Setup procedure of Firewall

\ll ESET Smart Security \gg

Contents

Common procedure	3
Connecting the projector to Windows XP using EMP NS Connection	6
Connecting the projector to Windows XP using Quick Wireless Connection	12
Common procedure	15
Connecting the projector to Windows Vista using EMP NS Connection	18
Connecting the projector to Windows Vista using Quick Wireless Connection	24

Rev,No.	Revision history	Norts
Rev.A	2008.xx.xx	New releases

Using This Manual:

This manual is for users who do not know much about how to add software for Epson projector to antivirus Software's firewall exceptions list. Please be kindly noted that there are other methods to add the software to firewall exception list other than the method described in this manual. Also, the description about change in firewall setting in this manual is just an example setting to use the software (EMP NS Connection and EPSON Quick Wireless Connection). This is not the security level Epson recommends and assures. We would appreciate it if users could set up security level in accordance with their environment.

Copyright Notice:

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SEIKO EPSON CORPORATION. No patent liability is assumed with respect to the use of the information contained herein. Neither is any liability assumed for damages resulting from the use of the information contained herein.

Neither SEIKO EPSON CORPORATION nor its affiliates shall be liable to the purchaser of this product or third parties for damages, losses, costs, or expenses incurred by purchaser or third parties as a result of: accident, misuse, or abuse of this product or unauthorized modifications, repairs, or alterations to this product, or (excluding the U.S.) failure to strictly comply with SEIKO EPSON CORPORATION's operating and maintenance instructions.

SEIKO EPSON CORPORATION shall not be liable against any damages or problems arising from the use of any options or any consumable products other than those designated as Original EPSON Products or EPSON Approved Products by SEIKO EPSON CORPORATION.

EPSON is a registered trademark of SEIKO EPSON CORPORATION.

EasyMP is a trademark of SEIKO EPSON CORPORATION.

IBM is a registered trademark of International Business Machines Corporation.

Microsoft, Windows, Windows logo, Windows NT, and Windows Vista are registered trademarks or trademarks of Microsoft Corporation in the United States of America.

ESET, logo of ESET, NOD32, ThreatSense, ThreatSense.Net are registered trademarks of ESET, spol. s r. o.

General Notice:

Other product names used herein are also for identification purposes only and may be trademarks of their respective owners.

EPSON disclaims any and all rights in those marks.

WindowsXP

Common procedure

1. Start ESET Smart Security.

From Windows XP start button, click Start > All Programs > ESET > ESET Smart Security > ESET Smart Security

/e lep					1		 . 5	1
	🎯 Set Program Access and Defau	lts 📕				in the second	100	
Internet	📫 Windows Catalog		1					1
 Internet Explorer 	🌯 Windows Update							
E-mail Outlook Express	🕵 Microsoft Update	ľ		-			 -	
- Couldon Express	C Internet European	- 1		-	Contraction of the	AND THE R.	1000	
Paint	Outlack Exposes							2
			Trans 184					
HyperTerminal	Comos		Rest Property					
	Charles		And the second second					
Notepad	Demote Accistance							
Set Program Access	EPSON					The second		
Defaults	EPSON Projector							
Windows Media Playe	Windows Media Player	-	and the second second					
	Windows Messenger					No. of Concession, Name		
EMP Monitor V4.22	Windows Movie Maker		and strength	States and	and shirt over the second	I Los of the los	 All and a second second	
	etc		VICE AN					
All Programs	C ESET		ESET Smart S	Security	-			

2. Switch the main window to Advanced mode by clicking Setup > Toggle Advanced mode.

ESET Smart Security	
ESET Smart Security The next generation of NOD32 test	chnology
Protection status Q Computer scan	Setup Adjust your computer's security level.
Update	User name and Password setup (3)
🔹 Setup	Temporarily disable Antivirus and antispyware protection ③ Temporarily disable Personal firewall ④
Telp and support	A formed and a formation ss to all configuration options. Toggle Advanced mode
Display: Standard mode	

3. Confirmation window to change mode is displayed.

Click Yes to toggle to Advanced mode.



4. Set up Personal firewall by clicking Personal firewall in the Setup section on the center of the left side of the window.

ESET Smart Security		
ESET Smart Security The next generation of NOD32 tec	thnology	User interface → Setup → Tooks → Help →
Protection status	Setup Adjust your computer's security level.	
Update	Antivirus and antispyware protection Real-time file system protection	✓ Enabled
Setup	Email protection Web access protection	EnabledEnabled
Personal firewall Antispam module	Personal firewall Network traffic filtering	 Enabled
V Tools	Antispam module Antispam module	✓ Enabled
(Help and support	Set up User name and Password for update.	
2000	Configure proxy server Import and export settings	
▶ Display: Advanced mode	Enter entire advanced setup tree	

5. Switch from Automatic filtering mode to Interactive filtering mode by clicking Switch to Interactive filtering mode.



Connecting the projector to Windows XP using EMP NS Connection

1. Conduct the steps 1 - 5 that are common procedures for WindowsXP.

2. Set up advanced setting of Personal firewall by clicking Advanced Personal firewall setup at the bottom of the following window.

