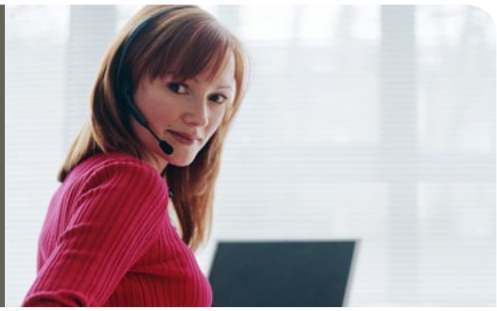
Firewall/VPN Appliance for Home Offices and Small Offices



The TrustGate 62 is an extremely powerful Dual-WAN firewall with DMZ. Besides protecting against attacks, it supports VPN tunnels to encrypt and decrypt all data sent between the TrustGate 62 and, for example, the main office.

- Graphical Traffic Statistics information
- 3 x 10/100BaseTX auto-MDI/MDI-X ethernet interfaces and 2 x USB 2.0 ports
- 50 Mbit/s throughput encryption performance
- Wireless broadband (3G/UMTS) via USB for WAN load-balacing and fail-over
- Traffic Shaping via QoS Classification - excellent for VoIP
- Easy-to-use browser-based graphical user interface for configuration

TrusGate 62 has a number of features working together to support non-stop VPN. The built-in CA server allows you not only to save time but also considerable cost, as no 3rd party Certificate Authority is needed.

The TrustGate 62 is also supported by GateManager™ for easy, centralized configuration, backup and monitoring. Management with GateManager™ is very secure, with all communications encrypted.

- Dual-WAN with WAN failover for 24/7 Internet
- 100 Mbit/s stateful inspection firewall with intrusion detection
- 50 Mbit/s throughput with AES encryption in VPN tunnel
- DMZ interface
- WiFi hotspot Option via USB
- Up to 25 IPSec VPN tunnels
- Unlimited users and 5000 concurrent connections
- X.509 digital certificates
- 802.1x user authentication
- Traffic Shaping via QoS Classification - excellent VoIP support
- Easy and secure configuration of VPN tunnels via EasyTunnel™
- Centralized management via GateManager™

Unique Specifications

EasyStart (Appliance Launcher) Enabled

The EasyStart Appliance Launcher is a Secomea's setup wizard program which makes it easy to make initial contact to and configuration of Secomea TrustGate appliances. The EasyStart Appliance Launcher is delivered free of charge.

EasyTunnel Server/Client Enabled

EasyTunnel makes it effortless to install and service VPN tunnels – Easy, quickly and securely. Using EasyTunnel™ Server on the TrustGate 62 central VPN gateway, you can centrally preconfigure all new TrustGate appliances as EasyTunnel Clients. Once the remote TrustGate is turned on, the negotiation of the digital certificate X.509, establishment of the VPN tunnel and the configuration is done automatically.

TrustGate SoftClient enabled

The TrustGate SoftClient is a software VPN client for road warriors with Secomea's unique EasyTunnel™ Client for easy VPN tunnel setup. The TrustGate SoftClient using EasyTunnel is complient with TrustGate supporting EasyTunnel Server.

WiFi option

With the TrustGate WiFi USB option, the TrustGate 62 can be used as an access point for Wireless intranet. It supports WiFi (802.11g) adapter with two distinct WLANs (with separate SSIDs and WPA/WPA2 keys) and is an integrated part of the LAN functionalities.

VoIP Ready

There are many ways to do QoS – "Quality of Service" – covering everything from just stating QoS as a feature on a product sheet to the extended solution Secomea has created. Secomea's implementation of QoS classification is placed in the top end of the scale, providing a firm foundation for traffic shaping in the entire range of TrustGate appliances.

DMZ network

For the DMZ network you can specify individual firewall/NAT/QoS rules and DHCP server.

Load-balancing

On all TrustGate with dual-WAN or triple-WAN, it is possible to set-up load-balancing between the WAN ports, optimizing your total bandwidth capacity. With the Advisory Routing feature you can additionally specify which port a given outgoing protocol should always use.

Fail-over / Fail back

On the On all TrustGate appliances with dual-WAN or triple-WAN, it is possible to specify priority of each WAN interface. As an extended feature in the TrustGates, this does not only apply for the internet connection but also for the VPN tunnels, ensuring an extremely high up time.

GateManager Enabled

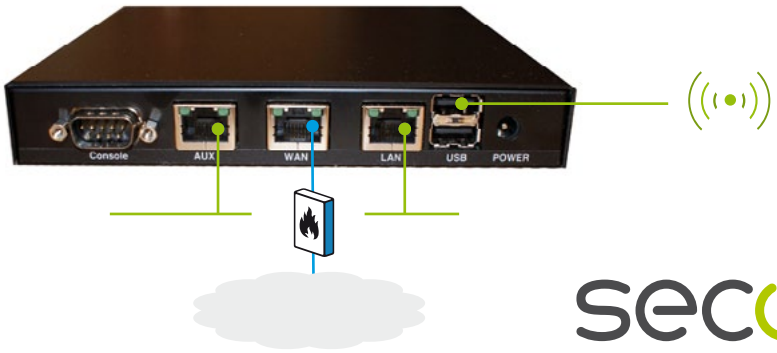
GateManager™ enabled for easy, centralized configuration, backup and monitoring for remote service and maintenance of Secomea TrustGate appliances. The GateManager is available both as a hosted service and as a stand-alone software package.

