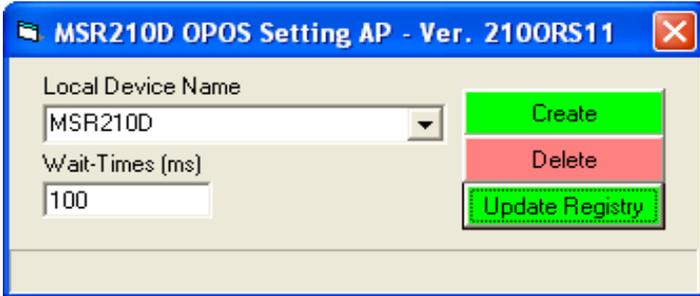
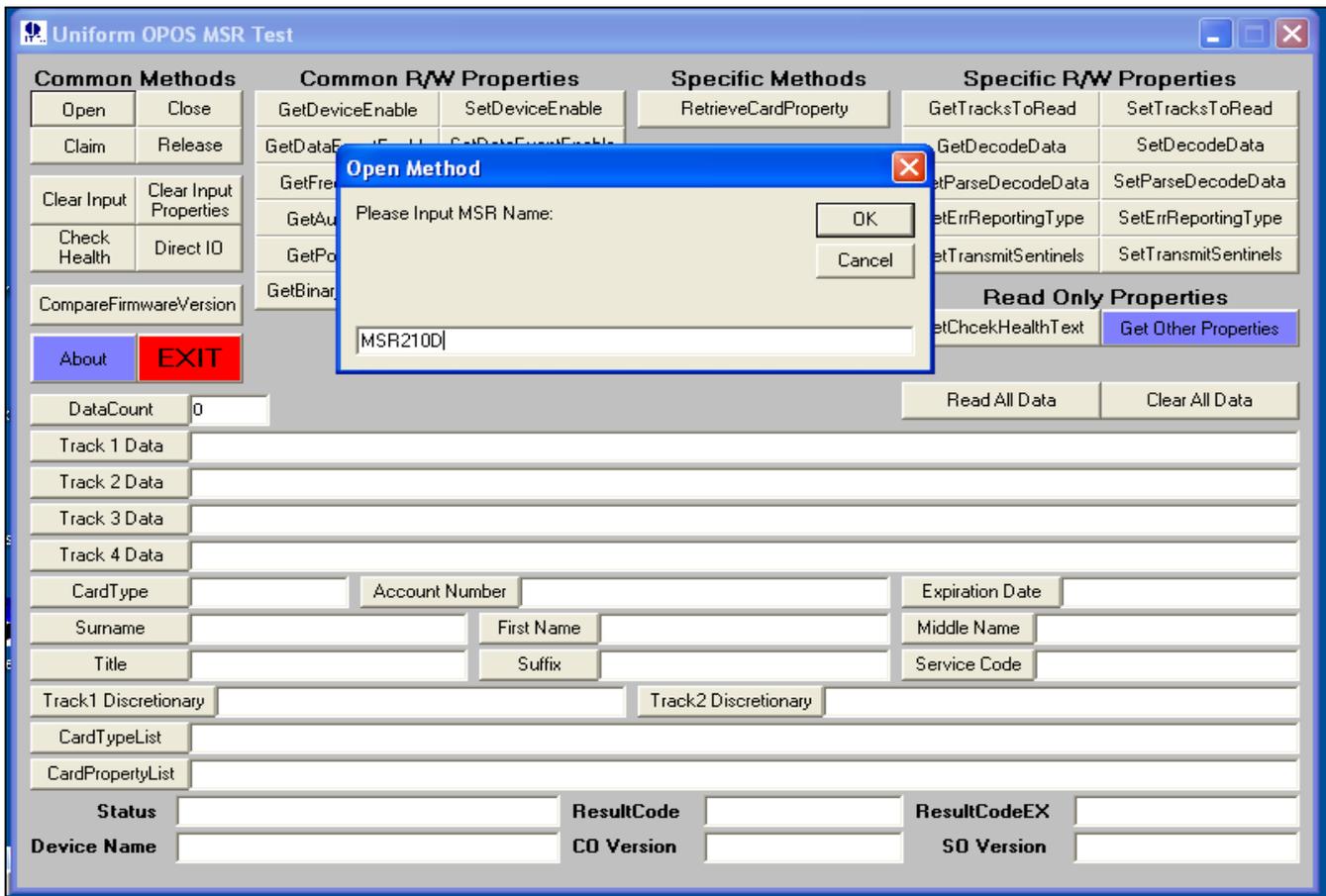