ESET Smart Security	
ESET Smart Security The next generation of NOD32 tect	hnology User interface + Setup + Tools + Help +
Protection status Q Computer scan	Personal firewall Configuration of computer protection against unauthorized network access.
Wpdate	Network traffic filtering () ✓ Enabled Block all network traffic: disconnect network ()
Setup Antivirus and antispyware Personal firewall Antispam module	Disable filtering: allow all traffic ③ Interactive filtering mode ④ ✓ Enabled Switch to automatic filtering mode
V Tools	Configure rules and zones Change the protection mode of your computer in the network ③
Help and support	Advanced Personal firewall setup
Display: Advanced mode	

3.Set up Zone and rule editor by selecting Rules and zones and then clicking Setup button in Zone and rule editor section.

ESET Smart Security	?×
Setup	(CSET)
HTTP On-demand computer sca Exclusions Options Application modification de Protocol filtering Connection view Antispam module Update Tools Log files Quarantine Scheduler Alerts and notifications ThreatSense.Net User interface Alerts and notifications Settings protection Miscellaneous Proxy server Proxy server	Rules and zones Trusted zone A Trusted zone is a group of computers to which this computer is visible. An example of a Trusted zone is a home or office network. D on ot display dialog with Trusted zone settings when changes in the network adapter settings are detected (e.g. change of IP address) Setup Zone and rule editor Rules define how the Personal firewall handles incoming and outgoing network connections. Setup Information displayed in the rule editor Information displayed about the application: Description Rules to display: User and predefined rules QK Cancel

4. Zone and rule setup window is displayed. Under the Rules tab, add a new rule by clicking New button.

ne and rate setup					
Rules Zones					
Rules define how the firewall will handle network computers and specific ports. For more informatio <u>Toggle detailed view of all rules</u>	communication. Rules n about rules, click <u>he</u>	can allow or deny co ere.	ommunication for	particular applications, re	emote
Application/Rule	Trusted zone in	Trusted zone	Internet in	Internet out	
■	Specific	Specific	Specific	Specific	
🗄 🛅 Services and Controller app	들 Specific	📃 Specific	📃 Specific	🚍 Specific	
🗉 🥅 LSA Shell (Export Version)	🚍 Specific	🚍 Specific	📃 Specific	🗮 Specific	
🗉 🏥 Windows NT Logon Application	🚍 Specific	🚍 Specific	📃 Specific	🗮 Specific	
🗄 💮 System	Specific	Specific	? Ask	\Xi Specific	
File description: Generic Host Process for Company: Microsoft Corporation File version: 5.1.2600.5512 (xpsp.06 Original name: svchost.exe	r Win32 Services 80413-2111)				
Copyright: © Microsoft Corporation Created on: Wednesday, August 04,	i. All rights reserved. 2004				
			ОК	Cancel A	pply

- 5. Create a rule for EMP NS Connection
- In the name box, enter an arbitrary rule name for the EMP NS connection.
- Set Direction to Both.
- Set Action to Allow.
- Keep the default in other setting items.
- Select Local tub.

New rule:
General Local Remote
General information about rule Name: EMP NS Connection Direction: Both Action: Allow
Protocol: TLP & UUP Select protocol
Additional action
General: Direction: Both Action: Allow Log: TCP & UDP
Remote side: For every Local side: For every
OK Cancel

- Click Browse button in Application section. Then select executable file of EMP NS Connection.

(Location where EMP NS Connection's exe file is stored : C:\Program Files\EPSON Projector\EMP NS Connection V2\EMP_NSC.exe)

*The above is default folder path when the EMP NS Connection was installed in PC.

- Keep the default in other setting items.

- Click OK button.

New rule:	? 🛛
General Local	Remote
-Local port:-	
	Add port
	Add port range
	Remove
Application: -	
	C:\Program Files\EPSON Projector\EMP NS Connection V2\EMP_NS(
311-1	Browse
General: Remote side:	Direction: Both Action: Allow Log: TCP & UDP
Local side:	Ports: For every
	Application: C:\Program Files\EPSON Projector\EMP NS Connection V2\EMI
<	>
	OK Cancel

6. Confirm that the EMP NS Connection rule has been added on the Rules tab.

Rules define how the firewall will handle network co computers and specific ports. For more information <u>foggle detailed view of all rules</u>	mmunication, Rules about rules, click <u>he</u>	can allow or deny ci <u>ere</u> ,	ommunication for	particular applications, remo
Application/Rule	Trusted zone in	Trusted zone	Internet in	Internet out
Generic Host Process for Win32 Se Services and Controller app LSA Shell (Export Yersion)	Specific Specific Specific Specific	Specific Specific Specific Specific Specific	Specific Specific Specific Specific	Specific Specific Specific Specific
Windows NI Logon Application	= Specific	= Specific	7 Ask	= Specific
Windows NI Logon Application System Grift NS Lonniection V2.50	Specific	E Specific	? Ask	Specific
Windows N Logon Application System System EMP N5 Connection	Specific	Specific	Allow	Specific

7. Create a rule for movie sending mode(VLC). (For EMP-1825, EB-1725/1735W/G5150/G5350).

- Click the New button on the Rule tab in the Zone and rule setup window like the step 4.

