

# 3.23 – Smart Card Redirection

Since version 5.7, Java applet was deprecated. Smart Card redirection need a small native application (sg\_agent.exe for Windows, sg\_agent.zip for macOS) running on user's machine to communicate with Smart Card.

## Spark View (RDP) 6.3.0

[Spark View \(VNC\)](#) [Spark View \(SSH\)](#) [Spark View \(TELNET\)](#) [Spark View \(Remote Assistance\)](#) [Spark View \(SMB/SFTP\)](#) [Spark View \(RDP Shadowing\)](#)

Spark Gateway:  \*default port is 80 if it's not specified (ip:port).

General

Display

Local

Programs

Advanced

Multi-Monitor

Time Zone

(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna

Remote audio playback

Play on this computer

Quality

Low

Remote audio recording

Choose the devices and resources that you want to use in remote session.

Clipboard

☒ Enable (Copy text, image, html between local and remote)

Printer

☒ Enable; Name Remote Printer from Clier

☐ Text Only (Receipt, Label printers)

Drives

☒ Uploading/Downloading files. (Drag files to your screen after connected).

Shared Drive Name: Cloud Storage

Camera

☐ Enable Camera

USB

☐ Enable USB

Smart Card

☒ Enable Smart Card

☒ Smart Card Sign-in

☒ Remote Credential Guard (\*)

Scanner

☐ Enable Scanner

\* Remote Credential Guard: User credentials are always needed at the first time since the browser can not access the local domain. They are not needed if kerberos.en.

Make sure Remote Credential Guard is enabled on your RDP server

Clear

Delete

Save

Connect

☐ Open in existing window

Version history

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Local hardware (smart card, scanner) redirection needs an agent (native application) running on your computer to access the local hardware. Please:

1. Download the agent from your installation: [http://localhost:8080/sg\\_agent.exe](http://localhost:8080/sg_agent.exe)
2. Run the agent and keep it running during the connection (you only need to run the agent once for multiple sessions).
3. Click the "Open" button to open a new window (bridge.html) to communicate with the agent and keep it open during the connection.

Spark Gateway Agent

Local hardware (smart card, scanner) redirection needs an agent (native application) running on your computer to access the local hardware. Please:  
1. [Download](#) the agent.  
2. Run the agent and keep it running during the connection (You only need to run the agent once for multiple sessions).  
3. Click  to open a new window(bridge.html) to communicate with the agent and keep it open during the connection.  
Switch back and close this dialog to continue.

You also need to add the "&smartCard=on" parameter to your websocket URL to enable smart card redirection. Use the "&passwordIsPin=on" parameter if you want to transfer password as the PIN of smart card.

If the green smart card icon is displayed in the traybar, the implementation was successful:



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*smart card, smartcard, hardware token, hardwaretoken*

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