Installation and test Guide of OPOS driver

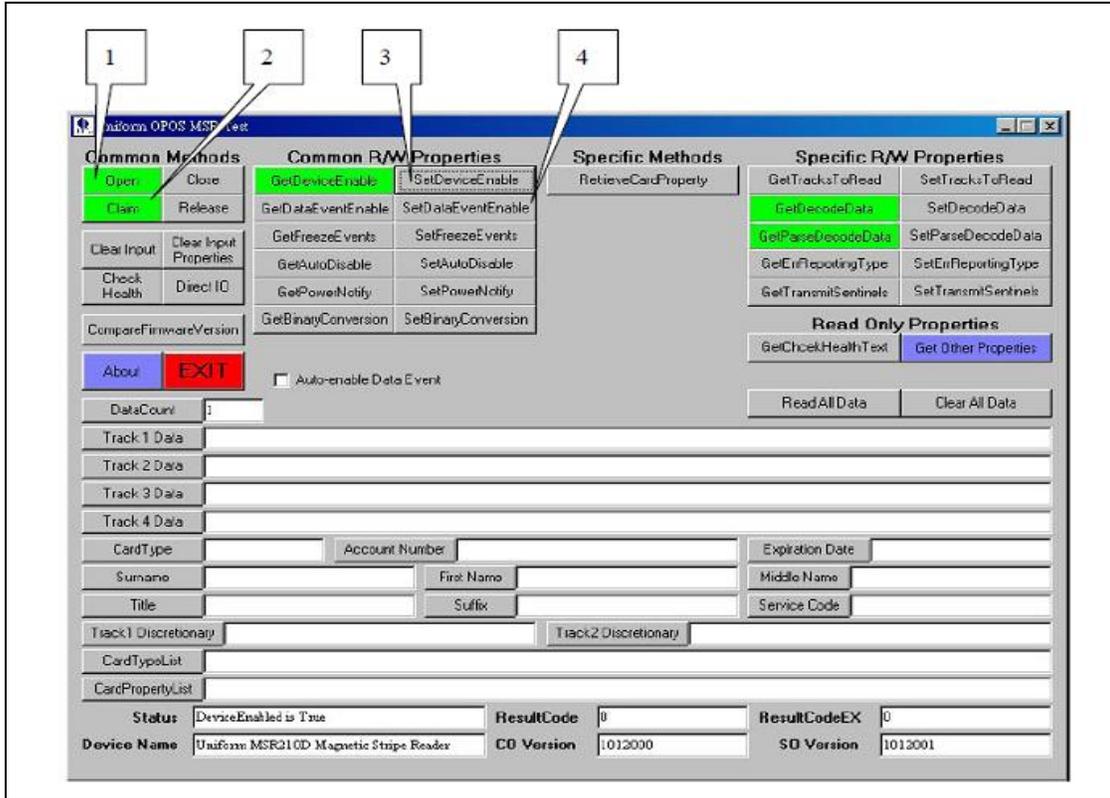
1. Unzip the file
2. Open the file and inside it has two folders:
 - a) Opos Driver
 - b) Opos Demo Ap
3. Install OPOS driver first, and Opos Demo Ap later
4. After done with installation, run the MSR210D OPOS setting **Ver. 2100RS11**
5. Type preferred device name in "Local Device Name" and click "Create". The default device name is "MSR210D"
6. Click "Update Registry"



