

# USB Card Reader Plugin Guide

## Xerox® PrimeLink® Series

### Purpose

PrimeLink® Series products include an extensible Plug-in feature that must be enabled to leverage USB Card Readers for Smart Card or Xerox Secure Access Authentication (aka Convenience Authentication) use.

System Authentication	Plug-in Feature must be enabled?	Plug-in(s) must be obtained from Xerox.com?	Plug-in(s) must be activated?	Plug-in Name
Local, Network	No	No	No	N/A
Xerox Secure Access	Yes	Yes	Yes	USB Card Reader (Generic_CardReader.jar)
Smart Card Authentication CAC/PIV	Yes	Yes	Yes	CCID Terminal Service (CCID_Terminal_Plugin_v0.9.5_sig.jar) CAC & PIV Smartcard Service (Installed at Manufacturing)
Smart Card Authentication .NET	Yes	Yes	Yes	CCID Terminal Service (CCID_Terminal_Plugin_v0.9.5_sig.jar) GemNetSmartCardService (GemNetSmartCardService-1.0.18.jar)

Table 1.0

### Activating the Plug-in Feature

To use any Plug-in, the Plug-in Feature itself must be enabled:

1. On the device webpage, select **Log In**, and then log in to the device as **Admin**.
2. Navigate to **[Properties] - [Security] - [Plug-in Settings]**
3. Check the **Embedded Plug-ins Enabled** box
4. Click the **[Apply]** button.
5. Click **Reboot Device** to restart the device and **apply** the changes.

### Xerox Secure Access

Xerox Secure Access Authentication (aka Convenience Authentication) card readers are typically magnetic stripe card readers or proximity (RFID) card readers.

To use a USB connected card reader in combination with Xerox Secure Access Authentication, PrimeLink® devices require the installation of a USB Card Reader Plug-in.

Xerox Secure Access Authentication requires the **Generic\_CardReader.jar** plugin.

Supported USB Card Readers for the PrimeLink Series Multifunction Printers include:

Elatec TWN4 MultiTech -P, Elatec TWN4 LEGIC NFC-P, Elatec TWN4 MultiTech –PI Proximity, Elatec TWN3 HID Prox, Elatec TWN3 Multi ISO Proximity, Elatec TWN3 Legic, Elatec TWN3 Multi 125, Elatec TWN Inditag, Elatec TWN iClass, OMNIKEY HID 5427, ID Tech Mini Mag 2, RF Ideas RDR-6081-AKU and RDR-6281-AKU,

RF Ideas Mag Stripe Reader, YSoft 125Khz ASK FSK, YSoft Legic Advant, MagTek Mag Stripe, Honeywell 3800, Motorola DS9208, Motorola DS457.

## Xerox Secure Access Plugin Instructions

1. Extract all files from the zip file to a convenient location on your computer.
2. Open a web browser and connect to Embedded Web Server by entering the following URL: https://[enter device IP address]/
3. Click on the **[Properties]** tab - (If prompted to log in, enter System Administrator credentials).
4. Navigate to **[Security] - [Plug-in Settings]- [List of Embedded Plug-ins]**
5. Select **Upload**.
6. Click **Browse** and navigate to the location of the **Generic\_CardReader.jar** file you previously extracted from the .zip file.
7. Select the file, then click **Open** and then **Upload**.
8. Connect your USB Xerox Secure Access card reader device at this time.
9. To activate the plug-in, click **Status** tab, then select **Reboot Device**
10. When the system is back online return to the **[List of Embedded Plug-ins]** page and ensure that the **USB Card Reader** plug-in is **Activated**.
11. You can now select and configure Xerox Secure Access through the device webpage (See your System Administrator Guide for details)

## Smart Card Authentication Plugin Instructions

Smart Card Authentication card readers activate integrated circuits embedded within the cards. These integrated circuit (IC) cards are usually inserted into the reader to provide power to the circuit.

To use a USB connected card reader in combination with Xerox Smart Card Authentication you must install and activate a Plugin-in specific to the type of Smart Card that will be used.

When installing a plugin that is not listed under the “List of Embedded Plug-ins” you need to use the **Upload** button described in the instructions provided.

When updating an existing plugin you need to use the **Update** button described in the instructions provided.

Supported Smart Card types include:

- CAC/PIV Smart Cards
- .NET Smart Cards

## CAC/PIV Smart Card Authentication Plugin Instructions

NOTE: Make sure that the following plugins are de-activated prior to performing an update.

- CCID Terminal Plugin
- CAC & PIV Smartcard Service Plugin

1. Extract all files from the zip file to a convenient location on your computer.
2. Open a web browser and connect to Embedded Web Server by entering the following URL: https://[enter device IP address]/

3. Click on the **[Properties]** tab - (If prompted to log in, enter System Administrator credentials).
4. Navigate to **[Security] - [Plug-in Settings]- [List of Embedded Plug-ins]**
5. Select the **CCID Terminal Plugin** and select **Upload/Update**.
6. Click **Browse** and navigate to the location where you previously extracted the bundled.zip file.
7. Select the **CCID\_Terminal\_Plugin** file, then click **Open** and then **Upload/Update**.
8. Repeat steps 4 through 7 for the **CAC & PIV Smartcard Service Plugin** file.  
*Please note that you should always update to the latest available version of a Plugin if one is made available.*
9. Connect your USB CAC/PIV Smart Card reader device at this time.
10. To activate the plug-ins, click **Status** tab, then select **Reboot Device**.
11. When the system is back online return to the **[List of Embedded Plug-ins]** page and ensure that the two plug-ins are **Activated**.
12. You can now select and configure Smart Card Authentication through the device webpage.  
 (See the Common Access Card for Xerox® PrimeLink® Printers System Configuration Guide found on <https://www.support.xerox.com/>).

## .NET Smart Card Authentication Plugin Instructions

NOTE: Make sure to de-activated the following plugins before attempting to perform an update.

- CCID Terminal Plugin
- GemNetSmartCardService Plugin

1. Extract all files from the zip file to a convenient location on your computer.
2. Open a web browser and connect to Embedded Web Server by entering the following URL:  
[https://\[enter device IP address\]/](https://[enter device IP address]/)
3. Click on the **[Properties]** tab - (If prompted to log in, enter System Administrator credentials).
4. Navigate to **[Security] - [Plug-in Settings]- [List of Embedded Plug-ins]**
5. Select the **CCID Terminal Plugin** and select **Upload/Update**.
6. Click **Browse** and navigate to the location where you previously extracted the bundled.zip file.
7. Select the **CCID\_Terminal\_Plugin** file, then click **Open** and then **Upload/Update**.
8. Repeat steps 4 through 7 for the **GemNetSmartCardService Plugin** file.

*Please note that you should always update to the latest available version of a Plugin if one is made available.*

9. Connect your USB .NET Smart Card reader device at this time.
10. To activate the plug-ins, click **Status** tab, then select **Reboot Device**.
11. When the system is back online return to the **[List of Embedded Plug-ins]** page and ensure that the two plug-ins are **Activated**.
12. You can now select and configure Smart Card Authentication through the device webpage.  
 (See your System Administrator Guide for details)