Then the following screen is displayed.

- In the name box, enter an arbitrary rule name.

- Set Direction to IN.

- Set Action to Allow.
- Keep the default in other setting items.
- Select Local tab.

New rule:	? 🗙
General Local	Remote
General infor Name: A Direction: I Action: A Protocol: T	nation about rule Allow communication for vlc.exe n Xllow CP & UDP Select protocol
Additional ac	tion Notify user
General: Remote side: Local side:	Direction: In Action: Allow Log: TCP & UDP For every Ports: For every Application: c:\program files\epson projector\emp ns connection v2\vlc086
<	
	OK Cancel

- Click Browse button in Application section. Then select executable file of VLC.

(Location where the VLC's exe file is stored : C:\Program Files\EPSON Projector\EMP NS Connection V2\vlc086\vlc.exe)

*The above is default folder path when the EMP NS Connection was installed in PC.

- Keep the default in other setting items.
- Click OK button.

New rule:	? 🛛
General Local	Remote
Local port:	
	Add port range
	Remove
Application: -	er/brogram files/enson projector/emp.ns.connection.v2/vlc086/vlc.eve
A .	Browse
General:	Direction: In Action: Allow Log: TCP & UDP
Remote side: Local side:	For every Ports: For every
	Application: c:\program files\epson projector\emp ns connection v2\vlc086
<	
	OK Cancel

8. Create a rule for movie sending mode(VLC). (For EMP-1705/1715/1815)

- Click the New button on the Rule tab in the Zone and rule setup window like the step 4.

Then the following screen is displayed.

- In the name box, enter an arbitrary rule name.

- Set Direction to IN.

- Set Action to Allow.
- Keep the default in other setting items.
- Select Local tab.

New rule:	? 🛛
General Loc	al Remote
General inf Name:	Allow communication for vlc.exe(2)
Direction	
Protocol:	Allow Select protocol
Additional a	Inction
General: Remote side Local side:	Direction: In Action: Allow Log: TCP & UDP Ports: For every Ports: For every Application: c:\program files\epson projector\emp ns connection v2\vlc08<
<	
	OK Cancel

- Click Browse button in Application section. Then select executable file of VLC.

(Location where the VLC's exe file is stored : C:\Program Files\EPSON Projector\EMP NS Connection V2\vlc084\vlc.exe)

*The above is default folder path when the EMP NS Connection was installed in PC.

- Keep the default in other setting items.
- Click OK button.

New rule:	? 🛛
General Local	Remote
Local port:	
	Add port
	Add port range
	Remove
Application: -	р
Δ	c:\program files\epson projector\emp ns connection v2\vlc084\vlc.exe
	Browse
General:	Direction: In Action: Allow Log: TCP & UDP
Remote side: Local side:	For every Ports: For every
	Application: c:\program files\epson projector\emp ns connection v2\vlc084
<	
	OK Cancel

9. Make sure that the movie sending mode(VLC) rule has been added in the Rules tab. (For EMP-1825, EB-1725/1735W/G5150/G5350)

one and rule setup				
Rules Zones				
Rules define how the firewall will handle network co computers and specific ports. For more information <u>Toggle detailed view of all rules</u>	mmunication. Rules about rules, click <u>he</u>	can allow or deny co ere.	ommunication for p	particular applications, remote
Application/Rule	Trusted zone in	Trusted zone	Internet in	Internet out
Generic Host Process for Win32 Se Generic Host Process for Win32 Se Services and Controller app State (Export Version) Windows NT Logon Application System System System System	Specific Specific Specific Specific Specific Allow	Specific Specific Specific Specific Specific Specific	Specific Specific Specific Specific Specific Specific Ask	 Specific Specific Specific Specific Specific Allow
🗐 🚡 🗸 слеже	Allow	АЭК	V Allow	ASK
Allow communication for vlc.exe			🛹 Allow	
E 🚣 Vienene				
Rule name: Allow communication for vic General: Direction: In Action: Allo Remote side: For every Local side: For every port Application: C:\Program File New Edit Delete (Del)	c.exe w <u>Protocoli</u> ⁻ es\EPSON Projector	ICP UDP	V2\vlc086\vlc.ex	e
			ОК	Cancel Apply

10. Make sure that the movie sending mode(VLC) rule has been added on the Rules tab. (For EMP-1705/1715/1815)

computers and specific ports. For more information Toggle detailed view of all rules	about rules, click <u>he</u>	ere.		
Application/Rule Generic Host Process for Win32 Se For the second sec	Trusted zone in Specific Specific Specific Specific Specific Specific Allow Allow	Trusted zone Specific Specific Specific Specific Specific Ask	Internet in Specific Specific Specific Specific Ask Allow Allow	Internet out Specific Specific Specific Specific Specific Allow Ask
Enderts Allow communication for vlc.exe(2)		. 198	C Allow	
Rule name: Allow communication for vio	exe(2)			

Connecting the projector to Windows XP using Quick Wireless Connection

1. Conduct the steps 1 - 5 that are common procedures for WindowsXP.

2. Set up advanced setting of Personal firewall by clicking Advanced Personal firewall setup at the bottom of the following window.