Agents Enabled

Agents facilitate immediate resolution of issues / problems and exceed customer service expeditions. On all TrustGate appliances, it is possible to utilise the agents for central monitoring and remote service through the GateManager. Included is a Tunnel agent for monitoring VPN tunnels, an SNMP agent for printers, switches, and servers, a remote desktop agent for PCs, a ping agent for detecting the dead/alive status of the network appliance or the internet connection. These agents are supported in the GateManager alert module for immediate notification.

Traffic Statistics

On the front page, a graph will show the load during the last 30 minutes of each WAN interface, as well as VPN traffic, to help identify potential bottlenecks that you may have.



TrustGate

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Technical Specifications

Hardware

- 500 MHz Processor
- Power: 100-240 VAC, 50-60 Hz, Autoswitching
- Dimensions, unpacked: 155x150x30mm, 950g
- Dimensions, packaging incl.: 31x18x9cm, 1.08kg
- 1-year Warranty
- Approvals: UL 1950, CE + EMC (VPN)
- Network Interfaces: 3 x 10/100BaseTX (WAN/LAN/AUX). AUX port is used for DMZ
- 2 x USB 2.0 (for WiFi and 3G/GPRS)

Firewall

- Stateful Inspection technology
- 100 Mbit/s Firewall performance
- Configurable rules controlling incoming and outgoing traffic
- Rule organization with firewall chains
- Configurable intrusion detection
- MAC address restriction

Services

- Support for dynamic IP on WAN via dynamic DNS service
- DHCP server on LAN and DMZ interfaces with support for DHCP static lease
- DNS Proxy for own DHCP clients
- 2 WINS Server addresses via DHCP
- IP-address white listing for access to Internet
- Cisco Call Manager

VPN

- IP Sec ESP Tunnels, LAN to LAN VPN
- 25 Tunnels
- AES encryption with fall back to 3-DES or DES
- Tunnel performance AES encryption throughput 50 Mbit/s
- Tunnel compression
- Support UDP Encapsulation (NAT-T)
- SHA-1 and MD5 Authentication
- Self-signed and CA-signed X.509 digital certificate
- Trust CA-signed certificate
- Pre-shared key
- Dead peer detection
- Tunnel failover (non-stop VPN)
- VPN bundling (non-stop VPN)
- Many configurable and built-in features to support third-party VPN compatibility
- EasyTunnel™ Client

Options

- Secomea Easy Service . Includes GateManager™ for centralized management.
- Upgrade from the standard 1-year Firmware Maintenance Service (FMS) to a total of 3 years. Includes access to the firmware with the latest features and functions as well as general service updates.
- Secomea WiFi USB adapter for turning the TrustGate into WiFi 802.11 b/g hotspot (802.11 n available with future firmware upgrade)
- 3G/GPRS USB adapter for additional WAN connection. Use your own ISP provided modem, or buy it from Secomea.

Routing

- Choice of WAN IP-assignment mode - DHCP client, PP-PoE client, manual/static
- Choice of static or DHCP/PPP assigned DNS
- Support for primary and secondary DNS
- Private Master DNS
- Support for Static DNS
- Dual-WAN with load balancing and Advisory Routing.
- WAN failover including failover to 3G/GPRS (24/7 Internet)
- Proxy ARP on LAN and DMZ
- WiFi Hotspot support via USB adapter. Individual configurable SSIDs and firewall rules for LAN and an extra WLAN (guest network)
- VPN Router (default VPN Gateway)
- 50 Static Routes
- Traffic shaping via QoS Classification (ToS/DiffServ) - excellent support for VoIP
- Configurable NAT and NAPT rules of both source and destination addresses

Management

- EasyStart (Appliance Launcher) for initial contact
- Local and remote (SSL) browser-based configuration and maintenance
- "Drag and Drop" Firewall and NAT rules
- Firmware upgrade
- Export/import configuration (XML)
- Extensive online help
- System and firewall logs with search and filtering
- Remote Syslog Server
- SMTP e-mail forwarding of logs
- Network Time Protocol (NTP)
- Status overviews: Systems, Tunnels (with tunnel grouping), Network (incl. TOP talk) and Extended
- Ping/Trace Tool

Vital statistics	TrustGate 62
Network interfaces	3x10/100BaseTX LAN/WAN/AUX 2xUSB 2.0
Users	Unlimited
Stateful Firewall engine performance	100 Mbit/s
AES encryption engine performance in tunnels	50 Mbit/s
Concurrent connections	5.000
Number of VPN tunnels	25
Integrated CA (certification authority)	Yes
EasyTunnel™ Server	Yes

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Rev. 2011-12-30. Specifications are subject to change without prior notice.

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