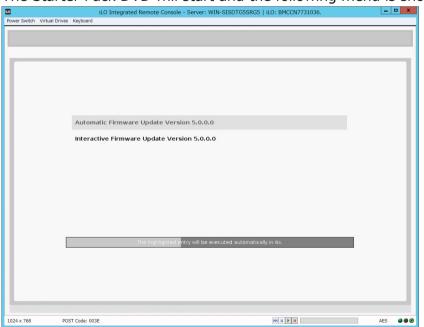
The following Boot Menu is shown.



The list of Boot Menu will be changed depending on the system environment.

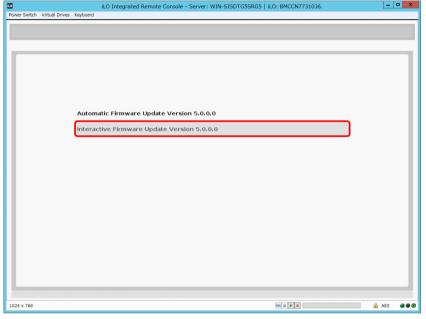
(5) Choose the DVD drive set in step (2) on the One-Time Boot Menu.

The Starter Pack DVD will start and the following menu is shown.



(6) Choose **Interactive Firmware Update** by pressing <down> key and press <Enter> key.

- If no key is pressed within 10 seconds, be careful another update process will start automatically.
- Customers using Express5800/R110j-1 be sure to select "Interactive Firmware Update" if System ROM v 2.00 (05/15/2019) is applied.



Wait for a while until the following screen appears.

iLO		iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5 iLO: BMCCN77310	36. – – ×
Power Switch	Virtual Drives Keyboard		
NE			
Sta	ndard Progran	n Package 5.0.0.0	
:	Select the preferre	∋d language	
	English	Japanese	
	Accept the End Us	ser License Agreement (EULA)	
	Read	Accept	
			×
			· ·
F	eboot		Next
1024 x 768		W n 🕨 •	AES 🔵 🔿 🕲

(7) Click Read under Accept the End User License Agreement (EULA).

Dialog box will appear.

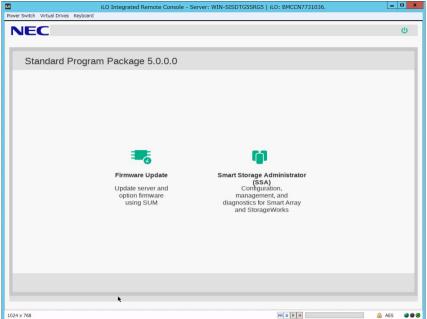
(8) Read the EULA, and then click **Accept**.

LO	iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5 iLO: BMCCN7731036.	_ 🗆 X
Power Switch Virtual D	rives Keyboard	
NEC		
Standau	Standard Program Package	×
Standau Selec @ E Acces	NEC Software License Agreement 1. License	Next
1024 x 768	ivi n 🕨 🖉	🔒 AES 🛛 🔿 🕄

(9) Click **Next** on the lower right of the screen.

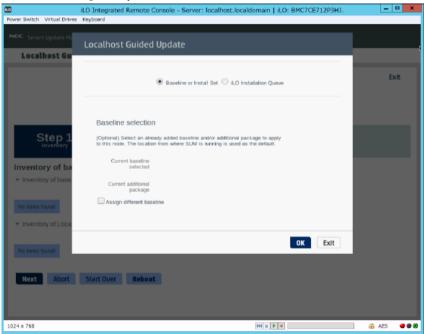
	5	
LO	iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5 iLO: BMCCN7731036.	_ 🗆 X
Power Switch Virtual Drives Keyl	yboard	
NEC		
NEC		
	D 5000	
Standard Pro	ogram Package 5.0.0.0	
Select the pro	referred language	
🗹 English	Japanese	
Accept the F	End User License Agreement (EULA)	
Read	Accept	
	Ne	xt
1024 x 768	10 H H H	🔒 AES 🛛 🔿 🗑 🏵

(10) Click Firmware Update.

