TTI SSL Gate

TechTrex Inc.

TTI's SSL Gate is a high-capacity security
gateway for payment transaction hosts.
It allows the capability to take advantage of the
efficiency & cost-savings benefits of TCP/IP
protocol and Internet communication.

TTI SSL Gate is designed to be easily integrated
with transaction hosts via TCP/IP, or Serial.

With our SSL Acceleration technology, we are
able to process up to 80 SSL TPS* using full 128-bit
SSL encryption and optional authentication.

F e a t u r e s

·Scalable

·Full 128-bit SSL encryption

·Optional Digital Certificates for enhanced security

·Supports TCP/IP and Serial for host connectivity

·Dial modem emulation to support modem pool emulation

·Interoperable with the TechTrex secure IP enablement device for

Asynch to IP support at the POS

·High availability capability by active redundancy between two TTI SSL Gate systems

·Hardened security layer intermediatesaccess to all resources

·Web-based remote access via secure connection

·Intuitive Web management interface

·Pre-tested and configured for ease of deployment and management

* TPS: Transaction Per Second

Specifications

Physics	Intel® Pentium® 4 2.4 GHz 256MB DDR RAM 1 serial port (COM 1 rear port) 4 USB ports (Rear * 2/ Front * 2) 60G HDD 1 Slim CD-ROM drive 16x2 LCD Display Panel	**Power Supply**	200 TPS basic (No accelerate card) 1K TPS with accelerate card, memory add to 1G Support for high-availability2-node clusters with built-in load-balancing and stateful authentication fail over. Support for load-balanced arrays using standard external load balancers
	1 1000 Mbps Ethernet 1 10/100 Mbps Ethernet	**Chassis**	SSL V2, V3, TLS 1.0 Built-in Packet Filter Firewall No direct connections to the network TCP/UDP port restrictions Server-side digital certificates Username/Password Client-side digital certificates
	CPU/chassis temperature monitoring System FAN, Power FAN, CPU FAN Chassis intrusion detection		
Network	200W max. output Active PFC Full range 100~240V	**Environment**	SSL to TCP interface with HOST SSL to RS232 interface with HOST Service switch by port
	1U rack mount form factor Dimensions – 16.9"W x1.7"H x 23.9"D (43cmW x4.3cmH x 60.9cmD) Fans – 5 ball-bearingexhaust fans	**Reliability**	Secure Web-based management Secure Shell management (SSH)
H/W Monitoring	Operating temperature 5ºC to 35ºC (41ºF to 95ºF) Non-operating temperature -40ºC to 70ºC (-40ºF to158ºF) Non-operating humidity 95% RH at 30ºC (86ºF) Non-operating shock 50g,11msec		Has high reliability and 99.999% machine up time Switch service according to the difference of ports and has no effect to TPS
Power Supply	Provides User Manual and relevant documen Provides training materials forcustomers.	**Package content**	View logs and performance information via browser Event alarms via email and SMS notification SNMP integration

Imagine having the capability to support secure Internet connectivity into your transaction host and allow POS systems to connect directly into a DSL or Cable broadband connection for lightning fast and secure authorizations.

POS Terminal   ConverTrex SP1X   TTI SSL Gate   Host/Processor

internet with 128-bit SSL

(optional TCP/IP or serial connection)

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