What is PIN Authentication?

**Note** – PIN is an abbreviation for personal identification number.

PIN Authentication is a method of controlling the usage of certain features from the front control panel of select MFP devices. PIN is one authentication method that Administrators can use to configure how users access these certain MFP features. Depending upon which features are enabled, the user may be required to enter a PIN code to access one or more features. The primary use for PIN Authentication is to limit/lock out the ability to make color copies.

How does it work?

To access the EWS, open a supported browser and enter the IP address of your MFP as the URL address.

Select the Settings tab and then the Authentication Manager menu on the left navigation bar.

![Authentication Manager](image)

Set the Device Functions that require users to succeed

- Home Screen Access
- Log In As Walk Up

Set the Security level
- Public

Set the Date Written/Updated
- 1/19/06

Set the Document Summary
- This document describes how to set up PIN authentication for Copying, Emailing, and Faxing.
- PIN authentication is introducing with the following firmware versions:
  - HP LaserJet 9050mfp, 9040mfp, Color LaserJet 9500mfp – 8.041.8
  - HP LaserJet 4345mfp – 9.041.8
  - HP Color LaserJet 4730mfp – 46.111.8
  - HP Digital Sender 9200c – 09.0041.7

![PIN Authentication](image)
Authentication Manager allows customers to choose different authentication methods for each function installed on their devices.

Each function can be individually configured to require one of the authentication methods. The list, shown at the bottom of Figure 1, identifies the authentication methods available for this particular MFP. Each function can be associated with any of the authentication methods.

**Figure 1**

### Authentication Manager

Set the Device Functions that require users to successfully log in before use. Each function can require a different Log In Method.

<table>
<thead>
<tr>
<th>Home Screen Access</th>
<th>Log In Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log In At Walk Up</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Device Functions</th>
<th>Log In Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copy</td>
<td>None</td>
</tr>
<tr>
<td>Color Copy</td>
<td>None</td>
</tr>
<tr>
<td>Send to E-mail</td>
<td>None</td>
</tr>
<tr>
<td>Send to Fax</td>
<td>None</td>
</tr>
<tr>
<td>Send to Folder</td>
<td>None</td>
</tr>
<tr>
<td>DSS Secure Email</td>
<td>None</td>
</tr>
<tr>
<td>DSS Workflow</td>
<td>None</td>
</tr>
<tr>
<td>test</td>
<td>None</td>
</tr>
<tr>
<td>AutoStore Send To FTP</td>
<td>None</td>
</tr>
<tr>
<td>Send to Documentum</td>
<td>None</td>
</tr>
<tr>
<td>Send to SharePoint</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Future Installations</th>
<th>Log In Method</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>HP Digital Send Service (if available)</td>
</tr>
<tr>
<td></td>
<td>Group 1 PIN</td>
</tr>
<tr>
<td></td>
<td>Group 2 PIN</td>
</tr>
<tr>
<td></td>
<td>LDAP</td>
</tr>
<tr>
<td></td>
<td>Kerberos</td>
</tr>
</tbody>
</table>

Select Group 1 PIN or Group 2 PIN to control a function using a PIN code. Make sure to select Apply in the lower right-hand corner to update the MFP.

Each feature, when enabled, can be set up to require the end user to choose a Group 1 PIN or Group 2 PIN. Both numbers are defined by the administrator.
**Caution:** If Color Copy Authentication is required, make sure the default Copy Mode for the MFP is set to Black Copies to avoid conflicts. Menu>Configure Device>Copying>Color Mode>Black Copies

As seen in Figure 1, an authentication method can be assigned for walk-up user access and/or for future installations of new functions.

**Figure 2.**

**Setting up and defining two PINs:**

Enter the EWS to define an authentication PIN, which will be required to enter the EWS. Select the Settings tab and then the PIN Authentication menu on the left. (Figure 2)

Enter a unique numeric Group 1 PIN and confirm the PIN by entering it again. If two PINs are required, enter a new code for the Group 2 PIN and confirm it.

Select Apply in the lower right-hand corner.

- 1 to 9 numeric values can be used for each Group PIN.
PIN Authentication using the control panel of the MFP.

Note – Once a feature is selected that requires a PIN, a screen appears that prompts for a PIN. Press the PIN: button to display a keyboard to enter the appropriate code. The numeric keypad to the right of the display is not activated for use with PIN entry.

Figure 3.

User wants to make a color copy.
User touches the Color Copies radio button.
User touches the PIN: button to display a keyboard.
User enters numeric PIN code and touches OK.
User again touches OK.
If PIN number is accepted, user can choose **Color Copies**.

If the user touches E-mail, Fax or Folder, the **PIN required** dialog box appears.

User continues in the same manner as accessing color copies.

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**Document Attributes**

**Product Models and Product Numbers:**
- HP Color LaserJet 9500mfp – C8549A
- HP LaserJet 9040mfp – Q3726A
- HP LaserJet 9050mfp – Q3728A
- HP LaserJet 4345mfp – Q3942A
- HP Color LaserJet 4730mfp – Q7517A
- HP Digital Sender 9200c – Q5916A