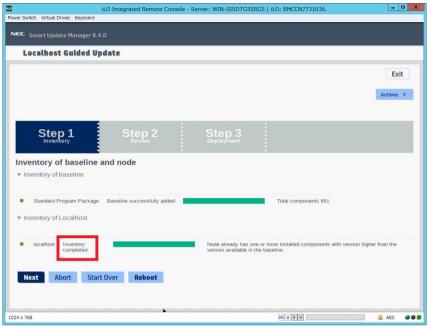


If the installation stops with an error, see troubleshooting.

If the Localhost Guided Update Options window appears, check that "Baseline or Install Set" is selected, and click **OK**. (Do not select iLO Installation Queue).



The Localhost Guided Update screen will appear and the inventory process will begin. Wait for a while until "Inventory completed" message appears on the screen like the below.



(11) Click **Next**. "Step 2 Review" will appear.

0	iLO Integrated Remote Console - Se	rver: WIN-SIS	DTG5SRG	5 iLO: BMCCN7	731036.		_ 🗆 X
Power Switch Virtual Drives Keyboard	ł						
NEC Smart Update Manager 1	8.4.0						
Localhost Guided	Update						
							Turk
							Exit
							Actions V
						8	Actions
				:			
Step 1	Step 2	Step Deployme					
	Review						
Denleyment eymens							
Deployment summa							
▼ localhost - applicable o	components						I
Applicable Components: 7							
Suggested Components: 0							
Selected Components: 0							
• • • • • • • • • • • • • • • • • • •							
Select all	Deselect all						
Search	Q						
Select		Dendu te -			Installed	Available	Reboot
Components Package		Ready to w proceed	Туре	Criticality	Version	Version	Required
	for Linux - Innovation Engine Firmware for	\$	Firmware	Optional	View	0.2.0.11	Required
servers using /5100/5200/6.	Intel Xeon Scalable 3100/3200/4100/4200 100/6200/8100/8200 series Processors				Details		
(firmware-ie-0	0.2.0.11-2.1.x86_64)						
	Elseh Comnones for Linux - il O 5	0	Firmwara	Recommended	1 /12	1 40	No
.024 x 768				KN 11 🕨 🔍			🔒 AES 🛛 🔿 🕲

A list of firmware will appear.

The firmware displayed depends on the server hardware configuration.

Force	Online ROM Flash Component for Linux - iLO 5 (firmware-Ilo5-1.40-1.1.x86 64)	<u> </u>	Firmware	Recommended	1.43	1.40	No
Force	Language Pack - Japanese (firmware-lpk-ilo- 1.30-1.1.x86 64)	\$	Firmware	Recommended	1.43	1.30	No
Force	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64 (firmware-nic-broadcom- 2.23.10-1.1.x86.64	\$	Firmware	Optional	View Details	2.23.10	Required
Force	Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors (firmware-powerpic-L0.4-11.x86.64)	\$	Firmware	Optional	View Details	1.0.4	No
Force	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/32004100/42005/100/5200/8100/8200 series Processors (firmware- sp-604.014.251-21.Xe6_64)	\$	Firmware	Optional	View Details	04.01.04.251	Required
Force	Online ROM Flash Component for Linux - System ROM U32 (firmware-system- oem-u32-2.00_2019_02_02-1.1.x86_64)	\$	Firmware	Optional	U32 2.00 - (02/02 /2019)	U32 2.00 - (02/02/2019)	Required
/arnings	/Alerts						

The blue bar means that the firmware will be installed at step (12).

(12) Search for "Online ROM Flash Component for Linux - iLO5" and "Language Pack - Japanese", and make sure status of the selected component.

If iLO5 is not selected, click "Select" or "Force" to change it to "Selected" or "Forced".



Do not change the selective state of other firmware by this step.

* When downgrading the firmware, set to "Selected" or "Forced" manually.

(13) Scroll the window if necessary, and then click **Deploy** on the lower left of the screen. "Step 3 Deployment" will start.