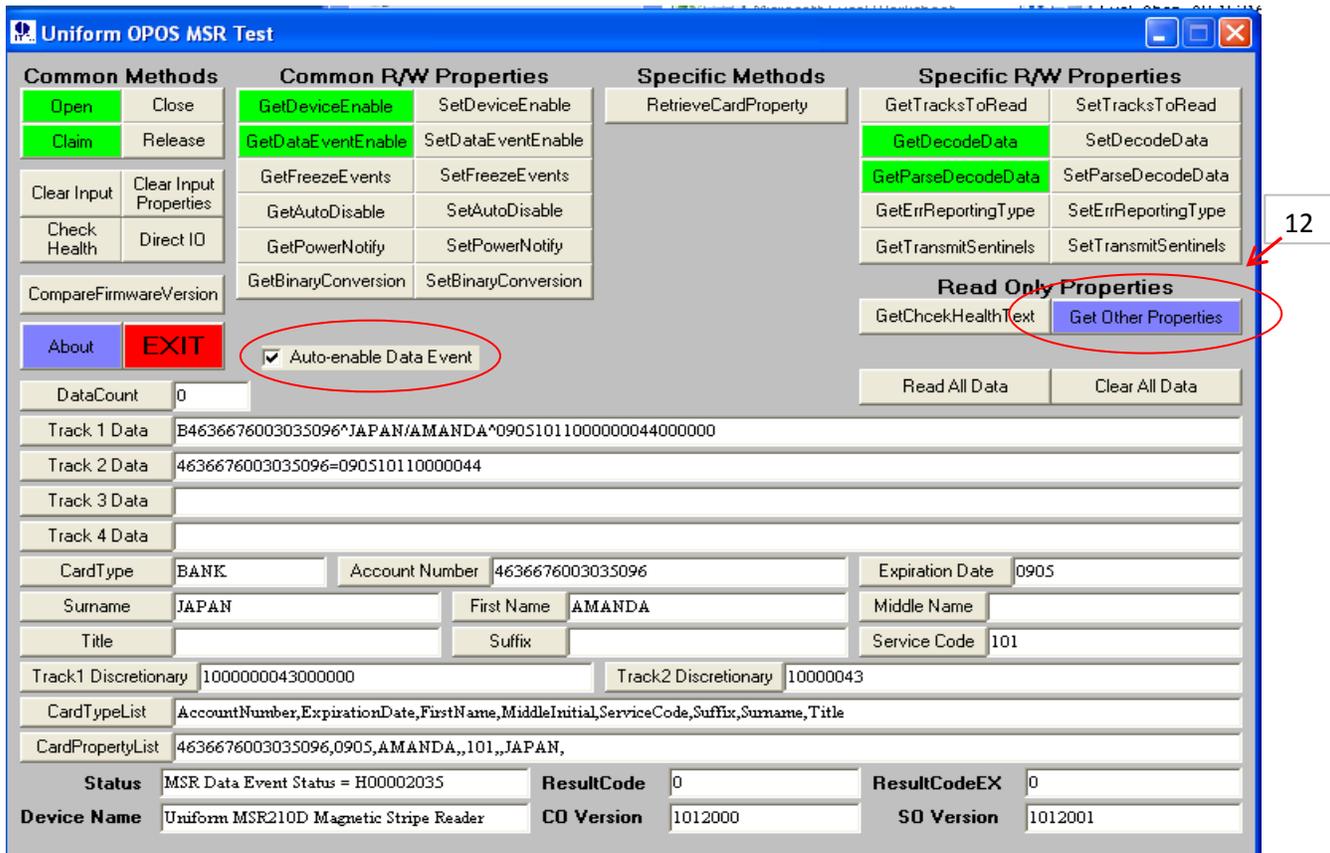
7. After you done with Opos setting run the "OPOS MSR TEST"
8. Click the "Open" and put MSR name same as the local device name at "MSR210D OPOS Setting AP" window and click "OK"



9. Click 2 - 4 :
 - a) No 2 "Claim"
 - b) No 3 "SetDeviceEnable"
 - c) No 4 "SetDataEventEnable"



10. Check "Auto-enable data event"
11. Slide the card and it is going to show on screen below



12 How to view OPOS version

Click "Get Other Properties" (See Above)

It will open window "OPOS MSR Read Only Properties" (See Below)

OPOS Ver. will show under "Service Object Description"

OPOS MSR Read Only Properties

Common Read Only Properties

CapCompareFirmwareVersion	True	Claimed	True
CapPowerReporting	OPOS_PR_NONE	OpenResult	Success
CapStatisticsReporting	False	PowerState	OPOS_PS_UNKNOWN
CapUpdateFirmware	False	State	OPOS_S_IDLE
CapUpdateStatistics	False		
ControlObjectDescription	OPOS MSR Control 1.12.000 [Public, by CRM/RCS-Dayton]		
ServiceObjectDescription	MSR210D OPOS Service Object Ver.210OPS2D, (C) 2013 Uniform		
DeviceDescription	Uniform MSR210D, USB HID Keyboard		

MSR Specific Read Only Properties

CapCardAuthentication	None	AdditionalSecurityInformation	None
CapDataEncryption	MSR_DE_NONE	CardAuthenticationData	None
CapDeviceAuthentication	MSR_DA_NOT_SUPPORTED	CardAuthenticationDataLength	0
CapISO	True		
CapISOOne	True		
CapISTwo	False		
CapTrackDataMasking	False		
CapTransmitSentinels	True		
CapWritableTracks	MSR_TR_NONE		

OK