

# How to connect to Windows with xfreerdp and smartcard

I am able to connect to Windows 2008 R2 server from Linux Mint using:

```
$ xfreerdp -f -u <username on windows> -d <windows Domain> 192.168.1.1
```

but I want to connect to that server using Smartcard. Another try with:

```
$ xfreerdp -f --plugin rdpdr --data:smartcard -- 192.168.1.1
```

didn't make success. What is right syntax for USB Smartcard reader 'Gemalto GemPC Twin 00 00'

```
$ lsusb
```

```
Bus 002 Device 002: ID 08e6:3437 Gemplus GemPC Twin SmartCard Reader
```

## 1 Answer

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You have to compile xfreerdp source code with

```
cmake -DWITH_PCSC=ON -DWITH_SSE2=ON .
```

To check is everything OK with smart cards and USB reader

```
rdesktop -f -d YourDomain -u username -r scard:"Gemalto PC Twin Reader 00 00" x.x.x.x
```

To start xfreerdp in full screen mode

```
xfreerdp /f /d:yourDomain /smartcard:"Gemalto PC Twin Reader 00 00" /v:x.x.x.x
```

This works for Windows 2003.

For Windows 2008 R2 you have to start xfreerdp with -sec-nla switch

```
xfreerdp -sec-nla /f /d:YourDomain /smartcard:"Gemalto PC Twin Reader 00 00" /v:IP address
```