Security Guidebook Function List ✓: Supported -: Not supported



Security Function	WF-8510 WF-8590 Series WF-R8590	WF-8010 WF-8090 Series	WF-5690 WF-5620 Series	WF-4640 WF-4630	WF-R4640 WF-R5690 Series WF-M5690 Series	WF-5190 Series	WF-5110 Series	WF-6530 WF-6590 Series	WF-6090 Series	WF-C869R Series	WF-C20590 Series WF-C17590 Series	WF-C5790 Series	WF-C5710	ET-8700	WF-M5799 Series	WF-C5290 Series
Network Security	•		•		•				•						•	•
TLS Communication	✓	√	1	✓	✓	1	1	1	✓	✓	1	✓	✓	✓	✓	✓
TLS1.1	✓	✓	1	✓	✓	✓	1	1	✓	✓	✓	✓	✓	✓	✓	✓
TLS1.2	1	1	1	✓	✓	1	1	1	1	✓	1	✓	✓	✓	✓	1
Controlling Protocol Permissions and exclusions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IPsec/IP Filtering	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IKEv1	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IKEv2	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓
ESP:AES-CBC-128/AES-CBC-192/AES-CBC-256/3DES	/	√	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESP:AES-GCM-128/AES-GCM-192/AES-GCM-256	-	-	-	-	-	-	-	-	-	1	✓	✓	✓	✓	✓	1
ESP/AH:SHA-1/MD5	1	✓	✓	-	✓	✓	1	1	✓	1	✓	✓	✓	✓	✓	1
ESP/AH:SHA-256/SHA-384/SHA-512	-	-	-	-	-	-	=	=	-	1	1	√	<u> </u>	/	√	1
IEEE802.1X Authentication	1	1	1	-	1	1	1	1	1	1	1	1	<u> </u>	1	1	1
EAP-TLS	1	1	1	-	√	1	1	1	1	/	/	√		/	1	1
PEAP-TLS	1	1	1	-	√	1	1	1	1	/	/	1	<u> </u>	/	1	1
PEAP/MSCHAPv2	1	√	1	-	√	1	1	1	1	/	1	1	√	1	√	1
EAP-TTLS		-	-	-		-	-	-	-	-	-	-		-	√	
AES128/AES256/3DES/RC4	<i></i>	V	/	-	√	/	/	/	/	/	/	<i></i>	<u>/</u>	1	√	/
SNMPv3	1	√	1	-	√	1	1	1	/	/	/	/	√	/	✓	1
WPA3		-	-	-	-	-	-	-	-	-	-	-		-	-	
Separation Between Interfaces	✓	√	/	✓	✓	1	1	1	1	✓	/	1	√	✓	✓	/
Protecting Your All-in-one Printer				1					1					1	1	
Block USB Connection from Computer	1	✓	✓	✓	✓	✓	1	1	✓	1	✓	✓	✓	✓	✓	1
Disabling the External Interface	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Handling Viruses Introduced by USB Memory	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Print / Scan Security															_	
Confidential Jobs	√	✓	✓	-	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
Anti-Copy Pattern	√	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Watermark	1	✓	1	1	√	1	1	1	✓	1	1	✓	✓	1	1	1
PDF Encryption	✓	-	✓	✓	✓	-	-	1	-	✓	1	✓	✓	✓	✓	-
S/MIME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AES-128/AES-192/AES-256/3DES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHA-1/SHA-256/SHA-384/SHA-512/MD5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fa <u>x Security</u>	_	1				1	1		1	1		T		T .		_
Direct Dialing Restrictions	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Confirmation of Address List	/	-	1	/	√	-	-	1	-	/	/	1	<u> </u>	/	1	-
Dial Tone Detection	1	-	1	/	√	-	-	1	-	/	1	√	<u>√</u>	/	1	-
Measures Against Abandoned Faxes	1	-	1	/	/	-	-	1	-	1	/	1	✓	1	1	-
Transmission Confirmation Report	/	-	/	/	/	-	-	/	-	/	/	/		/	√	-
Deleting the Backup Data for Received Faxes	/	-	/	/	/	-	-	/	-	/	/	1		/	√	-
Limit Sending to Multiple Recipients	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
Jser Data Protection		1		ı	T	1			1	1	1	1		ı	1	
Box Security	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Protecting Your Address Book	/	-	/	V	/	-	-	/	-	/	/	/		/	/	-
Data Handling Processed by an All-in-one Printer	/	/	/	/	/	✓	✓	✓	✓	/	√	✓	✓	/	/	✓
Encryption of Saved Data in Hard Disk	-	-	-	-	-	-	-	-	-	-	/	-	-	-	-	-
Sequential Deletion of Job Data	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-
Password Encryption TPM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IPM Operational Limitation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					1								,			
Panel Lock	/	<u> </u>	/	'	/	<u> </u>	'	V		✓ ✓	V	<i>y</i>		1	•	•
Access Control	1	-	1	-	/	-	-	✓	-	_	√ / *1	_	· /	·	√ / *1	√ *3
Authenticated Printing Password Policy	-	-	-	-	 	-	-	-	-	√ *1	✓ *1	√ *1	-	-	√ *1	√ *1
	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Audit Log	-	-	-	-	-	-	-	-	-	-	_ -	-	-	-	-	-
Printer Security		T		I	1	I	I	I	I	ı	I	1		I	1	
Automatic Firmware Updates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Security Measures When You Dispose of Printer												1	,		1 /	
Restore Factory Default		· · ·		· · ·	/	· ·	· · ·	· · ·			· ·	· · · · · ·	<u> </u>	· · · · ·	/	
Security Certification and Standards ISO15408/IEEE2600.2™		1		ı		1			1	1				1		
	_															

