

D8.0 Xerox® AltaLink Product Enhancement Document Version 121.xxx.045.03600

Description of new features and enhancements to the products specified below.

Release Date: Feb 28, 2025

dc25rn1116

Product Model	System Software	Network Controller
AltaLink C8170	121.011.045.03600	121.011.03600
AltaLink C8145/55	121.010.045.03600	121.010.03600
AltaLink C8130/35	121.009.045.03600	121.009.03600
AltaLink B8145/B8155	121.013.045.03600	121.013.03600
AltaLink B8170	121.014.045.03600	121.014.03600
AltaLink C8270	121.040.045.03600	121.040.03600
AltaLink C8245/55	121.039.045.03600	121.039.03600
AltaLink C8230/35	121.038.045.03600	121.038.03600
AltaLink B8270	121.042.045.03600	121.042.03600
AltaLink B8245/55	121.041.045.03600	121.041.03600

Problem: Login using Convenience Authentication, Xerox Secure Access, or Xerox Workplace Cloud could result in failure to log in with “Remote Server has not responded” message

- Impacted Products: B81xx, C81xx, B82xx, C82xx, B625, C625, B620, C620, B415, C415
- Impacted Releases: 120.xxx.xx4.xxxx, 121.xxx.004.22720
- Solution: Fix is available in release 121.xxx.034.28900 or greater

Xerox Partner Solutions Compatibility issues on V118.xxx.033.10800 (and newer) (2nd Gen Browser Deprecation)

Caution: Loading Service Pack (R23-02) version 118.xxx.033.10800 (and newer) could potentially cause compatibility issues with older Xerox Partner Solutions versions. Issues include (but are not limited to):

- Incomplete information displayed in the device UI
- Problems with solution navigation functions such as scrolling, device lock up when attempting to enter data
- Failure to launch the solution at the device

The Xerox Extensible Interface Platform (EIP) is a software platform inside Xerox® AltaLink C81xx/B81xx MFPs that allows Xerox and Partner developers to create solutions. Beginning with software (firmware) version 118.xxx.033.10800 on AltaLink C81xx/B81xx devices, the second-generation version of the EIP browser was deprecated, leaving exclusive usage of the third-generation browser. The second-generation browser is being deprecated to advance our EIP technology in terms of security and industry standards.

The following list represents the most common Xerox Partner Solutions that may have compatibility issues with Device Firmware (Software) version V118.xxx.033.10800 (and newer). It is not intended to be a comprehensive list of all Solutions that could experience compatibility issues. You need to upgrade to the compatible version of your solution prior to installing this service pack.

Incompatible Partner Solution Version (and earlier)	Upgrade Path to Compatible Version
Kofax eCopy 5.x	EOL
Kofax Equitrac 5.x	Kofax Control Suite 1.2
Kofax AutoStore 7.6	Kofax Control Suite 1.2
Kofax Output Manager 4.2	Kofax Control Suite 1.2
Kofax eCopy 6.4	Kofax Control Suite 1.2
Kofax SafeCom 10.530	Kofax SafeCom G4 10.6.0 / Device Server 9.13
PaperCut MF 21	PaperCut MF 22
Pharos Beacon 3.70.30 / Beacon 5.3 Update 4	Pharos Beacon 3.76.14 / Beacon 5.3 Update 7
Ysoft SAFEQ 6	Ysoft SAFEQ 6.0.77
RSA Qdirect 6.0.1 / Qdirect Scan 2.2.3	RSA Qdirect 6.2.0 / Qdirect Scan 2.2.6

Contact your Partner Solution Provider to update your solution.

The following list of Partner solutions are compatible with the third-generation browser:

- Cleo Stream Server 7.4.3
- Kofax
 - Control Suite 1.2
 - Auto Store 8.2
 - Output Manager 5.2
 - Equitrac 6.2 ECSP
 - E-Copy 6.5 Fix Pack 2
 - Kofax Unified Client for Xerox – Equitrac 6.2, AutoStore 8.2, Output Manager 5.2
 - Kofax Combined Client for Xerox – AutoStore 8.2, Output Manager 5.2
 - Kofax Safecom G4 10.6
- LRS MFPsecure Agent 1.3 / VPSX
- OpenText XM Fax EIP V10
- Pharos Beacon 3.76.14 / Blueprint 5.3 Update
- PaperCut MF 22
- Ysoft SAFEQ 6.0.77
- RSA Qdirect 6.2.0 / Qdirect Scan 2.2.6

