

HP PageWide Pro-class security features



The table below shows a list of security features and support of these features across HP PageWide Pro-class printers and competitor devices. This data is provided to support the “Best in Class” security feature claim for HP PageWide Pro 400 and 500 series devices.

	HP PageWide Pro 400 & 500 series	Brother	Canon	Dell	Epson	Kyocera	Lexmark	Xerox
Secure boot	✓						INA	
Firmware integrity checking	✓	INA	INA	INA	INA	INA	INA	✓
Run-time code integrity	✓	INA	INA	INA	INA	INA	INA	INA
802.1X wired authentication	✓	✓	✓	✓	✓	✓	✓	✓
802.1X wireless authentication	✓	✓	✓	✓	✓	✓	✓	✓
Active directory configuration user/groups relationships	✓	✓				✓		
Authentication lockout after failed attempts	✓	✓				✓	✓	
Configurable authentication timeout	✓			✓		✓	✓	
Color access control on device	✓	✓	✓	✓		✓		
Configurable CA certificate	✓				✓	✓		✓
Control panel lock enable control	✓							
Configurable device identity certificate	✓	✓		✓	✓	✓	✓	✓
Digitally signed firmware/software	✓	✓	✓	✓	✓	✓	✓	✓
Disable network ports and protocols	✓	✓	✓	✓	✓	✓	✓	✓
Disable physical ports (USB, parallel, etc.)	✓	✓	✓	✓	✓	✓	✓	✓
Disable firmware update from all sources	✓							
Disable/hide control panel feature capabilities	✓							
Embedded NFC hardware	✓	✓		✓				
Embedded Wi-Fi direct security	✓	✓		✓	✓			✓
Embedded encrypted HDD	N/A						✓	✓
Encrypted PDF scanning	✓	✓				✓	✓	
EWS password protect	✓	✓	✓	✓	✓	✓	✓	✓
Ability to lock fax via pin	✓	✓	✓	✓	✓		✓	✓
Firewall support	✓					✓		
IPP encrypted printing	✓	✓		✓	✓	✓	✓	✓
IPSec	✓	✓	✓	✓	✓	✓	✓	✓
LDAP address book	✓	✓	✓	✓	✓	✓	✓	✓
LDAP authentication support	✓			✓	✓	✓	✓	✓
Multiple authentication methods (LDAP, Kerberos, or NTLM)	✓			✓	✓	✓	✓	✓
Multiple user PINs (on the device)	✓	✓			✓	✓		
Onboard memory used for private printing	✓	✓	✓	✓	✓	✓	✓	✓
Role-based access to control panel features	✓	✓	✓	✓	✓	✓	✓	✓
Secure file erase mode	✓					✓	✓	
Secure encrypted PIN printing	✓	✓	✓	✓		✓	✓	✓
Secure SMTP server (HTTPS)	✓	✓	✓	✓	✓	✓	✓	✓
Secure storage erase	✓						✓	
SNMPv3	✓	✓	✓	✓	✓	✓	✓	✓
TLS	✓	✓	✓	✓	✓	✓	✓	✓
TOTALS	36	24	15	23	21	27	25	23

Methodology

Analysis by HP is based on published information from websites, data sheets, and brochures of leading competitive brands and representative in-class devices. Information provided is to the best of our knowledge.

Source

Websites, data sheets, spec sheets, brochures, white papers, catalogs, and other public information from competitors listed below as of October 2017.

Competitive printer model list

HP	Brother	Canon	Dell	Epson	Kyocera	Lexmark	Xerox
PageWide Pro 400/500 series	MFC-L800CDW	MF8580CDW	C2665DNF	WF-5620WF	ECOSYS M2535dn	MX410de	WorkCentre 3325/DNI
	MFC-8950DW	MF8380CDW			ECOSYS M6526cdnDN	XC2132	WorkCentre 6015/NI
	MFC-L8850	MF8280CDW			ECOSYS FS-1135MFP	CX310dn	WorkCentre 6027/NI
	MFC-9970CDW	Maxify MB2320			ECOSYS P6021CDN		Phaser 6500/N
	MFC-9330CDW				ECOSYS P6026CDN		Phaser 6605/N
	MFC-9140CDN						
	MFC-J4420CDW						
	MFC-J4620CDW						
	DCP-9020CDW						
	HL-3170CDW						
	HL-3140CDW						



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