How to install and configure the PIV Omnikey reader

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Procedure Steps

Install the OmniKey drivers:

1) Run the driver installation package, located on the OnGuard Supplemental DVD at one of the following locations, depending on the OmniKey reader model:

Credential Center Device Drivers\Omnikey\CardMan3x21_V1_1_2_4.exe
Credential Center Device Drivers\Omnikey\CardMan5x21_V1_1_2_4.exe

2) Connect the OmniKey reader to the computer's USB port.

3) Install the OmniKey reader by following the steps in the Windows connection wizard.

In FormDesigner, map the fields:

1) When you log into FormsDesigner, select "Cardholder" from the Open Form window.

2) Right-click on the **Last Name** text field and then select "Last Name" in the **PIV** drop-down on the **Field Settings** tab.

3) Right-click on the **First Name** text field and then select "First Name" in the **PIV** drop-down on the **Field Settings** tab.

4) Right-click on the **Middle Name** text field and then select "Middle Initial" in the **PIV** drop-down on the **Field Settings** tab.

5) On the **Badge** tab, right-click on the **Badge ID** field and then select "Agency Code + System Code + Credential #" in the **FASC-N** drop-down on the **Field Settings** tab.

6) Right-click on the **Deactivate Date** field and then select "Card Expiration Date" in the **PIV** drop-down on the **Field Settings** tab.

7) Save the form with the **Save cosmetic (user interface) changes only. Data is not affected. (Fastest)** radio button selected.

8) Log out of FormsDesigner.

In System Administration, configure the workstation:

1) From the **Administration** menu, select **Workstations**.

2) Select the Encoders/Scanners tab and then click [Add].

3) In the **Name** field, type the name of the encoder, for example, "OmniKey Encoder".

4) **Workstation** should be the name of the server.

5) In the **Device type** drop-down, select "PC/SC Encoder."

6) In the **Credential Technology** drop-down, select "Contact Smart Chip."

Add the badge:
1) From the **Administration** menu, select **Cardholder**.

2) Select the Badge tab.

3) Click [Search] to locate the cardholder.

4) Click [Modify].

5) Click [Import].

6) In the **Select Import Source** screen, select the source named "PIV Card", which will have the OmniKey device listed with a status of **Online**.

7) In the **PIN** field, type the PIN number: 123456.

8) Click [OK].

Applies To

OnGuard (All versions)

Additional Information

None