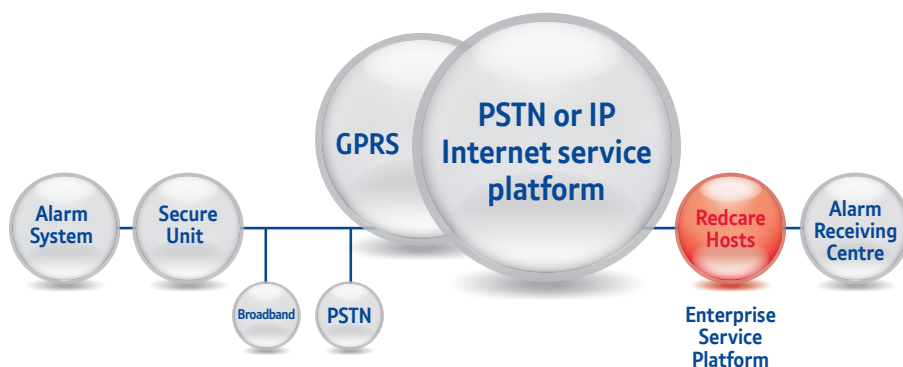


# BT Redcare Secure

## THE SECURE LINK



The BT Redcare Secure portfolio comprises three variants; Secure 2, Secure 3 and Secure IP – all of which protect customers with a dual path high security signalling service. Your customer will have peace of mind knowing that both of these security signalling paths are regularly monitored to comply with the latest security standards.

On top of this, both paths communicate through a highly secure VPN. The Secure Unit supports a range of intruder-system interfaces, including Dial Capture and classic pin connection, ensuring your customers’ businesses are safe.

When it comes to service Redcare Secure has everything covered. It’s delivered from robust dual-location host sites on Redcare’s highly secure Enterprise Service Platform. Your customers can also rest assured knowing their signalling service to Alarm Receiving Centres runs via a resilient IP network, which travels throughout BT’s UK exchange network.



## HOW DO THE OPTIONS COMPARE?

Product	Minimum term	EN standards grade	Primary alarm signalling path	Primary alarm signalling reporting time	Primary alarm signalling method	Secondary alarm signalling path	Secondary signalling reporting time when both paths available	Secondary signalling method when both paths available	Secondary signalling reporting time when primary path has failed	Secondary signalling method when primary path has failed	Call charges
<b>Secure 2</b>	12 months	2	GPRS	60 minutes	Routine GPRS Polling	PSTN	2 minutes	Line Voltage Monitoring	25 hours	PSTN Call Polling	Freephone
<b>Secure 3</b>	12 months	3	GPRS	60 minutes	Routine GPRS Polling	PSTN	2 minutes	Line Voltage Monitoring	5 hours	PSTN Call Polling	Freephone
<b>Secure IP</b>	12 months	4	Landline IP/ Broadband/ WAN/LAN	3 minutes	Routine IP path polling	GPRS	60 minutes	Routine GPRS Polling	3 minutes	Routine GPRS Polling	Not applicable

## PRODUCT SPECIFICATIONS – FREQUENTLY ASKED QUESTIONS

### What are the signalling details?

- Wireless connection via 24/7 VPN over GPRS
- Landline signalling via VPN dial-up session on any PSTN connection
- Continuously polled IP path when used in IP mode
- Dual band (900/1800 MHz)
- Alarm messages and polling are highly encrypted to EN Grade 4
- Software and firmware anti-substitution measures to EN Grade 4
- End-to-end alarm acknowledgement from ARC to alarm panel
- Alarm panel connection monitoring for Dial Capture
- Unit and service faults are self-reported
- Full integration with BT Redcare ARC Gateway

### Could you explain the management features?

- Remote testing, polling, status and configuration as per BT Redcare protocol
- Simplified installation and service activation
- Remote software download via GPRS (Redcare controlled)

### Describe the alarm panel interfaces

- Dial Capture and phone line simulation
- Relay to allow panel PSTN upload/download in Dial Capture mode
- Sixteen pins

### Tell me about the Secure Unit

- Optional mounting in secure wall fitting or within alarm panel
- GSM antenna connection MMCX
- Simple two wire connection to PSTN line, so no block or exchange work required
- High performance aerial included
- **Ambient temperature:** -5°C (23F) to +55°C (131F)
- **Humidity:** 5% to 95%

### What are the power specifications?

- Nominal 13.5V input (9.5V to 30V)
- Screw terminals
- Low battery alarm reporting to ARC
- Average 230 mA, peak 280 mA (peak 450 mA if using Dial Capture)

### What are the general purpose inputs and outputs?

- Sixteen general purpose alarm inputs (Logic High = +3.5V to +30V/Logic Low = -0.5V to +0.8V)
- **Unconnected state:** Logic Low
- Screw terminals
- **Line Fault Output** – for status indication at site of alarm signalling paths
- **Return Path Signalling** – for confirmation at site of opening and closing
- **Control Output** – for remote control of site devices

### Could you explain the Dial Capture features?

- Converts dialler alarm systems into high security signalling devices

- **Alarm Panel interface supports:** Ademco Contact ID, Ademco Hi Speed, Ademco 4+1, Ademco 4+2, SIA 1/2/3

### Could you explain the status indicators?

- Wireline Up
- Wireless Up
- Wireless signal strength indicators
- Power

### What size is the unit?

- **Size** = 168 x 115 x 36mm
- **Weight** = 500g

### How is it configured?

- DTMF via phone handset
- Alarm PIN self learning
- Laptop programming

### What does the unit arrive with?

- Adhesive pads
- Antenna

### Does it have a warranty?

- The Secure Unit has a 30 month warranty

### Is it standards compliant?

The Secure Unit and Secure portfolio comply with the following:

- **PD6662:** 2004 Scheme for EN Standards in I&HAS
- **EN50131-1:** Alarm systems. Intrusion systems
- EN Security Standards. Environmental Class II
- Compliant for interface to fire alarm panels
- BT 21CN Compliant
- REN Value 0.1

To find out more about our BT Redcare Secure portfolio please, call us on **0808 1000 216**, email [redcare@bt.com](mailto:redcare@bt.com) or visit our website at [www.redcare.bt.com](http://www.redcare.bt.com)

#### Offices worldwide