

Application Note

Remote Programming Software - API Introduction to WebConnect

1. Overview

RPS-API v2.3.0.6 introduces support for remote Cellular connections to Bosch control panels using a service called WebConnect and a method called WebConnect_Cell. This method simplifies RPS-API connections to Bosch control panels using Cellular services without requiring VPN management.

WebConnect_Cell is an RPS-API panel connection method that uses the local RPS-API network to secure an internet connection to Bosch Installer Services, which then establishes and manages the secure cellular connection to the control panel.

2. Applicability

1. RPS v6.14.200 or greater
2. RPS-API v2.3.0.6 or greater

3. Configuring RPS-API for the WebConnect service

RPS-API uses the existing RPS configuration to collect all information to allow for WebConnect connections. Configure RPS and each panel within RPS to allow for WebConnect connections to those panels.

Additionally, see these available references for more information:

- RPS Help content <F1>
 - Remote Programming Software Introduction to WebConnect Application Note
1. RPS-API will use your existing RPS link with your Installer Services Portal Company and enabled WebConnect service.
 - To enable RPS to use WebConnect_Cell, you will need to link your RPS install with your Installer Service Portal Company using a Company Key that supports WebConnect.
 2. RPS-API will use your RPS Panel Account Cellular Configurations to establish panel connections.
 - a. RPS Panel Data-View configuration requires specific Cellular device details (ICCID/SIM/MEID and Cellular Port).
 - b. RPS-API will start up and automatically use the existing RPS configurations for your Installer Services Portal Company, the WebConnect service and Panel Cellular.

4. Connect to panel using WebConnect

RPS-API will only operate using WebConnect_Cell after RPS-API is configured with your Installer Services Company using a Key that supports WebConnect. The WebConnect_Cell method can be selected during a panel connection request using the same RPS-API connection API call as other methods.

See these RPS-API available references for more information:

- RPS-API Specification document (v2.3.0.6 at initial release) which contains technical detail on the commands and operations.
- RPS-API Application Note document (v2.3.0.6 at initial release) which contains an overview of the capabilities and operations.
- RPS-API Swagger interface for preview and test of the commands and operations.

5. WebConnect Operation Dependencies

For RPS-API to use the WebConnect_Cell service, RPS-API requires some of the same configurations that are required for traditional operations and cellular panel connections. Including any panel cellular port or network customizations.

1. RPS-API must be able to connect to the RPS Database.
2. RPS must be linked to your Installer Services Portal Company using your Installer Services Key that supports WebConnect.
3. RPS Panel Data-View must be configured with the required Cellular device details.
4. RPS-API must be able to reach the Internet.
5. Each panel that is intended for WebConnect connectivity needs to be configured with a valid ICCID and port number.

NOTE:

If your network requires specific proxy details to reach the internet, you will need to update the RPS Proxy configurations.

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