Notes:

- The latest versions of Xerox Workplace Cloud and Xerox Workplace Suite support the third-generation browser and, thus, are not affected.
- If you load Service Pack (R23-02) version **118.xxx.033.10800 (and newer)** and experience compatibility issues, you need to upgrade your Partner Solution to a compatible version or downgrade your device's software(firmware) to a version that supports the second-generation browser. Firmware (Software) Version 114.xxx.053.10410 supports the second-generation browser and is available at the following link: [114.xxx.053.10410 Release Notes](#)
- You should disable automatic software update thru the device's Embedded Web Service to ensure you remain on device firmware(software) version 114.xxx.053.10410 or earlier until you upgrade your solution to a version that is compatible with the third-generation browser. Once you upgrade your solution to a version that is compatible with the third-generation browser, you may re-enable automatic software upgrade.

Contents

Firmware 121.xxx.045.03600 (D8.0 SPAR Release) R25-02 - Feb 2025	4
1. Security	4
2. Smartcard Kerberos Authentication now supports USB PIV Security tokens such as Yubikey PIV.....	4
3. Authentication to Cloud Identify Provider (IdP) now supports using Smartcard.....	4
4. Authentication to Cloud Identify Provider (IdP) now supports using USB Security Token	4
Firmware 121.xxx.034.28900 (D8.0 SPAR Release) R24-10 - Oct 2024.....	4
1. Security	4
2. Various Bug Fixes.....	5
Firmware 121.xxx.004.22720 (D8.0 General Release) Sept 2024	5
1. Security Made Simple	5
2. Workflow Automation.....	5
3. Supporting Accessibility with Assistive Technology	5
Firmware 120.xxx.003.20000 (D7.8 General Release) Sept 2023	5
1. Features	5
2. Various Bug Fixes.....	6
Firmware 119.xxx.023.13000 (D7.7.1 General Release) July 2023	6
1. Features	6

Latest release information:

Firmware 121.xxx.045.03600 (D8.0 SPAR Release) R25-02 - Feb 2025

1. Security

This is a Service Pack release that includes a security enhancement for the AltaLink and VersaLink products to mitigate Cross Site Scripting (XSS), Remote Code Execution (RCE), Broken Access Control, and Local Privilege Escalation.

2. Smartcard Kerberos Authentication now supports USB PIV Security tokens such as Yubikey PIV.

Users can now login using either a smartcard or a USB PIV Security token, such as Yubikey PIV, when the device is configured for on-premise Smartcard (Kerberos) Authentication and does not require any unique configuration settings.

The “Smartcard” option in the Login Methods / Control Panel Login pulldown list has been changed to “Authentication Tokens” to reflect the use of Smartcards and USB security tokens.

Note: User interface messaging is updated to reflect “Authentication Tokens” to be consistent with the industry. “Authentication tokens” include Smartcards and USB security tokens which are also commonly referred to as a security token, security key or passkey.

Note: Use of USB Security tokens which plug into the front USB port (such as Yubikey) REQUIRE the installation of the USB Token Hub kit. Contact Xerox Sales for obtaining these kits.

3. Authentication to Cloud Identify Provider (IdP) now supports using Smartcard

Authentication to Cloud Identify Provider (IdP) now supports using Smartcard via certificate-based authentication (CBA).

Users can now login to an IdP using their smartcard by selecting certificate-based authentication (CBA) when prompted on the IdP login screen.

This can be configured by setting “Control Panel Login” to “Identity Provider (IdP) – Validate on Cloud”. Corresponding enablement is required on the Customer IdP to enable CBA.

4. Authentication to Cloud Identify Provider (IdP) now supports using USB Security Token

Authentication to Cloud Identify Provider (IdP) now supports using USB Security Token via FIDO2 interface.

Users can now login to an IdP using their FIDO2 USB security token, such as Yubikey, by selecting FIDO2 when prompted on the IdP login screen.

This can be configured by setting “Control Panel Login” to “Identity Provider (IdP) – Validate on Cloud”. Corresponding enablement is also required on the Customer IdP to enable FIDO2.

Note: User interface messaging is updated to reflect “Authentication Tokens” to be consistent with the industry. “Authentication tokens” include Smartcards and USB security tokens which are also commonly referred to as security token, security key or passkey.