ESET Smart Security	
ESET Smart Security The next generation of NOD32 tech	inology <u>U</u> ser interface → <u>S</u> etup → <u>I</u> ools → <u>H</u> elp →
Protection status	Personal firewall Configuration of computer protection against unauthorized network access.
Update	Network traffic filtering (i) Enabled Block all network traffic: disconnect network (i)
Setup Antivirus and antispyware Personal firewall Antispam module	Disable filtering: allow all traffic ③ Interactive filtering mode ③ ✓ Enabled Switch to automatic filtering mode
Tools	Configure rules and zones Change the protection mode of your computer in the network ①
Help and support	Advanced Personal firewall setup
Display: Advanced mode	

3.Set up Zone and rule editor by selecting Rules and zones and then clicking Setup button in Zone and rule editor section.

SET Smart Security	2 🛛
Setup	(CSET)
HITP On-demand computer scal Exclusions Rules and zones tions Application modification de Protocol filtering Connection view Antispam module Update Tools Log files Quarantine Scheduler Alerts and notifications ThreatSense.Net User interface Alerts and notifications Settings protection Miscellaneous Proxy server	Rules and zones Trusted zone A Trusted zone is a group of computers to which this computer is visible. An example of a Trusted zone is a home or office network. Do not display dialog with Trusted zone settings when changes in the network adapter settings are detected (e.g. change of IP address) Setup Zone and rule editor Rules define how the Personal firewall handles incoming and outgoing network connections. Sgtup Information displayed in the rule editor Information displayed about the application: Description Rules to display: User and predefined rules

4. Zone and rule setup window is displayed. Under the Rules tab, add a new rule by clicking New button.

Zone and rule setup					
Rules Zones					
Rules define how the firewall will handle network co computers and specific ports. For more information Toggle detailed view of all rules	mmunication. Rules about rules, click <u>he</u>	can allow or deny co ere.	ommunication for	particular applications, remo	te
Application/Rule	Trusted zone in	Trusted zone	Internet in	Internet out	
⊕ 📅 Generic Host Process for Win32 Se	Specific	Specific	Specific	📃 Specific	
🗉 🛅 Services and Controller app	📃 Specific	🚍 Specific	📃 Specific	🚍 Specific	
🗉 🧮 LSA Shell (Export Version)	📃 Specific	Specific	📃 Specific	🗮 Specific	
🕀 🏥 Windows NT Logon Application	E Specific	Specific	Specific	🗮 Specific	
🗄 💮 System	Specific	Specific	? Ask	Specific	
File description: Generic Host Process for V Company: Microsoft Corporation File version: 5.1.2600.5512 (xpsp.080 Original name: svchost.exe Copyright: © Microsoft Corporation. Created on: Wednesday, August 04, 2	Win32 Services 413-2111) All rights reserved. 004				
New Edit Delete (Del)					
			ОК	Cancel Appl	y)

- 5. Create a rule for Quick Wireless Connection
- In the name box, enter an arbitrary rule name for the EMP NS connection.
- Set Direction to Both.
- Set Action to Allow.
- Keep the default in other setting items.
- Select Local tub.

New rule:	
General Loca	Remote
General infor Name: A Direction: A Action: A Protocol: 1	mation about rule Allow communication for emp_qw.exe Soth Allow TCP & UDP Select protocol tion
Log	Notify user
General: Remote side: Local side:	Direction: Both Action: Allow Log: TCP & UDP For every Ports: For every Apolication: c1program files/epson projector/quick wireless connection y
<) (1
	OK Cancel

- Click Browse button in Application section. Then select executable file of Quick Wireless Connection. (Location where Quick Wireless Connection's exe file is stored : C:\Program Files\EPSON Projector\Quick Wireless Connection V1.00\EMP_QW.exe)

*The above is default folder path when the Quick Wireless Connection was installed in PC.

- Keep the default in other setting items.

- Click OK button.

New rule:	? 🛛
General Local	Remote
-Local port:	
	Add port
	Add port range
	Remove
Application: -	
M	c:\program files\epson projector\quick wireless connection v1.00\emp_
	Browse
General: Remote side:	Direction: Both Action: Allow Log: TCP & UDP For every
Local side:	Ports: For every Application: cubrogram files)encon projector)quick wireless connection v1
	Application, c. (program nestopson projector (duict wireless connection vi
<	
	OK Cancel

