



HP Point of Sale (POS) Peripherals Configuration Guide – ap5000 MSR (OPOS)

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1 HP Point of Sale Peripherals

1.1 HP ap5000 MSR (Magnetic Stripe Reader)



1.1.1 Connection

The MSR on the HP ap5000 system is integrated into the system which is connected internally via serial interface; default is COM4. There is no user connection required for this device.

	ap5000 MSR
Port	COM4
Baud Rate	19200
Data Bit	8
Parity	None
Stop Bit	1
Flow Control	Hardware

1.1.2 Windows Drivers for the HP ap5000 MSR

Windows operating system supports serial port COM4, so no extra drivers are needed to be installed.

1.1.3 OPOS Drivers for the HP ap5000 MSR

The HP ap5000 OPOS drivers can be found on the “HP Point of Sale System Software and Documentation CD”. On the HP POS factory image the drivers are installed in the image, for reference the drivers are located “C:\xxxxx\Point of Sale\ MSR HP ap5000\ap5000 MSR OPOS” sub-directory.

1.1.4 Testing HP ap5000 MSR

1.1.4.1 Testing HP ap5000 MSR in OPOS mode

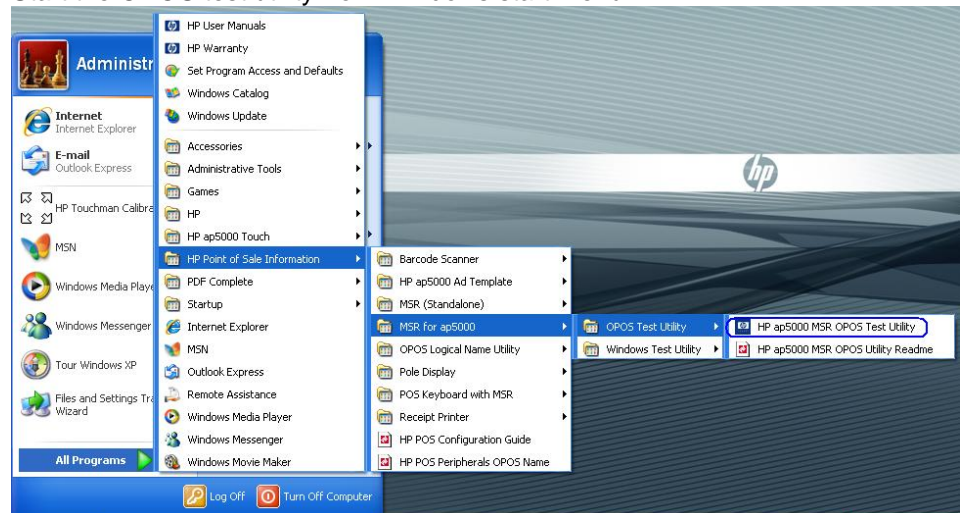
The following is overview of the steps to test the ap5000 MSR followed by details steps:

1. Start the OPOS test utility from Windows start menu.

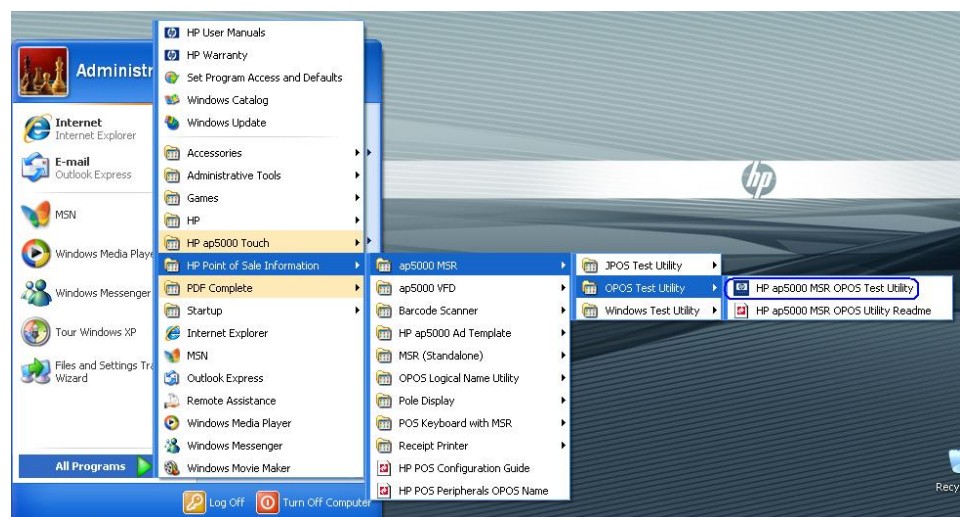
2. Click on the “OPEN” button to start the test, should receive “Open Success” status message.
3. When one swipes a valid card in the ap5000 MSR data should appear in the test utility. The “x” represent will be replaced by the data that is read from the card that is swiped.
4. To exit the application:
 - a. Click “CLOSE” button.
 - b. Click on “X” in the upper right hand corner to close the test applet.