Wait for a while until "Deployment completed" message appears on the screen like the below.

	iLO Integrated Remote Co	nsole - Server: WIN-SISDTG5SRG5	iLO: BMCCN7731036.	_ 🗆 X
Power Switch Virtual Drives Keyboard				
NEC Smart Update Manager 8.4	4.0			
Localhost Guided U	pdate			
				Actions V
Step 1	Step 2	Step 3 Deployment		
Deployment				
Iocalhost Deployment cor	mpleted	Deployment done.		
Search	Q			
▲ Component	Pac	kage	Deployment status	Log
firmware-ilo5-1.40-1.1.x86_6	34 Onli iLO	ne ROM Flash Component for Linux - 5	Success.	View log
firmware-lpk-ilo-1.30-1.1.x86	5_64 Lanı	guage Pack - Japanese	Success.	View log
firmware-system- oem-u32-2.00_2019_02_02-	0nli 1.1.x86_64 Sys	ne ROM Flash Component for Linux - tem ROM U32	Success, reboot required to activate new version.	View log
Start Over Abort	Reboot			
1024 x 768			M II 🕨 🔹	🙆 AES 🔍 🔿 🏵

(14) To confirm the success of updating, check that the status icons are green like the below.

er Switch Virtual Drives Keyboard	Remote Console - Server: WIN-SISDTG5SRG5	iLO: BMCCN7731036.	_ 0
EC Smart Update Manager 8.4.0			
Localhost Guided Update			
			Actions V
Step 1 Step Inventory Revi	ew 2 Step 3 Deployment		
Deployment			
localhost Deployment completed	Deployment done.		
	Deployment done.		
	Deployment done. Package	Deployment status	Log
Search		Deployment status Success.	Log View log
Search D Component	Package Online ROM Flash Component for Linux -		
Search Component firmware-ito5-1.40-1.1.x86_64	Package Online ROM Flash Component for Linux - ILO 5	Success.	View log
Search Component firmware-ilo5-1.40-1.1.x86_64 firmware-ipk-ilo-1.30-11.x86_64 firmware-system-	Package Online ROM Flash Component for Linux - ILO 5 Language Pack - Japanese Online ROM Flash Component for Linux -	Success. Success. Success, reboot required to activate	View log View log

(15) Eject the Starter Pack DVD from the drive, and the click **Reboot** on the lower left of the screen.

il0	iLO Integrated Rem	ote Console - Serve	r: WIN-SISDT	G5SRG5 iL	0: BMCCN7731036.	= 🗆 🗙
Power Switch Virtual Drives Keyboard						
NEC Smart Update Manager 8.4	4.0	Reboot				
Localhost Guided Up	pdate			the nedel		
		Are you sure you	want to reboot	the hode?		
		Yes, F	Reboot	Cancel		Actions V
Step 1		2	Step 3			
Deployment						
Iocalhost Deployment cor	mpleted	_	Deployme	nt done.		
Search	Q					
Component						Log
tirmware-llo5-1.40-1.1.x86_6	54	Online ROM Flash ILO 5	Component for I	Linux -	Success.	View log
firmware-lpk-ilo-1.30-1.1.x86	6_64	Language Pack - Ji	apanese		Success.	View log
firmware-system- oem-u32-2.00_2019_02_02-	1.1_×86_64	Online ROM Flash System ROM U32	Component for I		Success, reboot required to activate new version.	View log
Start Over Abort	Reboot					
1024 x 768	·				iii II 🕨 🔍	🙆 AES 🔍 🔿 🌚

- (16) If the system ROM has been updated to the latest version after restarting and completing the POST (Power on Self Test), steps (17) to (21) are not necessary. Please proceed to step (22). To confirm the latest version, please refer to the release notes for the target system under "System ROM related" in the "Release Notes" section on the web page that publishes the Starter Pack. To confirm the current system ROM version, please follow these steps: (i) Log in to the iLO Web interface.
 - (ii) Confirm the "System ROM" item on the screen "Information > Overview > Server".

