

SmartCard CAC-PIV Plugin Readme

Xerox® VersaLink®

Firmware xx.55.51

Plug-in: SmartCard CAC/PIV Plugins

Release Date March 11, 2020

Plugin Release Details

SmartCard CAC-PIV Plugins	Version
CCID Terminal Plugin	1.0.0
Modernized_CAC_Smartcard_Service_Plugin	1.0.0

Note: These plugins require system firmware version xx.55.51 or later to provide all functionality.

Products SPAR Release xx.55.51 (Click on product name to access software)	System	Controller ROM	Products Bridge Version xx.54.21 (Click on product name to access software)	System
Xerox® VersaLink® B400	37.55.51	1.65.2	Xerox® VersaLink® B400	37.54.21
Xerox® VersaLink® B405	38.55.51	1.65.2	Xerox® VersaLink® B405	38.54.21
Xerox® VersaLink® C400	67.55.51	1.65.2	Xerox® VersaLink® C400	67.54.21
Xerox® VersaLink® C405	68.55.51	1.65.2	Xerox® VersaLink® C405	68.54.21
Xerox® VersaLink® B600/B610	32.55.51	1.65.2	Xerox® VersaLink® B600/B610	32.54.21
Xerox® VersaLink® B605/B615	33.55.51	1.65.2	Xerox® VersaLink® B605/B615	33.54.21
Xerox® VersaLink® C500/C600	61.55.51	1.65.2	Xerox® VersaLink® C500/C600	61.54.21
Xerox® VersaLink® C505/C605	62.55.51	1.65.2	Xerox® VersaLink® C505/C605	62.54.21
Xerox® VersaLink® C7000	56.55.51	1.65.2	Xerox® VersaLink® C7000	56.54.21
Xerox® VersaLink® C7020/7025/7030	57.55.51	1.65.2	Xerox VersaLink C7020/7025/7030	57.54.21
Xerox® VersaLink® B7025/7030/7035	58.55.51	1.65.2	Xerox VersaLinkB7025/7030/7035	58.54.21
Xerox® VersaLink® C8000/C9000	70.55.51	1.65.2	Xerox® VersaLink® C8000/C9000	70.54.21

Please Read First

This release note provides access to a new plugin and required firmware to support the plugin. Before upgrading to the required firmware, **you must** be sure the device has the bridge release installed (xx.54.21). If you attempt to install the new firmware on anything older than the bridge release, it will fail and you will need to power the device off and back on.

A link to the bridge release for each model is provided for your convenience.

I. Fixes/Features new in xx.55.51 / plugin

1) Dual Persona CAC/PIV Rollover

Firmware version xx.55.51, or newer, provides the ability to support multiple persona CAC cards, enabling the ability to search through all certificates on a card and attempt authentication with each valid certificate that supports smartcard logon before communicating failure to the end user.

2) Modernized CAC Cards Support

The Modernized CAC card plugin provides support for new Common Access Cards with reduced / realigned certificate profiles including:

- 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.

3) Added card/token support.

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

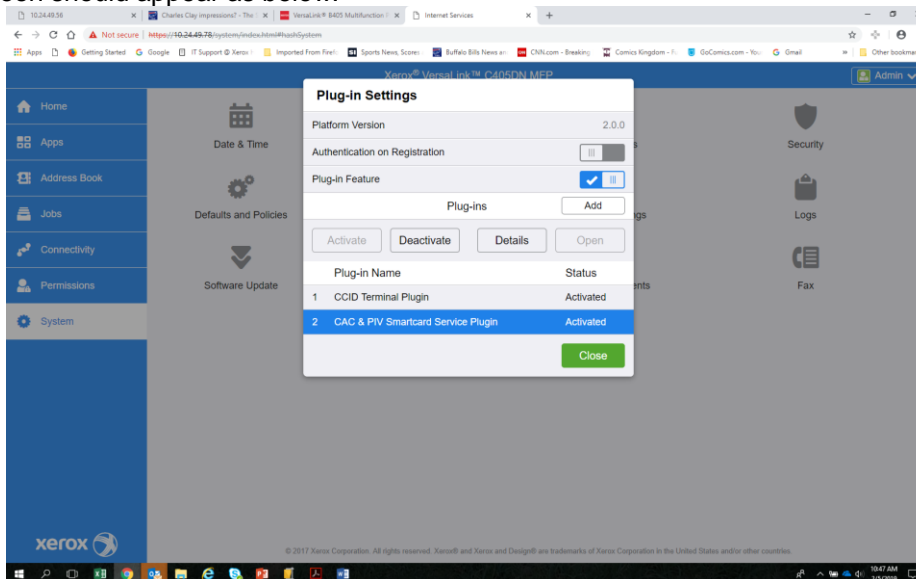
II. Plugin Installation Instructions

Prerequisites to installing the Plugins

Note: Device must have xx.55.51 firmware or later installed.

- 1) Extract all files from the zip file to a convenient location on your computer.
- 2) On the device webpage, select **Log In**, and then log in to the device as **Admin**.
- 3) Select **System**.
- 4) Select **Plug-in Settings**

The screen should appear as below:



- 5) If there are any existing CAC/PIV or CCID Terminal plugins “Activated” (eg: CAC & PIV Smartcard Service Plugin_v0.9.2_sig), you must select the plugin and select “**Deactivate**” and then reboot. (Go to the **Home** page, and then the **Support** quick link to restart the device).
- 6) Select any deactivated plugins, select “**Details**”, and select “**Delete**”.

Install New Plugins

- 1) Select **Add** and install both of the new Plug-ins below:
 - CCID_Terminal_Plugin-1.0.0_sig.jar.enc
 - Modernized_CAC_Smartcard_Service_Plugin-1.0.0_sig.jar.enc
- 2) Select **OK**.
- 3) Connect the USB CAC/PIV Smart Card reader to the VersaLink device at this time
- 4) Restart the device to activate the new plugin. (Go to the **Home** page, and then the **Support** quick link to restart the device).

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