6. Confirm that the Quick Wireless Connection rule has been added on the Rules tab.

ules define ho omputers and	w the firewall will handle network co specific ports. For more information	mmunication. Rules about rules, click <u>h</u> é	can allow or deny co are,	ommunication for	particular applications, rei
Application/R	ule	Trusted zone in	Trusted zone	Internet in	Internet out
Gene Servi Servi Syste Syste A vic.es Syste A vic.es EMP N	ric Host Process for Win32 Se ces and Controller app ihell (Export Version) ows NT Logon Application em ke ke ke ke	Specific Specific Specific Specific Specific Specific Allow Allow Allow	Specific Specific Specific Specific Specific Specific Ask Ask Allow	Specific Specific Specific Specific Specific Ask Allow Allow Allow	Specific Specific Specific Specific Specific ? Ask ? Ask ? Ask ? Allow
	low communication for emp_qw.exe			🛷 Allow	🛹 Allow
≀ule name: General: Remote side Local side:	Allow communication for em <u>Direction</u> : Both <u>Action</u> : Allo For every For every port <u>Application</u> : C:\Program File	ıp_qw.exe w <u>Protocol:</u> ' es\EPSON Projector	TCP UDP \Quick Wireless Coni	nection V1.00\EM	P_QW.exe

WindowsVista

Common procedure

1. Start ESET Smart Security.

From Windows Vista start button, click Start > All Programs > ESET > ESET Smart Security > ESET Smart Security.



2. Switch the main window to Advanced mode by clicking Setup > Toggle Advanced mode.



3. Confirmation window to change mode is displayed.

Click Yes to toggle to Advanced mode.



4. Set up Personal firewall by clicking Personal firewall in the Setup section on the center of the left side of the window.

ESET Smart Security		
ESET Smart Security The next generation of NOD32 t	echnology	User interface → Setup → Tools → Help →
Protection status	Setup Adjust your computer's security level.	
Update	Antivirus and antispyware protection Real-time file system protection	✓ Enabled
Setup	Email protection Web access protection	 ✓ Enabled ✓ Enabled
Antoponeniodare	Network traffic filtering	✓ Enabled
Tools	Antispam module Antispam module	✓ Enabled
	Set up User name and Password for update Configure proxy server Import and export settings Enter entire advanced setup tree	
Display: Advanced mode		

5. Switch from Automatic filtering mode to Interactive filtering mode by clicking Switch to Interactive filtering mode.



Connecting the projector to Windows Vista using EMP NS Connection

1. Conduct the steps 1 - 5 that are common procedures for Windows Vista.

2. Set up advanced setting of Personal firewall by clicking Advanced Personal firewall setup at the bottom of the following window.

ESET Smart Security	
ESET Smart Security The next generation of NOD32 tech	nnology User interface + Setup + Tools + Help +
Protection status Q Computer scan	Personal firewall Configuration of computer protection against unauthorized network access.
Update	Network traffic filtering ① ✓ Enabled Block all network traffic: disconnect network ③
Setup Antivirus and antispyware Personal firewall Antispam module	Disable filtering: allow all traffic ① Interactive filtering mode ③ Switch to automatic filtering mode
Tools	Configure rules and zones Change the protection mode of your computer in the network ①
Help and support	Advanced Personal firewall setup
000000	
Display: Advanced mode	

3.Set up Zone and rule editor by selecting Rules and zones and then clicking Setup button in Zone and rule editor section.

ESET Smart Security ? ×
Setup ESET
B HTTP On-demand computer sca Trusted zone Exclusions Trusted zone is a group of computers to which this computer is visible. An example of a Trusted zone is a home or office network. P Sona mewain P On-demand computer sca Application modification de Protocol filtering Do not display dialog with Trusted zone settings when changes in the network adapter settings are detected (e.g. change of IP address) Setup Zone and rule editor Rules and notifications Setup Zone and rule editor Rules define how the Personal firewall handles incoming and outgoing network connections. Information displayed in the rule editor Information displayed about the application: Quarantine Setup Alerts and notifications Information displayed about the application: Description Rules to display: User and predefined rules Image: Setup OK Cancel Default

4. Zone and rule setup window is displayed. Under the Rules tab, add a new rule by clicking New button.

Ze	Zone and rule setup				
	Rules Zones				
	Rules define how the firewall will handle networ remote computers and specific ports. For more <u>Toggle detailed view of all rules</u>	k communication. Rules information about rules	can allow or deny co , click <u>here</u> .	mmunication for	particular applications,
	Application/Rule	Trusted zone in	Trusted zone out	Internet in	Internet out
	Host Process for Windows Service	es 🗏 Specific	Specific	Specific	Specific Specific
	Services and Controller app	Specific	Specific	Specific	Specific
Ш	Local Security Authority Process	Specific	Specific	Specific	Specific
	🗄 🏥 Windows Logon Application	Specific	Specific	Specific	Specific
	System	Specific	Specific	? Ask	Specific
	File description: Host Process for Wind Company: Microsoft Corporation File version: 6.0.6000.16386 (vista) Original name: svchost.exe	lows Services a_rtm.061101-2205)			
	Copyright: © Microsoft Corporati Created on: Monday, January 21,	on. All rights reserved. 2008			
	En Data (Da)			ОК	Cancel Apply

- 5. Create a rule for EMP NS Connection.
- In the name box, enter an arbitrary rule name for the EMP NS connection.
- Set Direction to Both.
- Set Action to Allow.
- Keep the default in other setting items.
- Select Local tub.

