

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).

The screenshot shows the 'Local' tab of the Spark View settings. The 'Smart Card' section is highlighted with a red box. The settings for Smart Card are: Enable Smart Card, Smart Card Sign-in, and Remote Credential Guard (*). Other settings include Time Zone (UTC+01:00), Remote audio playback (Play on this computer), Remote audio recording (unchecked), Clipboard (checked), Printer (checked), Drives (checked), Shared Drive Name (Cloud Storage), Camera (unchecked), USB (unchecked), and Scanner (unchecked). At the bottom, there are buttons for Clear, Delete, Save, and Connect, along with an 'Open in existing window' checkbox.

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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
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:



smart card, smartcard, hardware token, hardwaretoken

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