

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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLS1.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLS1.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓
ESP/AH: SHA-1/MD5	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESP/AH: SHA-256/SHA-384/SHA-512	-	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓
IEEE802.1X Authentication	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAP-TLS	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PEAP-TLS	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PEAP/MSCHAPv2	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAP-TTLS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	-
AES128/AES256/3DES/RC4	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SNMPv3	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WPA3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Separation Between Interfaces	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Protecting Your All-in-one Printer																
Block USB Connection from Computer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Disabling the External Interface	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Handling Viruses Introduced by USB Memory	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Print / Scan Security																
Confidential Jobs	✓	✓	✓	-	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
Anti-Copy Pattern	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Watermark	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PDF Encryption	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
S/MIME	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AES-128/AES-192/AES-256/3DES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHA-1/SHA-256/SHA-384/SHA-512/MD5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fax Security																
Direct Dialing Restrictions	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Confirmation of Address List	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Dial Tone Detection	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Measures Against Abandoned Faxes	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Transmission Confirmation Report	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Deleting the Backup Data for Received Faxes	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Limit Sending to Multiple Recipients	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
User Data Protection																
Box Security	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Protecting Your Address Book	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
Data Handling Processed by an All-in-one Printer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Encryption of Saved Data in Hard Disk	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-
Sequential Deletion of Job Data	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-
Password Encryption	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operational Limitation																
Panel Lock	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Access Control	✓	-	✓	-	✓	-	-	✓	-	✓	✓	✓	✓	✓	✓	✓*3
Authenticated Printing	-	-	-	-	-	-	-	-	-	✓*1	✓*1	✓*1	-	-	✓*1	✓*1
Password Policy	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-
Audit Log	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-
Printer Security																
Automatic Firmware Updates	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Security Measures When You Dispose of Printer																
Restore Factory Default	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Security Certification and Standards																
ISO15408/IEEE2600.2™	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-

*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.

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	AL-M8250DN Series AL-M8150DN Series	AL-M7150DN Series	
Network Security																
TLS Communication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLS1.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLS1.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESP/AH:SHA-1/MD5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESP/AH:SHA-256/SHA-384/SHA-512	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IEEE802.1X Authentication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAP-TLS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PEAP-TLS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PEAP/MSCHAPv2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EAP-TTLS	-	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
AES128/AES256/3DES/RC4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SNMPv3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WPA3	-	-	-	-	-	-	-	-	✓	✓	✓	✓	-	-	-	-
Separation Between Interfaces	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Protecting Your All-in-one Printer																
Block USB Connection from Computer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Disabling the External Interface	-	-	✓	-	✓	✓	-	✓	✓	✓	✓	✓	-	-	-	-
Handling Viruses Introduced by USB Memory	-	-	✓	-	✓	✓	-	✓	✓	✓	✓	✓	-	-	-	-
Print / Scan Security																
Confidential Jobs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Anti-Copy Pattern	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Watermark	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PDF Encryption	-	-	✓	-	✓	✓	-	✓	✓	✓	✓	✓	-	-	-	-
S/MIME	-	-	-	-	-	-	-	-	✓	-	✓	✓	-	-	-	-
AES-128/AES-192/AES-256/3DES	-	-	-	-	-	-	-	-	✓	-	✓	✓	-	-	-	-
SHA-1/SHA-256/SHA-384/SHA-512/MD5	-	-	-	-	-	-	-	-	✓	-	✓	✓	-	-	-	-
Fax Security																
Direct Dialing Restrictions	-	-	✓	-	✓	✓	-	✓	✓	✓	✓*5	✓*5	-	-	-	-
Confirmation of Address List	-	-	✓	-	✓	✓	-	✓	✓	✓	✓*5	✓*5	-	-	-	-
Dial Tone Detection	-	-	✓	-	✓	✓	-	✓	✓	✓	✓*5	✓*5	-	-	-	-
Measures Against Abandoned Faxes	-	-	✓	-	✓	✓	-	✓	✓	✓	✓*5	✓*5	-	-	-	-
Transmission Confirmation Report	-	-	✓	-	✓	✓	-	✓	✓	✓	✓*5	✓*5	-	-	-	-
Deleting the Backup Data for Received Faxes	-	-	✓	-	✓	✓	-	✓	✓	✓	✓*5	✓*5	-	-	-	-
Limit Sending to Multiple Recipients	-	-	-	-	-	-	-	-	✓	✓	✓*5	✓*5	-	-	-	-
User Data Protection																
Box Security	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-	-	-
Protecting Your Address Book	-	-	✓	-	✓	✓	-	✓	✓	✓	✓	✓	-	-	-	-
Data Handling Processed by an All-in-one Printer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Encryption of Saved Data in Hard Disk	-	-	-	-	-	-	-	✓	✓	-	✓	✓	✓*4	✓*4	-	-
Sequential Deletion of Job Data	-	-	-	-	-	-	-	✓	✓	-	✓	✓	✓	✓	✓	✓
Password Encryption	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
TPM	-	-	-	-	-	-	-	-	✓*7	-	✓*7	✓*7	-	-	-	-
Operational Limitation																
Panel Lock	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Access Control	-	✓*3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓*4	✓*4	✓	✓
Authenticated Printing	-	✓*1	✓*1	✓*1	-	✓*1	✓*1	✓*1	✓*1	✓*1	✓*1	✓*1	✓*1	✓*1	✓*1	-
Password Policy	-	-	-	-	-	-	-	✓	-	-	✓	✓	-	-	-	-
Audit Log	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
Printer Security																
Automatic Firmware Updates	-	-	-	-	-	-	-	-	-	-	✓	✓	-	-	-	-
Security Measures When You Dispose of Printer																
Restore Factory Default	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Security Certification and Standards																
ISO15408/IEEE2600.2™	-	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	-

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