



TE2000 Threat Emulation Private Cloud Appliance

Stop new and unknown threats

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YOUR CHALLENGE

With the increase in sophistication of cyber threats, many targeted attacks begin with exploiting software vulnerabilities in downloaded files and email attachments.

These threats include new exploits, or even variants of known exploits unleashed almost daily with no existing signatures and therefore no standard solutions to detect those variants. New and undiscovered threats require new solutions that go beyond signatures of known threats.

OUR SOLUTION

ThreatCloud Emulation prevents infections from undiscovered exploits, zero-day and targeted attacks. This innovative solution quickly inspects files and runs them in a virtual sandbox to discover malicious behavior. Discovered malware is prevented from entering the network. Check Point ThreatCloud Emulation reports to the ThreatCloud™ service and automatically shares the newly identified threat information with other Check Point customers.

Traditional solutions have focused on detection, providing notifications after a threat has breached the network. With Check Point ThreatCloud Emulation, new threats are blocked and infection does not occur.

PRIVATE CLOUD EMULATION APPLIANCES

Customers may choose the ThreatCloud Emulation Service or, if they prefer to not use cloud applications due to regulatory or privacy concerns, three appliance options are available to choose from, with overall performance supporting organizations up to 3,000 users on the TE250 Appliance, 3,000 to 10,000 users on the TE1000 Appliance and over 10,000 users on the TE2000 Appliance.

FEATURES

- Identify new malware hidden in Adobe PDF, Microsoft Office, executable and archive files
- Protection against attacks targeting multiple Windows OS environments
- Supported topologies: Private Emulation cloud for an existing Gateway, Inline, Message Transfer Agent (MTA), Mirror/TAP
- Recommended for 2 million file-scans per month (performance varies)

BENEFITS

- Prevent new and unknown attacks in business documents and executable* files
- Reduces costs by leveraging existing security infrastructure
- Maximize protection through unified management, monitoring and reporting
- Zero false-positives means you can secure the network without stopping the flow of business
- Increase security with automatic sharing of new attack information with ThreatCloud

PRIVATE CLOUD APPLIANCE

	TE2000
Recommended files/month	2,000,000
Recommended users	10,000+

EMULATION SPECIFICATIONS

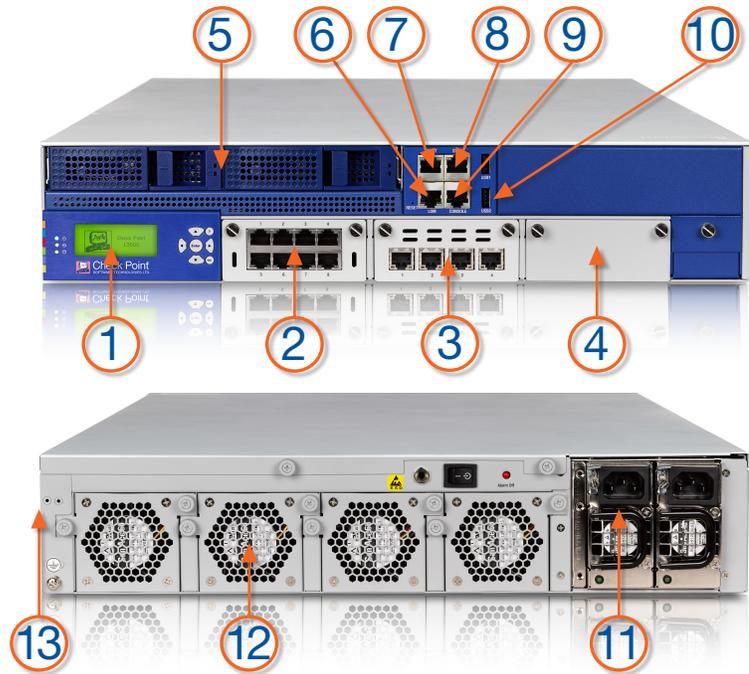
Supported Files for Inspection	Adobe PDF, Microsoft Office, EXE, files in archives
Supported Emulation Environments	Microsoft Windows XP, 7; Microsoft Office; Adobe Reader