In another way

- (i) During POST, press <F9>key to start System Utilities.
- (ii) Confirm the "System ROM" item.System Information > Summary > System ROM

(17) If the system ROM has not been updated to the latest version after reboot, please proceed to step (3) to (11) again and proceed to the "Step 2 Review" screen.

ower Switch Virtual Drives Keyboard	iLO Integrated Remote Console - Se	rver: WIN-SIS	SDTG5SRG	5 ilo: BMCCN7	731036.		_ 🗆 X
NEC Smart Update Manager #	240						
Localhost Guided	Update						
							Exit
						1	Antines M
						23	Actions V
Step 1	Step 2						
	Review						
Deployment summa	rv						
▼ localhost - applicable c							
Applicable Components: 7							- 1
Suggested Components: 0							
Selected Components: 0							
Select all	Deselect all						
Search	Q						
Select Components Package		Ready to w proceed	Туре	Criticality	Installed Version	Available Version	Reboot Required
servers using /5100/5200/6	for Linux - Innovation Engine Firmware for Intel Xeon Scalable 3100/3200/4100/4200 100/6200/8100/8200 series Processors .2.0.11-2.1.x86_64)	\$	Firmware	Optional	View Details	0.2.0.11	Required
	Elseh Comnones for Linux - il O 5	0	Firmwara	Recommended	1 /12	1.40	No
.024 x 768				KN 11 🕨 😐			🗟 AES 🛛 🔿 🔿 🏵

(18) Search for "Online ROM Flash Component for Linux - System ROM Uxx", and make sure status of the selected component.

If System ROM is not selected, click "Select" or "Force" to change it to "S elected" or "Forced".



Do not change the selective state of other firmware by this step.

* When downgrading the firmware, set to "Selected" or "Forced" manually.

(19) Scroll the window if necessary, and then click **Deploy** on the lower left of the screen. "Step 3 Deployment" will start.

Wait for a while until "Deployment completed" message appears on the screen like the below.

ILO .	iLO Integrated Remote (Console - Server: WIN-SISDTG5SRG5	iLO: BMCCN7731036.	_ 🗆 🗙
Power Switch Virtual Drives Keyboard				
NEC Smart Update Manager 8.4				
Localhost Guided Up	odate			
				Actions V
Step 1	Step 2	Step 3 Deployment		
Deployment				
localhost Deployment con	npleted	Deployment done.		
Search	Q			
▲ Component	Pa	ackage	Deployment status	Log
firmware-llo5-1.40-1.1.x86_6	4 OI	nline ROM Flash Component for Linux - D 5	Success.	View log
firmware-lpk-ilo-1.30-1.1.x86	_64 La	nguage Pack - Japanese	Success.	View log
firmware-system- oem-u32-2.00_2019_02_02-1	1.1.x86_64 Or	nline ROM Flash Component for Linux - stem ROM U32	Success, reboot required to activate new version.	View log
Start Over Abort	Reboot			
1024 x 768				🙆 AES 🛛 🔿 🔿 🎯

(20) To confirm the success of updating, check that the status icons are green like

iLO Integrated I wer Switch Virtual Drives Keyboard	Remote Console - Server: WIN-SISDTG55RG5	iLO: BMCCN7731036.	_ 0
JEC Smart Update Manager 8.4.0			
Localhost Guided Update			
			Actions V
Step 1 Step	D 2 Step 3		
Deployment			
localhost Deployment completed	Deployment done.		
Iocalhost Deployment completed Search Component	Deployment done.	Deployment status	Log
Search		Deployment status Success.	Log View log
Search D	Package Online ROM Flash Component for Linux -		
Search Component firmware-iio5-1.40-1.1.x86_64	Package Online ROM Flash Component for Linux - ILO 5	Success.	View log
Search Component firmware-IIo5-1.40-1.1.x86_64 firmware-IIo5-1.40-1.1.x86_64 firmware-ipk-IIo-1.30-1.1.x86_64 firmware-system-	Package Online ROM Flash Component for Linux - ILO 5 Language Pack - Japanese Online ROM Flash Component for Linux -	Success. Success. Success, reboot required to activate	View log View log

(21) Eject the Starter Pack DVD from the drive, and the click **Reboot** on the lower left of the screen.