Note: Use of FIDO2 USB Security tokens which plug into the front USB port (such as Yubikey) REQUIRE the installation of the USB Token Hub kit on all devices. Contact Xerox Sales for obtaining these kits.

Firmware 121.xxx.034.28900 (D8.0 SPAR Release) R24-10 - Oct 2024

1. Security

- This update resolves multiple security vulnerabilities including Broken Access Control, Authentication, and Port Permissions

2. Various Bug Fixes

- Added ability to disable USB Type B port.

Firmware 121.xxx.004.22720 (D8.0 General Release) Sept 2024

1. Security Made Simple

- **Server-less card authentication** where customers can utilize cards and card readers without the need for a solution and a server.
- **EIP Authentication** allows EIP developers to create a ConnectKey app that can be configured as the blocking screen for the device. Once configured, the ConnectKey app fully assumes the responsibility of authenticating and authorizing users, or it can leverage device authentication / authorization configuration.
- **Security Templates** are available to simplify the security configuration process. A template can be selected during the installation process or modified later through the Embedded Web Server (ESW). The templates available are Default, Elevated and High.
- **Secure Print with Microsoft Universal Print** Universal Print now supports the option to send jobs with a Secure Print PIN that is encrypted with the job. These jobs align with the Device Policies and Defaults settings that the device administrator can set in the "Secure Print" section of the Embedded Web Server (EWS).
- **Secure Release with Microsoft Universal Print** where the walk-up user authenticates with the device and their secure print jobs are available to print without entering a pin.

2. Workflow Automation

- **Metadata for Scan To** enables the 'Scan To' app the ability to apply metadata as part of the scan job.
- **Scan To Print** within the 'Scan To' app, now allows you to select "Print Scanned Document" as a destination for a multi-destination scan.

3. Supporting Accessibility with Assistive Technology

- **Updated Touchscreen Interface** supports zoom and pan to allow the user to zoom via pinch/zoom gestures.
- **Touchscreen keyboard navigation** which allows users to navigate and operate the touchscreen via an attached USB keyboard.
- **Speech output** that works in conjunction with the keyboard to enable the user to navigate through the touchscreen and in return receive audible sounds for the information displayed on screen (i.e., Print, Copy, Scan To).
- **Updated Embedded Web Server guest pages** that meet Web Content Accessibility Guidelines (WCAG) success criteria.

Firmware 120.xxx.003.20000 (D7.8 General Release) Sept 2023

1. Features

- **Enables Managed Print Services:** Xerox® Atlantis based MFPs support a wide variety of managed print and services ready offerings. The features below are targeted at supporting the Xerox® Managed Print services and other Xerox® remote management offerings.

- **Fax Remote Configuration:** By adding full remote configuration support for fax features on the Atlantis controller, all future Atlantis based products shall support the ability to fully configure fax via the Xerox® Easy Assist app, XDM, CWW, and any other supported remote configuration tool.

2. Various Bug Fixes

- Rolling reboot issue has been corrected.

Firmware 119.xxx.023.13000 (D7.7.1 General Release) July 2023

1. Features

- **Embedded Web Server and Touchscreen Style Updates:** The Next Generation User Interface style continues to advance. These advancements address customer and design concerns, as well as improvements to intuitiveness and simplification. In this Atlantis release, advancements have been made to the Embedded Web Server and the Touchscreen styles, thus improving the overall user experience.
- **Deprecate Internet Fax:** The Internet Fax feature has been deprecated. Through analysis of data pushes and overall feedback from the field, Internet Fax is rarely used, thus, maintaining the feature costs Xerox® money and resources. Hence, deprecation makes economic sense.
- **Xerox® PSA for Microsoft® Universal Print:** Microsoft® has added support for Printer Support Apps (PSA) to their Universal Print offering. The PSA offers the ability to expose advanced print settings for Universal Print users. Thus, when the user selects "Print Properties" on a Universal Print job, the Xerox® PSA loads and offers the same enhanced, fully featured, Xerox® branded user experience as the Xerox® v4 print driver. This new functionality solves complaints where customers cannot access advanced print features with Universal Print
- **Xerox® Easy Assist App:** The Xerox® Easy Assist mobile app helps customers install, configure, and maintain supported Xerox® devices. The latest Atlantis firmware fully support the Xerox® Easy Assist app, thus simplifying the overall installation of a new Xerox® device. For more information on the Xerox® Easy Assist app, search for "Xerox® Easy Assist" in the Apple and Google Play stores.

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