New rule:	? ×
General Local Remote	
General information about rule Name: EMP NS Connection V2.50 Direction: Both Action: Allow Protocol: TCP & UDP Select protocol	
Additional action	
General: Direction: Both Action: Allow Log: TCP & U Remote side: For every Local side: For every	qc
	Cancel

- Click Browse button in Application section. Then select executable file of EMP NS Connection.

(Location where EMP NS Connection's exe file is stored : C:\Program Files\EPSON Projector\EMP NS Connection V2\EMP_NSC.exe)

*The above is default folder path when the EMP NS Connection was installed in PC.

- Keep the default in other setting items.

- Click OK button.

New rule:	8 ×
General Local	Remote
Local port:	
	Add port
	Add port range
	Remove
- Application: -	
	C:\Program Files\EPSON Projector\EMP NS Connection V2\EMP_NS(
38-7	Browse
General:	Direction: Both Action: Allow Log: TCP & UDP
Remote side:	For every
Local side:	Ports: For every
	Application: C:\Program Files\EPSON Projector\EMP NS Connection
•	4 III
	OK Cancel

6. Confirm that the EMP NS Connection rule has been added on the Rules tab.

ules define how the firewall will handle network o mote computers and specific ports. For more info pagle detailed view of all rules	ommunication. Rules ormation about rules	can allow or deny co , dick <u>here</u> .	mmunication for	particular applications,
Application/Rule	Trusted zone in	Trusted zone out	Internet in	Internet out
Host Process for Windows Services	Specific	Specific	Specific	Specific
Services and Controller app	Specific	Specific	Specific	Specific
Local Security Authority Process	Specific	Specific	Specific	Specific
🗄 🏨 Windows Logon Application	Specific	Specific	Specific	Specific
Sustem	= Specific	= Specific	? Ask	Specific
Jystem	= specific	- specific	: ASK	- specific
		_ specific	: ASK	
EMP NS Connection V2.50		- specific	Allow	✓ Allow

7. Establish a rule to transfer movie (VLC) to EMP-1825 or EB-1725/1735W/G5150/G5350.

- Click the New button on the Rule tab in the Zone and rule setup window like the step 4.

Then the following screen is displayed.

- In the name box, enter an arbitrary rule name.

- Set Direction to IN.

- Set Action to Allow.
- Keep the default in other setting items.
- Select Local tab.

New rule:
General Local Remote
General information about rule Name: Allow communication for vic.exe Direction: In Action: Allow
Protocol: TCP & UDP Select protocol
🗌 Log 📄 Notify user
General: Direction: In Action: Allow Log: TCP & UDP Remote side: For every
Local side: Ports: For every
Application: c:\program files\epson projector\emp ns connection v
OK Cancel

- Click Browse button in Application section. Then select executable file of VLC.

(Location where the VLC's exe file is stored : C:\Program Files\EPSON Projector\EMP NS Connection V2\vlc086\vlc.exe)

*The above is default folder path when the EMP NS Connection was installed in PC.

- Keep the default in other setting items.
- Click OK button.

New rule:	? <mark>×</mark>
General Local	Remote
-Local port:	
	Add port
	Add port range
	Remove
Application:	
	c:\program files\epson projector\emp ns connection v2\vlc086\vlc.exe
🚔	Browse
General:	Direction: In Action: Allow Log: TCP & UDP
Kemote side:	For every
Local side:	Application: c) program files) encon projector) emp os connection y
•	mppication, c. (program mes/epson projector/emp hs connection v.
	OK Cancel

8. Create a rule for movie sending mode(VLC). (For EMP-1705/1715/1815)

- Click the New button on the Rule tab in the Zone and rule setup window like the step 4.

Then the following screen is displayed.

- In the name box, enter an arbitrary rule name.

- Set Direction to IN.

- Set Action to Allow.
- Keep the default in other setting items.
- Select Local tab.

New rule:	? ×
General Local	Remote
General infor Name:	mation about rule Allow communication for vlc.exe(2)
Direction: Action:	In Allow TCP & UDP Select protocol
Additional ac	tion 🔲 Notify user
General: Remote side:	Direction: In Action: Allow Log: TCP & UDP For every
Local side:	Ports: For every Application: c:\program files\epson projector\emp ns connection v
•	OK Cancel

- Click Browse button in Application section. Then select executable file of VLC.

(Location where the VLC's exe file is stored : C:\Program Files\EPSON Projector\EMP NS Connection V2\vlc084\vlc.exe)

*The above is default folder path when the EMP NS Connection was installed in PC.

- Keep the default in other setting items.

- Click OK button.