	mote Console - Server: WIN-525DTG55RG5	80: BMCCN7731036.	- 0 -
Power Switch Virtuel Drives Keytsant			
NEC: Unit Up the Human 2.4.0	Reboot		
Localhost Guided Update	Are you sure you want to reboot the numer	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	
	Yes, Reboot Cancel		Terrare and
	Tes, Reddor Califer		
THE OWNER WATCHINGTON OF			
Stop 1 Stop	2 Step 3		
Deployment			
· trainet Descenariostations E	Descent and		
Tester D			
a course			in .
· Chronie and Little Liver, in	AD 8	(heir)	View log
 Amountain doi 100 (1100,01 	Largence Park - Income	Balless .	View log
*	Division of Dal Party Companyon the Origin	"National Annual Souther In Advance"	View log
Start Dver			
3024 x 768	÷	MARE	Als. 008

(22) Enable the secure booting if necessary.

(23) Enable the BitLocker(TM) if necessary.

The procedure is complete after the system restarts.

When Internal Slim DVD-ROM drive [N8151-137] or Internal DVD-Super Multi Drive [N8151-138] is used, the Starter Pack DVD can not be ejected after the system restarts. For details, see Troubleshooting [1. Starter Pack DVD cannot eject from the DVD drive].

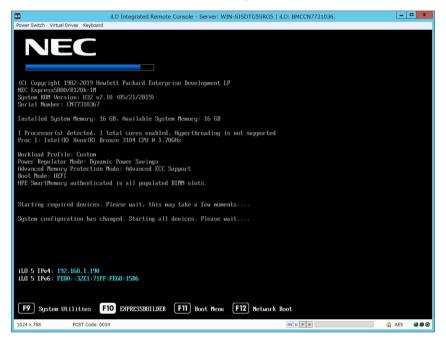
Troubleshooting

1. Starter Pack DVD cannot eject from the DVD drive

If the DVD eject button does not work after restarting the server, please see the following steps to eject the DVD.

(1) Power off/on the server or restart the server by pressing <Ctrl> + <Alt> + <Delete> keys.

The POST will start as the following screen.



(2) Press <F10> key during POST.

The following screen will appear.

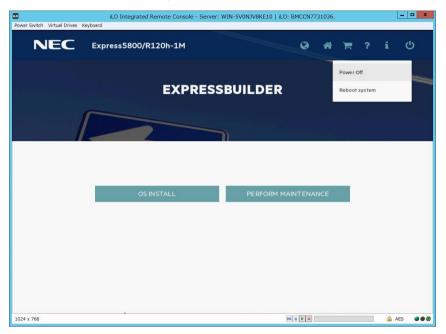
10	iLO Integrated Remote Console - Server: WIN-SISDTG5SRG5 iLC	: BMCCN7731036.	-	n x
Power Switch Virtual Driv	is Keyboard			
1024 x 768	OST Cude: 003E	184 U F Q	🔒 AES	•••

(3) Choose **Provisioning**. If no key is pressed within 10 seconds, the Provisioning will start automatically.

After a while, the following screen will appear.

iLO Integrated Remote Console - Server: WIN-5V0NJV8KE10 iLO: BMCCN7731036.										
Power Switch Virtual Drives Keyboard										
NEC Express5800/R120	h-1M		0 A	E 📕	?	i	ט			
EXPRESSBUILDER										
OS INST.	ALL	PERFORM MAIN	TENANCE							
1024 x 768		144 III	¥ •			🔒 AES				

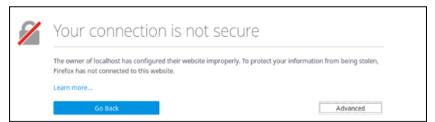
- (4) To eject the DVD, press the DVD eject button on the DVD drive.
- (5) To exit the EXPRESSBUILDER, click the power icon on the upper right and choose **Power off** or **Reboot system**.



The procedure is completed.

2. Installation stopped with "Your connection is not secure"

If the installation cannot proceed with the following error, follow the steps below.



- (1) Click the "Advanced" on the screen.
- (2) Click the "Add Exception..." on the screen.
- (3) On the pop-upped "Add Security Exception" screen, click the "Confirm Security Exception".

The procedure is completed.