

Colortrac	Z series System Controller Security White Paper	UG15660-3
07/11/2023		

Product:	Z series scanners with TM, TX and TZ printers.
Version:	SmartWorks MFP6.22, image v1.5.3
<p>The Z36 scanner, in conjunction with its System Controller, provides configuration and operation of scanning and copying functionality using Canon imagePROGRAF printer TM, TX or TZ.</p> <p>The System Controller is a closed system with at its base a restricted Windows 10 IoT LTSC 2019 operating system. Windows 10 IoT Enterprise supports and host innovative capabilities including advanced protection against modern security threats, full flexibility of deployment and updating and support options.</p>	
Operating system (closed)	Microsoft Windows 10 IoT Enterprise LTSC 2019.
Integrated Firewall	Yes.
Windows security settings	All Windows Defender features enabled.
Security patches frequency (From SmartWorks MFP6.10, image v1.4.5)	At least monthly Windows Defender Updates approved and released by Global Scanning.
MS security flaws follow up / securitypatches	Standard Microsoft Security update approved and released by Global Scanning.
Antivirus	Windows Bitdefender.
Protected Administration Settings	Yes. System Administrator Settings can be password protected.
Access control	Yes. Enable Local User Accounts, or Active Directory User Accounts.
User Authentication for Scan / Copy	Yes. User Accounts require username and/or password.
Access Control User Levels	Yes. Set User Accounts level to either Power User or User.
Access Control User Privileges	Yes. Set different Privileges for Power User and User levels. Can also be set if no User Accounts are enable.
Disable USB drive	Yes. System Administrator can enable/disable the use of a USB drive.
Disable Protocols	Yes. System Administrator can enable/disable Email or Cloud connectivity.
Disable User/Power User Functionality	Yes. System Administrator can enable/disable ability to save Presets, select folder/network folder or change the scan filename.
Disable Power User Functionality	Yes. System Administrator can enable/disable ability to access Program Preferences, Printer Settings, Scanner Settings, File Settings or Preset Settings.
Disable Internet connection	Yes. Internet connection is only for Printer Help or Printer's web UI and the System Administrator can disable this.

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Disable Functions	Yes. System Administrator can enable/disable Home page functions.
Hide IP from User	Yes. IP address only visible to System Administrator.
Scan to	D:\ drive System Controller, network location (including Domains), FTP, Cloud (Dropbox) and email. Active Directory Home Folder if enabled.
Print from	D:\ drive System Controller, network location (including Domains), FTP, and Cloud (Dropbox). Active Directory Home Folder if enabled.
2-Step Verification support	Yes. Supported when using Cloud (E.g. Dropbox) and Email (E.g. Gmail) connectivity.
IPV6 / IPV4	IPV4 only.
SMB version for Scan to File	Up to SMB v3.
Data overwrite Secure file erase	No. It is possible to use Scan to Network folder, so no scan data resides on the System Controller.
Data encryption on the network	HTTP; TLS v1.2
Access to images in System Controller via network	Yes. HTTP.
Network Authentication Protocol	IEEE 802.1X
SNMP	N/A; The System Controller communicates with printer using direct IP connection
NTLM	V2.
Hard disk encryption	No.
Microsoft Azure IoT Services	Yes.
Service operation restriction	Yes. Only System Administrator.
Remove hard drive	No.
BIOS password	Yes
Disable command injection	Yes
Device Guard and Credential Guard	Yes
Encrypted user passwords	Yes
Official Microsoft website	Windows 10 Enterprise LTSC 2019
Touchscreen in place of System Controller option. Not supported in all regions, please contact your local supplier.	
Install SmartWorks MFP scanner software onto a customer's PC	Yes. Use Touchscreen and a locally provided PC in place of the System Controller. PC configuration is the responsibility of the customer.
Additional Antivirus	Yes. Use Touchscreen and a locally provided PC in place of the System Controller. PC configuration is the responsibility of the customer.

*Subject to change without notice and the information provided is to the best of our knowledge.