How to Set Up the Sagem Morpho MSO 350

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Procedure Steps

The MorphoSmart Optic 350 PIV reader (MSO 350) is used for fingerprint identification for access control for FIPS 201.

Install the MSO 350 driver:

1) The driver can be found on the Supplemental Materials disc. Run the setup.exe file, located here: **\Credential Center Device Drivers\Sagem Morpho\MSO Driver 2.41.22.1\setup.exe**

2) Connect the MSO 350 PIV reader to a USB port. Windows will detect and install the drivers.

Configure the appropriate fields in FormsDesigner.

3) After logging into FormsDesigner, select **Cardholder** from the Open Form window.

4) On the Cardholder tab, map the following fields from the Field Settings window by right-clicking on the field, then clicking **[OK]**:
- Last Name
- First Name
- Middle Name
- Cardholder ID

5) Right-click on the **Badge ID** field and select **Agency Code + System Code + Credential #** in the **FASC-N** drop-down.

6) Right-click on the **Deactivation Date** field and select **Card Expiration Date** in the **PIV** drop-down.

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

8) Log out of FormsDesigner.

Configure the workstation in System Administration.

9) From the **Administration** menu, select **Workstations**. On the **Encoders/Scanners** tab, click **[Add]**.

10) In the **Name** field, type the name of the encoder (for example, **MSO350 Encoder**).

11) In the **Workstation** field, enter the workstation to which the MSO350 PIV is connected. The drop-down list contains only workstations that have been configured on the **Workstations** tab.

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

13) In the **Credential Technology** drop-down, select **Contact Smart Chip**. The **Supported applications:** area will automatically populate with **Credential Agent, GSC Cartographer, Offline Guest** and **Windows(R) Certificate User**.

14) On the **Location** sub-tab, select the **This is a standalone device attached to this workstation (name of workstation)** radio button.

15) On the **Communications** sub-tab, select **SAGEM SA SAGEM SMART CARD READER 0** from the **PS/SC device:** drop down list.

Import the badge information.

16) From the **Administration** menu, select **Cardholders**.

17) On the Badge tab, click **[Search]** to locate the cardholder.

18) Click **[Modify]**.

19) Click **[Import]**. Select **PIV Card MSO350 Encoder**.

20) Type the PIN for the card.

21) Click **[OK]**. The card information will be imported into the Cardholder form.

Applies To

OnGuard (All Versions)
Third Party Hardware

Additional Information

None