New rule:	?
General Local	Remote
Local port:	
	Add port
	Add port range
	Remove
Application:	
	c:\program files\epson projector\emp ns connection v2\vlc084\vlc.exe
-	Browse
General:	Direction: In Action: Allow Log: TCP & UDP
Remote side:	For every
Local side:	Ports: For every
	Application: c:\program files\epson projector\emp ns connection v
	OK Cancel

9. Make sure that the movie sending mode(VLC) rule has been added on the Rules tab. (For EMP-1825, EB-1725/1735W/G5150/G5350)

one and rule setup				
Rules Zones				
Rules define how the firewall will handle network co remote computers and specific ports. For more info <u>Toggle detailed view of all rules</u>	ommunication. Rules ormation about rules	can allow or deny co , click <u>here</u> .	mmunication for p	particular applications,
Application/Rule	Trusted zone in	Trusted zone out	Internet in	Internet out
Host Process for Windows Services	Specific	Specific	Specific	Specific
Services and Controller app	Specific	Specific	Specific	Specific
Local Security Authority Process	Specific	Specific	Specific	Specific
🗄 🏥 Windows Logon Application	Specific	Specific	Specific	Specific
• System	Specific	Specific	? Ask	Specific
EMP NS Connection V2.50	V Allow	🗸 Allow	🗸 Allow	V Allow
Allow communication for vic.exe				
		?	Allow	<u> </u>
Rule name: General: Remote side: Local side: Allow communication for vi Direction: In Action: Allow For every port Application: C: Program Fil	c.exe pw <u>Protocol:</u> les\EPSON Projector	TCP UDP	V2\vlc086\vlc.ex	2
Rule name: Allow communication for vi General: Remote side: Direction: In For every Local side: For every Local side: For every For every port Application: C: \Program Fill New Edit Delete (Del)	c.exe protocol: es\EPSON Projector	TCP UDP	V2\vlc086\vlc.ext	2
Rule name: Allow communication for vi General: Direction: In Action: Alle Remote side: For every Local side: For every port Application: C: \Program Fil New Edit Delete (Del)	c.exe ow <u>Protocol:</u> les/EPSON Projector	TCP UDP	V2\vlc086\vlc.exr	Cancel Apply

10. Make sure that the movie sending mode(VLC) rule has been added on the Rules tab. (For EMP-1705/1715/1815)

one and rule setup				
Rules Zones				
Rules define how the firewall will handle network com remote computers and specific ports. For more inform <u>Togqle detailed view of all rules</u>	munication. Rules ca ation about rules, d	n allow or deny comn ick <u>here</u> .	nunication for par	ticular applications,
Application/Rule	Trusted zone in	Trusted zone out	Internet in	Internet out
Host Process for Windows Services	Specific	Specific	Specific	Specific
Services and Controller app	Specific	Specific	 Specific Specific Specific Ask 	 Specific Specific Specific Specific Specific
Local Security Authority Process	Specific	Specific		
🗄 🏥 Windows Logon Application	Specific	Specific		
• System	Specific	Specific		
EMP NS Connection V2.50	🗸 Allow	V Allow	V Allow	V Allow
🖶 🛓 vlc.exe	🗸 Allow	? Ask	V Allow	? Ask
Allow communication for vlc.exe(2)			✓ Allow	
Rule name: Allow communication for vic.e General: Direction: In Action: Allow Remote side: For every Local side: For every port Local side: C: Program Files Program Files	exe(2) <u>Protocol:</u> TCF \EPSON Projector\Ef	P UDP MP NS Connection V2	\vlc084\vlc.exe	
<u>N</u> ew <u>E</u> dit Delete (Del)				
			ОК	Cancel <u>Apply</u>

Connecting the projector to Windows Vista using Quick Wireless Connection

1. Conduct the steps 1 - 5 that are common procedures for WindowsVista.

2. Set up advanced setting of Personal firewall by clicking Advanced Personal firewall setup at the bottom of the following window.

ESET Smart Security	
ESET Smart Security The next generation of NOD32 tecl	hnology User interface + Setup + Tools + Help +
Protection status Q Computer scan	Personal firewall Configuration of computer protection against unauthorized network access.
Update Update	Network traffic filtering ① ✓ Enabled Block all network traffic: disconnect network ③
Setup Antivirus and antispyware Personal firewall Antispam module	Disable filtering: allow all traffic ③ Interactive filtering mode ③ Switch to automatic filtering mode
Tools	Configure rules and zones Change the protection mode of your computer in the network ③
Help and support	Advanced Personal firewall setup
0000000	
Display: Advanced mode	

3.Set up Zone and rule editor by selecting Rules and zones and then clicking Setup button in Zone and rule editor section.