Detail Steps

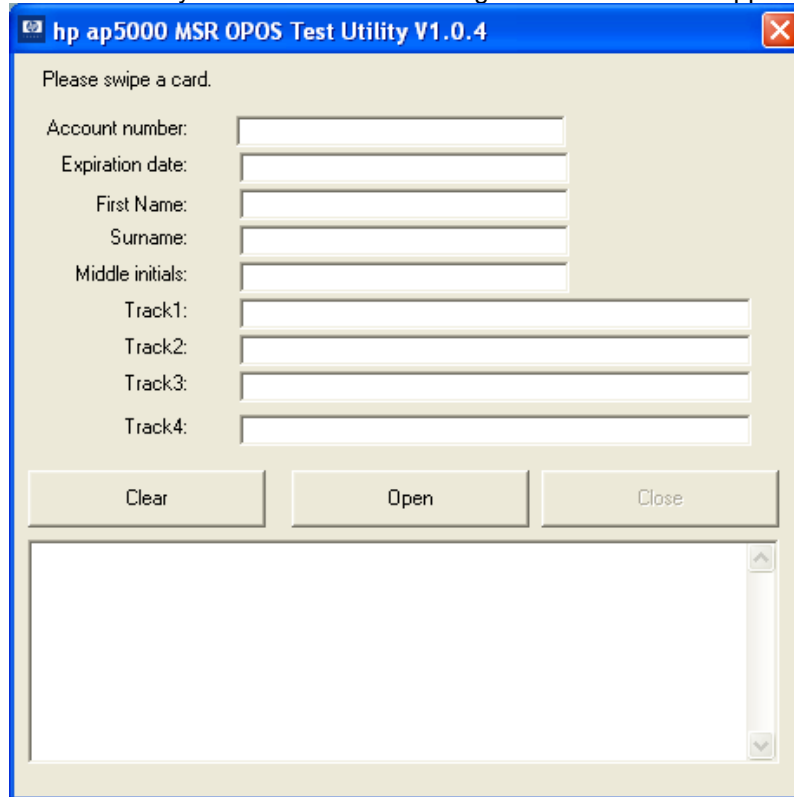
1. Start the OPOS test utility from Windows start menu.



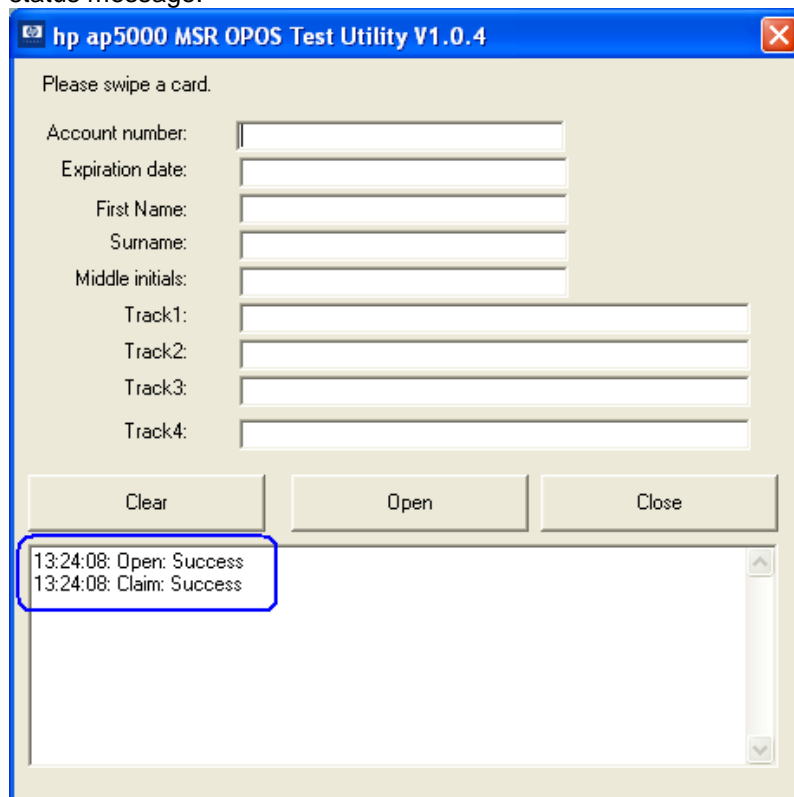
or



When the utility is launched the following is the GUI that will appear:



2. Click on the “OPEN” button to start the test, should receive “Open Success” status message.



3. When one swipes a valid card in the ap5000 MSR data should appear in the test utility. The "x" represent will be replaced by the data that is read from the card that is swiped.

The screenshot shows a Windows application window titled "hp ap5000 MSR OPOS Test Utility V1.0.4". The window has a blue title bar with a close button in the top right corner. The main area is a light beige color. At the top, it says "Please swipe a card." Below this, there are several input fields for card data: "Account number:" (with a placeholder of 15 'x's), "Expiration date:" (with "1301"), "First Name:" (with "YOU"), "Surname:" (with "A"), "Middle initials:" (with "GIFT FOR"), "Track1:" (with "Bxxxxxxxxxxxxxx^A GIFT FOR YOU/ ^13xxxxxxxxxx"), "Track2:" (with "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx"), "Track3:" (empty), and "Track4:" (empty). Below these fields are three buttons: "Clear", "Open", and "Close". At the bottom of the window is a log area with a scrollbar, containing the following text: "13:24:08: Open: Success", "13:24:08: Claim: Success", and "13:24:33: DataEvent Count: 1".

hp ap5000 MSR OPOS Test Utility V1.0.4

Please swipe a card.

Account number: xxxxxxxxxxxxxxxxx

Expiration date: 1301

First Name: YOU

Surname: A

Middle initials: GIFT FOR

Track1: Bxxxxxxxxxxxxxx^A GIFT FOR YOU/ ^13xxxxxxxxxx

Track2: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Track3:

Track4:

Clear Open Close

13:24:08: Open: Success
13:24:08: Claim: Success
13:24:33: DataEvent Count: 1

4. To exit the application:
 - a. Click "CLOSE" button.
 - b. Click on "X" in the upper right hand corner to close the test applet.

hp ap5000 MSR OPOS Test Utility V1.0.4

Please swipe a card.

Account number:

Expiration date:

First Name:

Surname:

Middle initials:

Track1:

Track2:

Track3:

Track4:

Clear Open Close

13:24:08: Open: Success
13:24:08: Claim: Success