TE2000 PRIVATE CLOUD APPLIANCE

TE2000

- ① Graphic LCD display for IP address and image management
- ② 8 x 10/100/1000Base-T RJ45 port card
- ③ 4 x 10/100/1000Base-T RJ45 port card
- ④ Third network card expansion slot
- ⑤ Two hot-swappable 500GB RAID-1 hard drives
- ⑥ Lights Out Management port
- ⑦ Management 10/100/1000Base-T RJ45 port
- ⑧ Sync 10/100/1000Base-T RJ45 port
- ⑨ Console RJ45 port
- ⑩ USB port(s) for ISO installation
- ⑪ Two redundant hot-swappable AC or DC power supplies
- ⑫ Replaceable fans
- ⑬ Slide rails (not shown)



TECHNICAL SPECIFICATIONS

	TE2000
Performance	
Recommended Users	10,000+
Throughput (Mbps)	4,000
Number of Virtual Machines	56
Hardware	
Storage	2 x 500 GB
Memory	64 GB
LOM	Included
Slide Rails (22" to 32")	Included
Network	
10/100/1000Base-T RJ45 (default/max)	14/26
1000Base-F SFP (default/max)	0/12
10GBase-F SFP+ (default/max)	0/12
Expansion Slots	
Dimensions	
Enclosure	2U
Metric (W x D x H)	442 x 600 x 88 mm
Standard (W x D x H)	17.4 x 23.6 x 3.5 in.
Weight	17.5 kg (38.6 lbs.)
Environment	
Operating	32° to 104°F / 0° to 40°, (5%-90% non-condensing)
Storage	-40° to 158°F, -40° to 70°C, 5%-95% (non-condensing)



Datasheet: TE2000 Threat Emulation Private Cloud Appliance

Power	
Dual, Hot-Swappable	Included
Input Voltage	90 - 264VAC (47-63HZ), -36 to -72 VDC
Inrush Current	35A/70A@115VAC, 70A@230VAC, 35A@-48VDC
Single Power Supply Rating	600W
Power Consumption Maximum	431W
Maximum Thermal Output	1,730 BTU/hr
Certifications	
Safety	CB, UL/cUL, CSA, TUV
Emissions	FCC, CE, VCCI, C-Tick
Environment	RoHS

SOFTWARE PACKAGE SPECIFICATIONS

Base Packages¹	SKU
Private Cloud Appliance TE2000 Includes Microsoft Windows and Office license for 56 Virtual Machines. (includes 1 year Threat Emulation, Antivirus and Anti-Bot annual service)	CPAP-TE2000-56VM-SOC
Software Blade Packages¹	SKU
Threat Emulation & Antivirus annual service for the TE2000 Appliance	CPSB-TE-2000-1Y

¹Two and three year SKUs are available. See the online Product Catalog.

ACCESSORIES

Interface Cards and Transceivers	SKU
4 Port 10/100/100 Base-T RJ45 interface card for 13500 and TE2000	CPAC-4-1C-13500
8 Port 10/100/100 Base-T RJ45 interface card for 13500 and TE2000	CPAC-8-1C-13500
4 Port 1000Base-F SFP interface card; requires additional 1000Base SFP transceiver modules per interface port	CPAC-4-1F
SFP transceiver for 1000Base-T RJ45 (copper)	CPAC-TR-1T
SFP transceiver module for 1G fiber ports—long range (1000Base-LX)	CPAC-TR-1LX
SFP transceiver module for 1G fiber ports—short range (1000Base-SX)	CPAC-TR-1SX
2 Port 10GBase-F SFP+ interface card; requires an additional 10GBase SFP+ transceiver per interface port	CPAC-2-10F
4 Port 10GBase-F SFP+ interface card; requires an additional 10GBase SFP+ transceiver per interface port	CPAC-4-10F
SFP+ transceiver module for 10G fiber ports—long range (10GBase-LR)	CPAC-TR-10LR
SFP+ transceiver module for 10G fiber ports—short range (10GBase-SR)	CPAC-TR-10SR
Spares and Miscellaneous	
Slide RAILS for 13500 and TE2000 Appliances (22"-32")	CPAC-RAILS-13500
Extended Slide Rails for 13500 and TE2000 Appliances (26"-36")	CPAC-RAILS-EXT-13500
Additional/replacement AC Power Supply for 13500 and TE2000 Appliances	CPAC-PSU-13500
Replacement parts kit including 1 Hard Disk Drive, one AC power supply and one fan for the 13500 and TE2000 Appliances	CPAC-SPARES-13500
Replacement 500G Hard Disk Drive for 13500 and TE2000 Appliances	CPAC-HDD-500G-13500
Replacement DC power supply for 13500 and TE2000 Appliances	CPAC-PSU-DC-13500
Replacement fan for 13500 and TE2000 Appliances	CPAC-FAN-13500

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