Product Enhancement Document PrimeLink C9065/9070 Firmware v85.31.31

Release Date: March 17, 2023   dc23rn4144

Software Release Details

Software	Version
System	85.31.31
Controller ROM	1.3.5
IOT	5.10.0
PF2.0 HCF	11.02
PF3.1 HCF	50.10.0
PF3.2 HCF	60.2.0
Finisher C	6.4.0
Finisher D	16.58.0
ADF	1.39.0
FAX	2.2.1
Panel	10.18.4
CDM	6.28.0
MiniHub	1.28.0
Booklet	2.0.0
Folder	2.0.0
TCBM	2.7.0
IP	0.26.0
Punch	2.0.0
Finisher-D Enh	30.73.0
TCBM2	2.5.0
Link to Software	**C9065/C9070**

Items in Red indicate new for this version

Plug-in Release Detail

VersaLink Card Reader Plug-ins v13	Version
Xerox USB Card Reader	3.0.11
Modernized CAC Smart card Service Plugin	3.0.0
GemNet Smart card Service	1.0.18
CCID Terminal Plug-in	1.2.1
TWN4 Card Reader Service	1.0.0

Contents

Firmware 85.31.31 (March 2023)

Below FER's and SFR's has been fixed in this release

- Support FIPS 140-3 Level 1:
  Added Support for FIPS 140-3 level encryption

- Support SMB 3.1.1:
  Support for SMB dialect v3.1.1 has been added due to security policies. SMBv3.1.1 is enabled by default.

- Adaptive CMYK Enhancements (UI & MIB):
  Added UI and MIB enhancements to support the Adaptive CMYK capabilities.

- Scan up to 5000 Impressions:
  The device now allows a user to enter the maximum stored pages number for scan job up to 5000 in Tools menu on LUI.

- FIPS Compliant SFTP:
  Support for FIPS compliant native version of the SFTP protocol has been added.

Firmware 85.21.23 (April 2022)

- With this version, XSS Vulnerability in WebUI (a cross site scripting issue) is fixed.
- With this version, after rebooting the device, Fiery startup pages will not get stuck in the device and will be printed properly.

Firmware 85.21.01 (February 2022)

Below FER's and SFR's has been fixed in this release

- Localized Name support:
  The Local User Interface of the device can now support names that use the special characters of more languages.
- SNMP/XDM Improvements:

  Device can support the setting of the following by SNMP:

    · SMTP server related settings
    · Xerox Support Information
    · System timeout settings (web UI/Local UI0
    · Mopria / AirPrint Setting
    · Power Saver Settings

      - Power Saver Timer Standby Mode to Low Power Mode

      - Power Saver Timer Low Power Mode to Sleep Mode

    · PCL Setting

      - Skip Blank Pages

- NIST 800-171 requirements met:
  The PrimeLink devices now meet all NIST 800-171 requirements, ensuring the confidentiality of controlled unclassified information (CUI), as required by the US Department of Defense, General Services Administration (GSA), NASA or other federal or state agencies' supply chain.
- TLS 1.3 with PFS supported:
  Transportation Layer Security (TLS) 1.3 protocol provides a new level of privacy and performance compared to previous versions of TLS. The TLS 1.3 protocol (RFC8446) is faster, more secure and removes some obsolete features in TLS 1.2. Perfect Forward Secrecy (PFS) employs the use of ephemeral keys to overcome a concern

raised by some security experts that static private keys, if compromised, would allow for decryption of previously recorded encrypted messages.

- Paper Catalog feature now supported in the embedded controller:
  The Paper Catalog feature, by which a customer can set up a list of alternative names for specific Paper-type/Paper-weight/Paper-size combinations has been extended to allow for use without the need for the external EFI Digital Front End. Please refer to the product System Administrator Guide for more information regarding enabling Paper Catalog.
- Updated Two-tray Oversize High-Capacity Feeder support from "PF3.5" to "PF3.5 Advanced"
- SFR Support Printing of Encrypted File(s) via EIP Pull Print Model:
  Supports the ability for the device to decrypt encrypted print jobs that are sent to the device when using the Print from URL app.
- SFR Display DUID for IPv6 on configuration report - V1.1.114:
  Addition of DHCP IPv6 Unique Identifier (DUID) to Configuration Sheet. The DHCP IPv6 Unique Identifier (DUID) in Link Layer format will be displayed on the printed configuration sheet when IPv6 is enabled. The DUID information is labeled "DUID (DHCP Unique Identifier)" under the Protocols heading. Additionally, the DUID identifier can be obtained from the EWS Configuration Report when IPv6 is enabled.

