

## Features

- Remote Access
  - World-wide Connectivity
- Central Administration
- Separate User/Device Authentication
- High Availability/Reliability
- Browser-based User Interface
- Administration Functions
  - Activate Devices
  - Add/Disable/Delete Users
  - User Privileges
  - Groups
- Secure
  - SSL
  - AES 128-bit Encryption

The TCG-1000 facilitates connections between remotely-located, serial-enabled devices attached to a Connectivity Server to users running the Connectivity Client as part of the Traversix Connectivity System. The Traversix Connectivity System provides an end-to-end solution for world-wide connectivity to previously inaccessible serial devices—even for devices behind firewalls, without any changes to the firewall or application.

### Facilitates Communication

The Connectivity Gateway is the key to communication between Connectivity Clients and Connectivity Servers. When a Server is powered on, it connects to the Gateway and continually maintains that connection. After a Client is authenticated, the Gateway provides a list of Servers/Ports that the Client has authorization to use. When the Client requests a specific Server/Port, the Gateway establishes a secure, encrypted stream between them. The Gateway multiplexes connections enabling a Client to connect to multiple Servers and vice-versa.

### User/Device Authentication Separation

The Connectivity Gateway authenticates users and devices separately, greatly simplifying and enhancing system administration. User access and privileges can be modified independently of devices; significantly enhancing security and reducing the administration issues associated with a distributed authentication architecture.

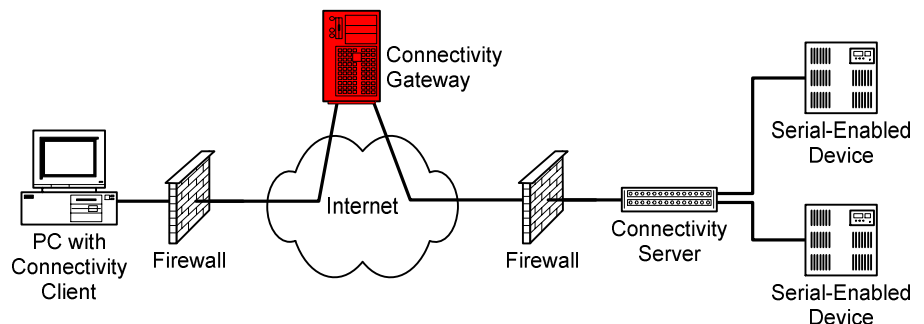
### Central Administration

The Connectivity Gateway allows corporate administrators to manage access and configuration of both Connectivity Servers and Connectivity Clients through a web-browser. Account administrators can activate/deactivate devices, select which users can access which devices (and which device ports), and add/delete/modify user accounts. They can also see usage statistics and rename devices/ports with descriptive names.

### Strong and Silent

Although the user typically only sees are the Connectivity Client and the Connectivity Server, the Connectivity Gateway operates 24/7, processing thousands of transactions per second. Reliability and robustness are integral to its design and deployment.

## Traversix Connectivity System



### Subscription or License

The TCG-1000 Connectivity Gateway is available on a subscription or software license basis. As a subscription service, subscribers pay a flat, unlimited access monthly fee per Traversix Connectivity Server. The Traversix Gateway is housed in a secure data center with the redundant computing, power, and communications expected in a high availability system, providing the robust connectivity users require.

For customer that prefer to host their own Connectivity Gateway, a TCG-1000 software license is available for enterprise customers. An enterprise-hosted Connectivity Gateway has all the capabilities of the Traversix-hosted Connectivity Gateway. The Gateway is available on a highly redundant, robust platform or a basic computing platform, depending on the customer's availability/reliability requirements. To simplify installation, the Traversix-hosted Gateway acts as a clearinghouse for Connectivity Servers, redirecting them to their assigned enterprise Gateway.

## Specifications and Requirements

Model	TCG-1000, Version 1.3
Server Hardware	Operates on Intel processors, 450 MHz and up 2.4 GHz CPU and 512 MB RAM recommended
Setup	Software pre-loaded at factory Browser-based configuration once on site
Administration	Browser-based central administration of user accounts and Connectivity Clients
Encryption	AES 128-bit SSL
Logging	Client / server connection attempts Client attachment to device ports Client / server disconnections
Operating System	Microsoft Windows 2000 Microsoft Windows XP Red Hat Linux 9