Setup	ESET Smart Security	? 🗙
HTTP On-demand computer scal Exclusions Rules and zones Trusted zone A Trusted zone is a group of computers to which this computer is visible. An example of a Trusted zone is a home or office network. Do got display dialog with Trusted zone settings when changes in the network	Setup	eser
Application modification deplots Application modifications Application modifications Connection view Antispam module Update Consection view Antispam module Update Consection view Antispam module Update Consection view Antispam module Update Quarantine Scheduler Alerts and notifications ThreatSense.Net User interface Alerts and notifications Settings protection Builes to displayed about the application: Description Rules to display: User and predefined rules Proxy server Image: Thread Sense Net OK Cancel	HTTP On-demand computer scal Exclusions Pleanstrievensit Roles and zones polication modification de Protocol filtering Connection view Antispam module Update Tools Log files Quarantine Scheduler Alerts and notifications Stings protection Miscellaneous Proxy server TII	Rules and zones Trusted zone A Trusted zone is a group of computers to which this computer is visible. An example of a Trusted zone is a home or office network. Do not display dialog with Trusted zone settings when changes in the network adapter settings are detected (e.g. change of IP address) Setup Zone and rule editor Rules define how the Personal firewall handles incoming and outgoing network connections. Setup Information displayed in the rule editor Information displayed about the application: Description Rules to display: User and predefined rules OK Cancel

4. Zone and rule setup window is displayed. Under the Rules tab, add a new rule by clicking New button.

Ze	one and rule setup				
	Rules Zones				
	Rules define how the firewall will handle network co remote computers and specific ports. For more infor <u>Toggle detailed view of all rules</u>	mmunication. Rules rmation about rules,	can allow or deny co dick <u>here</u> .	ommunication for p	articular applications,
	Application/Rule	Trusted 🔺	Trusted zone out	Internet in	Internet out
	Host Process for Windows Services	Specific	Specific Specific	Specific	E Specific
	Services and Controller app	Specific	Specific	Specific	Specific
	Local Security Authority Process	Specific	Specific	Specific	Specific
	🗉 🏥 Windows Logon Application	Specific	Specific	Specific	Specific
	+ System	Specific	Specific	? Ask	Specific
	EMP NS Connection V2.50	V Allow	Allow	V Allow	✓ Allow
	🗄 🚣 vlc.exe	🗸 Allow 🛛 ? Ask	? Ask	V Allow	? Ask
File description: Host Process for Windows Company: Microsoft Corporation File version: 6.0.6000.16386 (vista_rb Original name: svchost.exe Copyright: © Microsoft Corporation. Created on: Monday, January 21, 200		: Services m.061101-2205) All rights reserved. 8			
L	New Edit Delete (Del)				
				ок	Cancel Apply
_	And the second s	and the state of the state of the	The second second		

- 5. Create a rule for Quick Wireless Connection
- In the name box, enter an arbitrary rule name for the EMP NS connection.
- Set Direction to Both.
- Set Action to Allow.
- Keep the default in other setting items.
- Select Local tub.

New rule:	? x
General Local Remote	
General information about nule Name: Allow communication for emp_qw.exe Direction: Both	
Action: Allow Protocol: TCP & UDP Select protocol	
Additional action C Log Notify user	
General: Direction: Both Action: Allow Log: TCP & UDP	
Local side: For every	
ОКС	ancel

- Click Browse button in Application section. Then select executable file of Quick Wireless Connection. (Location where Quick Wireless Connection's exe file is stored : C:\Program Files\EPSON Projector\Quick Wireless Connection V1.00\EMP_QW.exe)

*The above is default folder path when the Quick Wireless Connection was installed in PC.

- Keep the default in other setting items.

- Click OK button.

N	lew rule:	? ×	
ſ	General Local	Remote	
	Local port:		
		Add port	
		Add port range	
		Remove	
	Application:		
		C:\Program Files\EPSON Projector\Quick Wireless Connection V1.00\	
		Browse	
1	General: Direction: Both Action: Allow Log: TCP & UDP		
	Remote side:	For every	
	Local side:	Ports: For every	
		Application: C:\Program Files\EPSON Projector\Quick Wireless Con	
	•	4 11	
		OK	

6. Confirm that the Quick Wireless Connection rule has been added on the Rules tab.

Zone and rule setup				
Rules Zones				
Rules define how the firewall will handle network commu computers and specific ports. For more information abo <u>Toggle detailed view of all rules</u>	unication. Rules can all ut rules, click <u>here</u> .	ow or deny communio	cation for particul	lar applications, remote
Application/Rule	Trusted zone in	Trusted zone out	Internet in	Internet out
Host Process for Windows Services	Specific	Specific	Specific	Specific
Services and Controller app	Specific	Specific	Specific	Specific
Local Security Authority Process	Specific	 Specific Specific Specific Allow 	 Specific Specific Ask Allow 	Specific
🗄 🏥 Windows Logon Application	Specific			Specific
System	Specific			Specific
EMP NS Connection V2.50	V Allow			V Allow
		• 7.5X	· /	· / • /
EPSON Quick Wireless Connection V1.00) 🖌 🖌 🖌 🖌 🖌	🖌 Allow	🖌 Allow	🖌 Allow
Allow communication for any ground			• # Allow	Allow
File description: EPSON Quick Wireless Connection V1.00 Company: SEIXO EPSON CORPORATION File version: 1, 0, 0, 0 Original name: EPSON Quick Wireless Connection Copyright: Copyright: Copyright: Copyright: Copyright: Copyright: Second Copyright: Copyright: Second Copyright: Copyright: </td				
New Edit Delete (Del)				
			ОК	Cancel <u>A</u> pply