

## Remote Services



Remote Services offer a secure remote internet connection to fire panels for system integrators. For the Remote Services the pre-configured Secure Network Gateway is required.

### System overview

Remote Services offer following services for system integrators:

#### Remote Connect

Remote Connect provides a trusted and secure internet connection, which enables remote access to a panel via FSP-5000-RPS. Remote Connect is the basis for all Remote Services.

#### Remote Alert

With Remote Alert, the panel pushes relevant status information to the Remote Portal. Transferred data are analyzed with Remote Alert. In case of an unexpected event, the user will be informed via SMS and/or e-mail about the received alerts.

#### Remote Interact

Remote Interact enables the use of the mobile application Remote Fire Safety for smartphones. The user receives instant push notifications to smartphones in case of alarms or systems warnings.

#### Remote Maintenance

Remote Maintenance offers the possibility to remotely monitor certain parameters of various security items connected to a fire panel. It collects data of relevant LSN devices and functional modules and sends them to the Remote Portal where they are analyzed and visualized for maintenance activities.

- ▶ Plug and play Ethernet connection to fire panels
- ▶ Highly secure connectivity to Remote Services
- ▶ Trial license for all Remote Services
- ▶ Pre-configured for enabling Remote Services

While Remote Connect supports connection to a panel network via Ethernet or CAN, Remote Alert and Remote Maintenance functionality is only supported when Ethernet networking between panels is provided and configured for service usage.

### Functions

This device is pre-configured for use only with Remote Services and its functionality is therefore limited to ensure the highly secure connectivity of Bosch Remote Services.

#### Hardware Specifications Base System

- Energy efficient and fan-free MIPS processor architecture.
- 128 MB RAM
- Gigabit-WAN-Port (10/100/1000 Mbit/s)
- 1 Power LED
- 9 LEDs for extended status information

In case of a complete reset of the device using the reset button on the front cover, Remote Services functionality is permanently deleted. The Secure Network Gateway cannot be used or configured for Remote Services together with the fire panel anymore. However, previously limited functionality of the hardware becomes available for use without Remote Services of the fire panel. For a detailed description of the functionality please see:

<https://www.tdt.de>

## Technical specifications

### Electrical

	<b>FPA-REMOTE-GATEWAY Secure Network Gateway</b>
Input voltage (VDC)	9 VDC – 30 VDC
Nominal capacity (V)	12 V
Power consumption (W)	5 W
Rated input current (A)	1 A

### Environmental

	<b>FPA-REMOTE-GATEWAY Secure Network Gateway</b>
Operating temperature (°C)	-5 °C – 55 °C
Operating relative humidity, non-condensing (%)	0% – 85%

### Mechanical

	<b>FPA-REMOTE-GATEWAY Secure Network Gateway</b>
Dimension (H x W x D) (mm)	33 mm x 185 mm x 155 mm
Material	Metal
Weight (g)	860 g

### Connection of the Remote Services bundle

Connection	Secure Network Gateway required
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## Ordering information

### FPA-REMOTE-GATEWAY Secure Network Gateway

Pre-configured Secure Network Gateway for highly secure plug and play Ethernet connection to the fire panel with included trial license for Remote Services: Remote Connect, Remote Alert, Remote Interact and Remote Maintenance.

Order number **FPA-REMOTE-GATEWAY | F.01U.360.934**

### CBS-BNDLE1-FIR Fire panel remote services bundle

One-year license for highly secure remote access and services for the fire panel via Ethernet.

Order number **CBS-BNDLE1-FIR | F.01U.335.524**

#### Represented by:

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5600 JB Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
emea.securitysystems@bosch.com  
emea.boschsecurity.com

**Germany:**  
Bosch Sicherheitssysteme GmbH  
Robert-Bosch-Ring 5  
85630 Grasbrunn  
Germany  
www.boschsecurity.com

**North America:**  
Bosch Security Systems, LLC  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
onlinehelp@us.bosch.com  
www.boschsecurity.us

**Asia-Pacific:**  
Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia