

# 1500 SECURITY GATEWAYS



## Secure. Powerful. Simple.

Check Point Small Business Appliances are high performance, integrated devices offering firewall, VPN, antivirus, application visibility and control, URL filtering, email security and SandBlast Zero-Day Protection, all in compact form factors that are simple to configure and manage.



## Empowering Small and Midsize businesses with Enterprise Grade Security

### SECURE

100% block rate,  
recommended by NSS for  
prevention, powered by R80

### POWERFUL

2x more performance with up to  
4 Gbps Firewall and 660 Mbps  
of full Threat Prevention

### SIMPLE

Out-of-the-box Zero Touch  
provisioning, mobile app for  
security on the go and a  
unified management portal

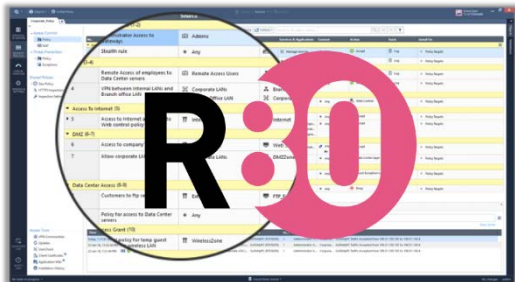
## SPOTLIGHT

### Advanced security, uncompromising performance

The Check Point 1500 Security Appliance family delivers enterprise-grade security in a series of simple and affordable, all-in-one security solutions to protect small business employees, networks and data from cyber-theft.

#### Comprehensive Protection

- ❖ Next Generation Firewall
- ❖ Site-to-Site VPN
- ❖ Remote Access VPN
- ❖ Application Control and Web Filtering
- ❖ IoT Device Recognition
- ❖ Intrusion Prevention
- ❖ Antivirus
- ❖ Anti-Bot
- ❖ Anti-Spam
- ❖ SandBlast Threat Emulation (sandboxing)



#### R80 Software for SMB Appliances

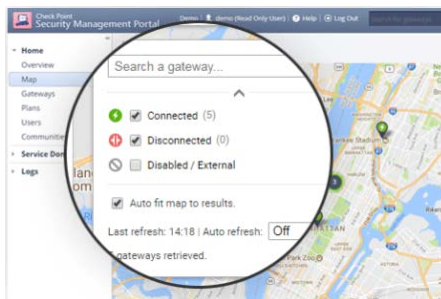
R80 software for SMB on the 1500 increases performance and brings enterprise-grade security to small and medium size businesses. Centrally managed 1500 gateways support:

- Unified access policy: firewall, application control, URLF
- Policy layers and sub-policies
- Acceleration of Domain, Dynamic and Time objects
- Multicore VPN and VPN acceleration

#### Wired, Wi-Fi and Wi-Fi with Embedded 3/4G/LTE

LTE is an essential component of any enterprise wireless WAN, either as a primary or failover link connecting fixed remote sites or a mobile fleet of vehicles. The 1500 embedded 3/4G/LTE modem supports:

- CAT6
- Dual SIM: nano and micro
- LTE antennas: 1x main, 1x diversity
- Global coverage



#### Zero-touch Deployment, Cloud Management

An intuitive web-based user interface, enables managed service providers to provision security efficiently for small businesses. In addition cloud-hosted Security Management Portal scales to manage over 10,000 Check Point Small Business Appliances. End users can leave security to a managed service provider (MSP) so they can focus on growing their own business.

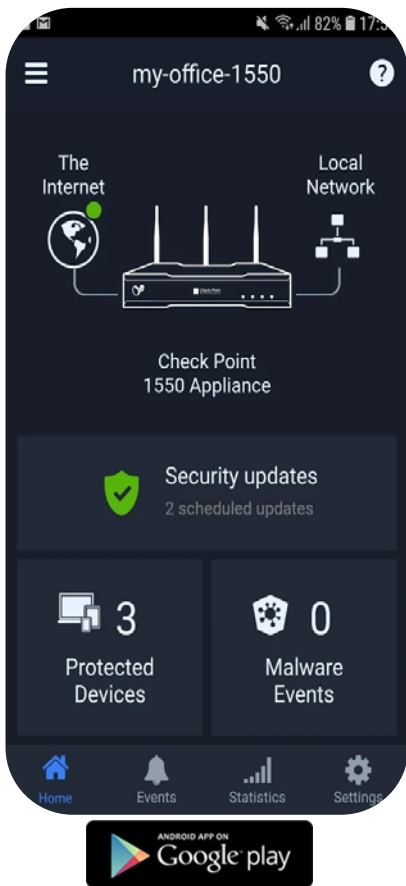
## SPOTLIGHT

### Lower the complexity of managing your security

Setup can be done in minutes using pre-defined security policies and our step-by-step configuration wizard. Check Point 1500 Security Gateways are conveniently manageable locally via a Web interface and centrally with a cloud-based Check Point Security Management Portal (SMP) or R80 Security Management.

### Simple, Intuitive Monitoring and Reporting

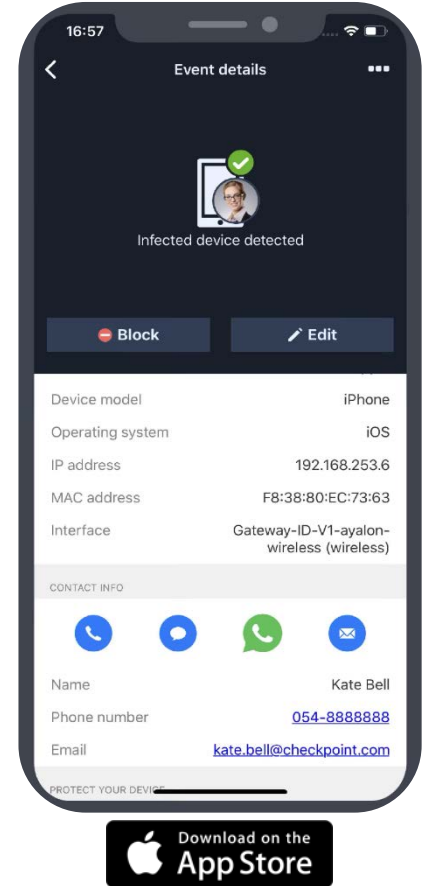
The web interface shows logs, active computers, and hourly, daily, weekly and monthly reports. In network analysis find top applications and users consuming the most bandwidth. Security analysis shows users visiting high-risk sites and using high-risk applications. Also see any incidents or infected hosts found during the reporting period.



### Security Management App

The intuitive mobile app provides real-time monitoring of network events, alerts you when your network is at risk, enables you to quickly block security threats, and configure the security policy for multiple gateways.

- **Network security snapshot:** view connected devices and any threats
- **Real-time security alerts:** of attacks or unauthorized devices
- **On-the-spot threat mitigation:** quickly block infected devices
- **Network statistic reports and charts:** gain insights on network usage patterns
- **Manage multiple gateways:** manage security in the palm of your hand



### 1530, 1550 (Wi-Fi model)

- 1 802.11n/ac Wi-Fi (optional)
- 2 USB port
- 3 5x 1GbE LAN switch
- 4 1x 1GbE WAN interface
- 5 Power button
- 6 USB-C Console port
- 7 12V power connector



	1530	1550
<b>Enterprise Testing Conditions</b>		
Threat Prevention (Mbps) <sup>1</sup>	340	450
Next Generation Firewall (Mbps) <sup>2</sup>	600	800
IPS Throughput (Mbps)	670	900
Firewall Throughput (Mbps)	1,000	1,000
<b>RFC 3511, 2544, 2647, 1242 Performance (LAB)</b>		
Firewall 1518 Byte UDP Packets (Mbps)	2,000	2,000
VPN AES-128 Throughput (Mbps)	970	1,300
Connections per Second	10,500	14,000
Concurrent Connections	500,000	500,000
<b>Software</b>		
Security	Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot, Antivirus, Anti-Spam and SandBlast Threat Emulation (sandboxing)	
Unicast, Multicast Routing	OSPFv2, BGPv4 and 4++, RIP, PIM (SM, DM, SSM), IGMP	
Mobile Access License (Users)	100 remote SNX or Mobile VPN client users	
<b>Hardware</b>		
WAN Port	1x 10/100/1000Base-T RJ-45 port	
LAN Ports	5x 10/100/1000Base-T RJ-45 ports	
Wi-Fi (optional)	802.11 b/g/n/ac MIMO 3x3	
Radio Band (association rate)	3x3 Dual band 2.4/5GHz, 11n/ac non-concurrent	
Radio Band (association rate)	One radio band non-concurrent: 2.4GHz (max 450 Mbps) or 5GHz (max 1,300 Mbps)	
Console Port	1x USB-C	
USB Port	1x USB 3.0	
<b>Dimensions</b>		
Enclosure	Desktop, wall mount	
Dimensions (W x D x H)	210 x 160 x 37.5 mm, 8.3 x 6.3 x 1.5 in.	
Weight	0.43 kg (0.95 lbs.)	
<b>Environment</b>		
Operating / Storage	0°C ~ 40°C / -45°C ~ 60°C (5~95%, non-condensing)	
<b>Power Requirements</b>		
AC Input	110 – 240VAC, 50 – 60 Hz	
Power Supply Rating	12V/3.3A 40W power adapter	
Power Consumption (Max)	17.92 (non-Wi-Fi); 21.95W (Wi-Fi)	
Heat Dissipation	61.11(non-Wi-Fi); 74.85(Wi-Fi)	
<b>Certifications</b>		
Safety   Emissions   Environment	UL/c-UL 62368-1 , IEC 62368-1 CB   EMC, EMI EN55024, EN55032 Class B, VCCI, AS, NZS CISPR 32, IC ICES 03, RSS247, FCC: Part 15 Class B, C, E   RoHS, REACH, WEEE	

1. Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast Zero-Day Protection 2. Includes Firewall, Application Control, IPS

## 1590 (Wi-Fi model)

- 1 802.11n/ac (Wi-Fi option)
- 2 8x 1GbE LAN switch
- 3 1x 1GbE copper/fiber DMZ port
- 4 1x 1GbE WAN port
- 5 USB 3.0 port
- 6 USB-C console port
- 7 12V power connector



1590	
<b>Enterprise Testing Conditions</b>	
Threat Prevention (Mbps) <sup>1</sup>	660
Next Generation Firewall (Mbps) <sup>2</sup>	1,300
IPS Throughput (Mbps)	1,400
Firewall Throughput (Mbps)	2,800
<b>RFC 3511, 2544, 2647, 1242 Performance (LAB)</b>	
Firewall 1518 Byte UDP Packets (Mbps)	6,400
VPN AES-128 Throughput (Mbps)	2,600
Connections per Second	21,000
Concurrent Connections	500,000
<b>Software</b>	
Security	Firewall, VPN, User Awareness, QoS, Application Control, URL Filtering, IPS, Anti-Bot, Antivirus, Anti-Spam and SandBlast Threat Emulation (sandboxing)
Unicast, Multicast Routing	OSPFv2, BGPv4 and 4+, RIP, PIM (SM, DM, SSM), IGMP
Mobile Access License (Users)	200 remote SNX or Mobile VPN client users
<b>Hardware</b>	
WAN Port	1x 10/100/1000Base-T RJ-45 port
DMZ Port	1x 10/100/1000Base-T RJ-45 / 1x 1000BaseF SFP port (transceiver not included)
LAN Ports	8x 10/100/1000Base-T RJ-45 ports
Wi-Fi (optional)	802.11 b/g/n and 802.11 n/ac wave II MIMO 4x4
Radio Band (association rate)	Two radio bands concurrent: 2.4GHz (max 450 Mbps) and 5GHz (max 1,700 Mbps)
3/4G/LTE (optional)	3/4G/LTE Embedded modem, CAT6 with Main and Auxiliary antennas
SIM (optional)	Dual SIM (Nano and Micro)
Console Port	1x USB-C
USB Port	1x USB 3.0
SD Card Slot	Micro-SD slot
<b>Dimensions</b>	
Enclosure	Desktop
Dimensions (W x D x H)	210 x 170 x 42 mm, 8.3 x 6.7 x 1.7 in.
Weight	0.87 kg (1.9 lbs.)
<b>Environment</b>	
Operating / Storage	0°C ~ 40°C / -45°C ~ 60°C (5~95%, non-condensing)
<b>Power Requirements</b>	
AC Input	110 – 240VAC, 50 – 60 Hz
Power Supply Rating	12V/3.3A 40W power adapter (non-Wi-Fi), 12V/5A 60W power adapter (Wi-Fi and Wi-Fi-LTE)
Power Consumption (Max)	26.01 (non-Wi-Fi); 31.28W (Wi-Fi); 35.5W (Wi-Fi-LTE)
Heat Dissipation	88.70 (non-Wi-Fi); 100.66 (Wi-Fi), 106.73 (Wi-Fi-LTE); 121.06 (Wi-Fi-LTE)
<b>Certifications</b>	
Safety   Emissions   Environment	UL/c-UL, CB IEC, CE LVD 62368-1, CE   VCCI, AS/NZS, FCC, IC Class B, FCC, IC, AS/NZS, CE RED ETSI   RoHS, REACH, WEEE

1. Includes Firewall, Application Control, URL Filtering, IPS, Antivirus, Anti-Bot, SandBlast Zero-Day Protection 2. Includes Firewall, Application Control, IPS

## ORDERING INFORMATION

SECURITY APPLIANCES	
1530 Security Appliance	CPAP-SG1530
1530 Wi-Fi Security Appliance	CPAP-SG1530W-xx
1550 Security Appliance	CPAP-SG1550
1550 Wi-Fi Security Appliance	CPAP-SG1550W-xx
1590 Security Appliance	CPAP-SG1590
1590 Wi-Fi Security Appliance	CPAP-SG1590W-xx
1590 Wi-Fi and LTE Security Appliance	CPAP- SG1590WLTE-xx
WI-FI REGIONS (replace -xx in the SKU to specify the Wi-Fi region)	
USA, Canada	change -xx to -US
Europe	change -xx to -EU
Japan	change -xx to -JP
Australia, Argentina	change -xx to -AU
Israel	change -xx to -IL
China	change -xx to -CN
India, Chile	change -xx to -IN
New Zealand	change -xx to -NZ
Latin America, Singapore, Hong Kong, Thailand, Sri-Lanka	change -xx to -LA
ACCESSORIES	
SFP Short range transceiver (for the DMZ 1000BaseF port)	CPAC-TR-1SX
SFP Long range transceiver (for the DMZ 1000BaseF port)	CPAC-TR-1LX
SD memory card 32 GB	CPAC-1500-32GB-SD
SD memory card 64 GB	CPAC-1500-64GB-SD
Replacement Wi-Fi Antenna	CPAC-1500-WIFI-ANTENNA
Replacement LTE Antenna	CPAC-1590-LTE-ANTENNA
Replacement 40W AC Power Supply for 1550 and 1590 Wired	CPAC-1550-PSU
Replacement 60W AC Power Supply for 1590 Wi-Fi and Wi-Fi-LTE	CPAC-1590-PSU
Rack Mount kit for the 1500	CPAC-1500/3600-RM-DUAL

<sup>1</sup> Add a subscription package for NGFW, NGTP or NGTX. Promotion bundles for 3 and 5 years include the security appliance, support and subscription package (see below).

## Extend your Solution

ADDITIONAL SOFTWARE BLADES <sup>1</sup>	
Mobile Access Blade for 50 concurrent connections	CPSB-MOB-50

<sup>1</sup> Concurrent remote SNX or Mobile VPN client users. The MOB license is additive. The full Mobile Access web portal functionality is not supported.

## 3 and 5 Year Security Appliance, Support and Services Bundles

	NGFW	NGTP	NGTX
Security Appliance (wired, Wi-Fi or Wi-Fi with embedded LTE)	✓	✓	✓
Premium Support (24 x 7 response, software upgrades and more)	✓	✓	✓
PRO Support option (proactive health monitoring service)	✓	✓	✓
Firewall	✓	✓	✓
VPN	✓	✓	✓
Mobile Access (includes 100 concurrent users in the 1530 and 1550 or 200 in the 1590)	✓	✓	✓
Application Control	✓	✓	✓
Intrusion Prevention System	✓	✓	✓
URL Filtering		✓	✓
Antivirus and Anti-Bot		✓	✓
Threat Emulation (sandboxing)			✓