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^{*2} Access Control are supported only via the printer driver.

^{*3} Epson Print Admin must be installed separately, and Access Control are supported only via the printer driver.

^{*4} Only supported when the optional hard disk unit is installed.

^{*5} Only available when the optional fax board is installed.

^{*6} To set up Epson Print Admin Serverless, an optional hard disk unit

^{*7} May not be supported depending on the region. Please contact the local sales office for availability in your country.

Security Function	WF-C5210	WF-M5299 Series WF-M5298	WF-C8690 Series	WF-C8190 Series	WF-C8610	WF-C579R Series	WF-C529R	WF-M20590 Series	WF-C879R Series	WF-C878R Series	WF-C20600 Series WF-C20750 Series WF-C21000 Series	WF-M21000 series	AL-C9500DN Series AL-C9400DN Series		
Network Security	1	1		1	-				1	1					
TLS Communication	✓	1	√	✓	✓	✓	✓	/	✓	1	✓	✓	√	1	1
TLS1.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLS1.2	✓	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Controlling Protocol Permissions and exclusions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IPsec/IP Filtering	✓	✓	✓	✓	✓	✓	√	/	✓	✓	√	/	✓	1	/
IKEv1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
IKEv2	/	/	/	/	/	/	√	/	/	/	/	/	/	/	/
ESP:AES-CBC-128/AES-CBC-192/AES-CBC-256/3DES	/	/	/	/	/	/		/	/	1	/	/	/	/	/
ESP:AES-GCM-128/AES-GCM-192/AES-GCM-256	/	1	1	1		1		1	1	1	1	1	/	1	1
ESP/AH:SHA-1/MD5	/	1	1	1	./	1		1	/	1	1	1	/	/	1
ESP/AH:SHA-256/SHA-384/SHA-512	/	1	/	/		1		/	/	1	/	/	/	/	/
IEEE802.1X Authentication	1	1	1	/	1	1		1	/	1	/	/	/	/	1
EAP-TLS	/	1	/	/	<u> </u>	<i>'</i>		/	/	<i>'</i>	/	/	/	/	<i>'</i>
PEAP-TLS	· · ·	· · ·	/	/	· · ·	V /	<u> </u>		/		/	/	/	1	-/
	V	V	· · · · · · · · · · · · · · · · · · ·	•	<i>\</i>	V		<i>\</i>	· · · · · · · · · · · · · · · · · · ·	✓	•		•		•
PEAP/MSCHAPv2	· ·	· ·	/	<i>\</i>	· ·	/		/	<i>\</i>	<i>\</i>	/	/	/	/	/
EAP-TTLS	-	<i>\</i>	/	/	/	<i>\</i>	<u> </u>	-	<i>\</i>	/	/	/	<i>\</i>	/	/
AES128/AES256/3DES/RC4	<i>\lambda</i>	/	/	/	/	/	<u>/</u>	/	/	/	/	<i>\</i>	/	<i>\</i>	/
SNMPv3	/	✓	/	/	✓	✓	✓	/	/	1	/	/	√	✓	1
WPA3	-	-	-	-	-	-	-	-	1	1	1	✓	-	-	-
Separation Between Interfaces	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Protecting Your All-in-one Printer															
Block USB Connection from Computer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Disabling the External Interface	-	-	✓	-	✓	✓	-	/	✓	✓	✓	✓	-	-	-
Handling Viruses Introduced by USB Memory	-	-	/	-	√	✓	-	/	1	✓	√	1	-	-	-
Print / Scan Security	•							•	•			-		•	-
Confidential Jobs	/	/	✓	✓	/	/	√	/	✓	1	✓	1	✓	✓	/
Anti-Copy Pattern	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Watermark	/	/	/	/	/	/		/	/	1	/	/	/	/	/
