

# 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) 6.1.0

[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 (RDP) 6.1.0 settings window. The 'Smart Card' section is highlighted with a red box, indicating that both 'Enable Smart Card' and 'Smart Card Sign-in' are checked. Other settings visible include Time Zone set to '(GMT+01:00) W. Europe Standard Time', Remote audio playback set to 'Play on this computer', and Quality set to 'Low'. The 'Printer' and 'Drives' sections are also visible, with 'Enable' checked for both. The 'Camera' and 'USB' sections are unchecked. The 'Scanner' section is also unchecked. At the bottom, there are buttons for 'Clear', 'Delete', 'Save', and 'Connect', along with a checkbox for 'Open in existing window'.

General Display **Local** Programs Advanced Multi-Monitor

Time Zone: (GMT+01:00) W. Europe Standard Time

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 Client ☐ 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**

Scanner: ☐ Enable Scanner

Clear Delete Save Connect ☐ Open in existing window

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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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