Firmware 85.7.03 (December 2021)

- With this version, after rebooting the device, Fiery startup pages will not get stuck in the device and will be printed properly.
  Note: This fix is not included in the firmware version 85.21.01 General release version alone.

Firmware 85.6.93 (October 2021)

- With this version, whenever the "xcmHrDevDetailUnit" OID is queried through SNMP commands, then, device will display the valid value for the Extra Long Sheets meter

Firmware 85.6.73 (September 2021)

- With this version, When Xerox standard accounting along with Fiery is configured, devices allow to track both user ID print counter and the Group Account ID

Firmware 85.6.63 (August 2021)

- With this version, Scanning the printer with NMAP will show TCP port 3000 as closed

Firmware 85.6.53 (June 2021)

- Scan to SMB is now successful when scanning to a Isilon server

Firmware 85.6.33 (June 2021)

- SIPRNet Plugins Upgrade: This release adds the ability to upgrade / downgrade the SIPRNet plugins from the Web UI via the System / Plugin Settings webpage. To install new SIPRNet plug-ins, upload the new plug-ins to the device and restart the device to activate. After the device has restarted, the old plug-ins will have been removed and the new plugins are activated.

Firmware 85.6.23 (April 2021)

- Improvements has been made into this release to reduce slow login issue and keyboard to enter the alternate login credentials will open very quickly.

Firmware 85.6.11 (March 2021)

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- New scanner CCD/CIS has been added to support new hardware

Firmware 85.6.3 (December 2020)

- Improvements to reduce DADF Feed Jam 005-141 when scanning larger number of originals. If excessive jamming still occurs after installing this release, contact Xerox Technical Support.

Firmware 85.5.93 (October 2020)

- Scan to Home is now successful when scanning to a Microsoft DFS and using Smartcard Authentication

Firmware 85.5.83 (September 2020)

- Scan to Home is now successful when scanning to a NetApp Filer/Appliance and using CAC/PIV/Smartcard Authentication
  Caveat: Scan to Home to Microsoft DFS fails with Smartcard Authentication

Firmware 85.5.53 (August 2020)

- EIP SNMP Web Service Improvement:

  Enabling only SNMP v3 on the device no longer impacts the use of the EIP SNMP Web Service

  Caveat: When using the EIP SNMP Client to write data, the SNMP v1/2 SNMP Set Community Strings must be the same on the printer and within the EIP SNMP Client otherwise an SNMP Timeout error will occur.

Firmware 85.5.41(October 2020)

- This firmware includes the addition of supporting new Finishing modules that are compliant with the IEC 63628 regulations. These regulations go into effect in 2021.
  (The new Software is also backward compatible with the current Finishing equipment.)
- Added support for eWire & Tape Binder finishing.
- CMYK+ Enhancements for Adaptive CMYK+ Vivid Process Controls

Firmware 85.5.31 (July 2020)

- By default, when a scan to email job is sent from PrimeLink C9065/C9070, the recipients email address gets cleared out. In the event the customer workflow would benefit by having the email address retained, the following SFR key should be applied.

Product	Enablement Key	Disablement Key
PrimeLink C9065/C9070	*1035149891	*1035149890

- Fixed an issue that allows the device to connect to the remote services when an expired certificate and a valid certificate is present.
- The Printer is displaying the correct login site when connected to Xerox App Gallery
- 19209 IOT needs to communicate Community Names and IP address to the DFE to fix 127-210 faults issues
- Added Image Orientation for Server Fax
- Modernized CAC Card Support with CAC/PIV Rollover
- This release provides the ability to search through all certificates on the card and attempt authentication with each valid certificate that supports smartcard login before communicating failure to the end-user.
- The plugin provides support for new Common Access Cards with reduced / realigned certificate profiles including:

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     a. A single certificate for each major PKI function: PIV-Auth for authentication, Signature for email and document signing, and Encryption for encryption.
- Addition of an asymmetric card authentication certificate (aCAK) for physical security.
- Elimination of the Identity certificate present on previous versions of the CAC card.

The following cards/tokens are now supported:

- Giesecke + Devrient Mobile Security FIPS201 SmartCafe Expert 7.0 with HID Global ActivID Applet v2.7.5
  ATR: 3b f9 18 00 00 00 53 43 45 37 20 03 00 20 46

- Gemalto TOP DL V2.1 128K with HID Global ActivID Applet v2.7.4
  ATR: 3B 7D 96 00 00 80 31 80 65 B0 75 49 17 0F 83 00 90 00

Installation Instructions

This file contains machine firmware and installation instructions. Unzip then download before attempting to install the firmware.