PDF Encryption	_	-	1	_	1	1	_	1	1	1	1	1	_	_	_
S/MIME	_	_	-	_	-	_	_	-	1	-	1	1	_	_	_
AES-128/AES-192/AES-256/3DES	_	_	_	_	-	_	_	_	/	_	1	/	_	_	_
SHA-1/SHA-256/SHA-384/SHA-512/MD5	_	_	_	_	-	_	_	_	1	_	1	1	_	-	_
Fax Security	1	1	L	L		1			1			<u> </u>	L		1
Direct Dialing Restrictions	_	-		_	./		_	1		1	√ *5	√ *5	_	_	_
Confirmation of Address List	_	-	/	-	<u> </u>	/		/	/	<i>'</i>	√ *5	√ *5	-		-
Dial Tone Detection		+	/		<u> </u>	/		/	<i>'</i>	/	√ *5	√ *5	1		1
	-	-	/	-	· · ·	V	-	/	1	/			-	-	-
Measures Against Abandoned Faxes Transmission Confirmation Report	-	-	/	-	<i>,</i>	V	-		· · · · · ·	· ·	√ *5	√ *5	-	-	-
	-	-	<i>\</i>	-	<i>,</i>	V	-	/	/	/	√ *5	√ *5	-	-	-
Deleting the Backup Data for Received Faxes	-	-	/	-	✓	/	-	/	/	/	√ *5	√ *5	-	-	-
Limit Sending to Multiple Recipients	-	-	-	-	-	-	-	-		✓	√ *5	√ *5	-	-	-
Jser Data Protection	ı		T					1	1	I	1		1	I	
Box Security	-	-	-	-	-	-	-	-	-	-	V	<i>\</i>	-	-	-
Protecting Your Address Book	-	-	/	-	✓	✓		✓	/	/	/	/	-	-	-
Data Handling Processed by an All-in-one Printer	✓	1	✓	✓	✓	✓	✓	/	1	✓	✓	✓	1	✓	✓
Encryption of Saved Data in Hard Disk	-	-	-	-	-	-	-	/	1	-	✓	✓	√ *4	√ *4	-
Sequential Deletion of Job Data	-	-	-	-	-	-	-	✓	✓	-	✓	✓	/	✓	-
Password Encryption	-	-	-	-	-	-	-	-	/	1	1	1	/	1	✓
TPM	-	-	-	-	-	-	-	-	√ *7	-	√ *7	√ *7	-	-	-
Operational Limitation								·	•		·				
Panel Lock	1	1	/		√	√	√	√	√	✓	✓		√	✓	1
Access Control	-	√ *3	1	✓	1	✓	✓	/	/	1	/	1	√ *4	√ *4	✓
Authenticated Printing	-	√ *1	√ *1	√ *1	-	√ *1	√ *1	√ *1	√ *1	√ *1	√ *1	√ *1	√ *1	√ *1	-
Password Policy	-	-	-	-	-	-	-	1	-	-	/	1	-	-	-
Audit Log	-	-	-	-	-	-	-	/	/	1	/	1	/	/	/
Printer Security															
Automatic Firmware Updates	_	-	-	-	-	-	-	-	_	-	/	/	-	-	-
Security Measures When You Dispose of Printer	!		+					<u>.</u>	!	!	+ •	<u> </u>	!	<u> </u>	•
Restore Factory Default	/	/	/	/	/	/		/	/	/	/	/	/	/	/
Security Certification and Standards		· ·	+ -	· · · · · ·	•	, ,				· · · · · ·	+ •	<u> </u>	+	·	•
ISO15408/IEEE2600.2™	_	_	-	-	_	- 1	_	_	_	_	/	_	_	_	-
*1 Requires authentication devices such as IC card reader.	1		1	I	1	1		1	1	l .		1	1	1	1

^{*1} Requires authentication devices such as IC card reader.

^{*2} Access Control are supported only via the printer driver.

^{*3} Epson Print Admin must be installed separately, and Access Control are supported only via the printer driver.

*4 Only supported when the optional hard disk unit is installed.

^{*5} Only available when the optional fax board is installed.

^{*6} To set up Epson Print Admin Serverless, an optional hard disk unit must be installed.

*7 May not be supported depending on the region. Please contact the local sales office for availability in your country.