



Create an Enterprise Bubble around your Network with the Trusted Gateway™

The contents of your networks, the digital data, information, and valuable intellectual property of your enterprise come in many forms, with various levels of sensitivity. Emails, spreadsheets, presentations, and applications fit into such categories as public, confidential, and proprietary sensitivity levels. To secure the accessibility, confidentiality, and integrity of all of this data today requires separate networks to be deployed—practically one for each sensitivity level. A CEO, CFO, or CTO who needs access to multiple sensitivity levels now needs a computer and login for each level of access they require.

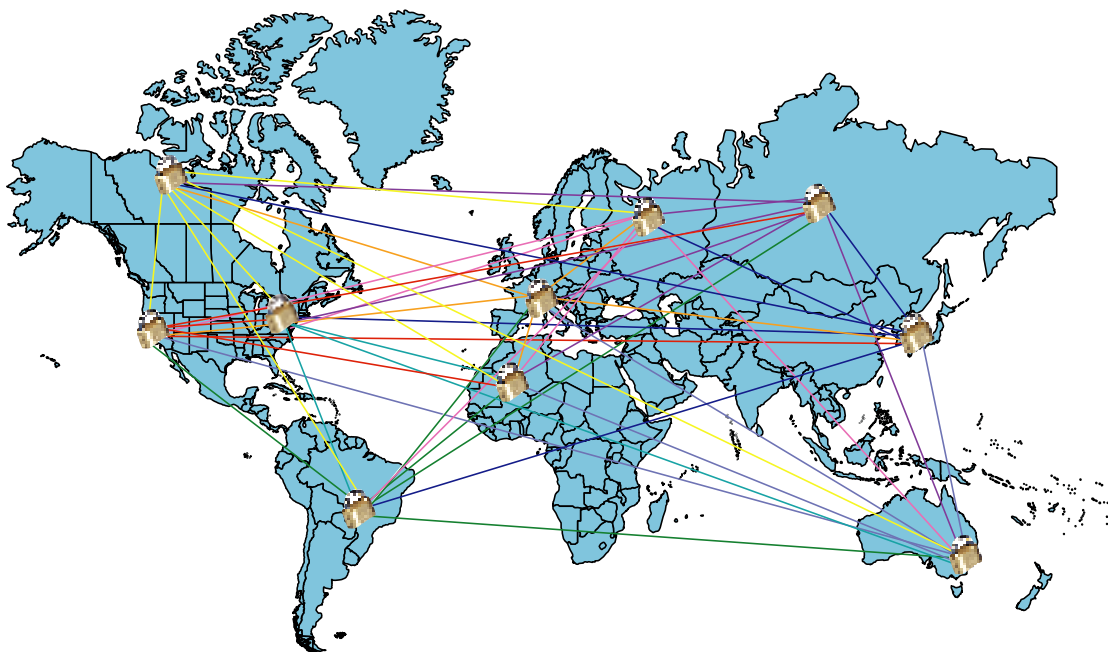
The DigiGAN Trusted Gateway (TGW) is a comprehensive, DoD flavor, secure VPN environment software solution that is designed to secure data transmission on, and protect access to all networks, even those running at different sensitivity levels. Based on proprietary SunScreen SKIP technology developed in 1995, and unlike all other mathematically based VPN's, the TGW is not susceptible to man-in-the-middle hi-jack attacks, identity spoofing, or even data injection attacks.

The TGW is a DoD flavor secure VPN environment due to the fact that unlike other VPN's, which do not discriminate the class of transmitted data, the TGW that cares about the sensitivity of the data it passes.

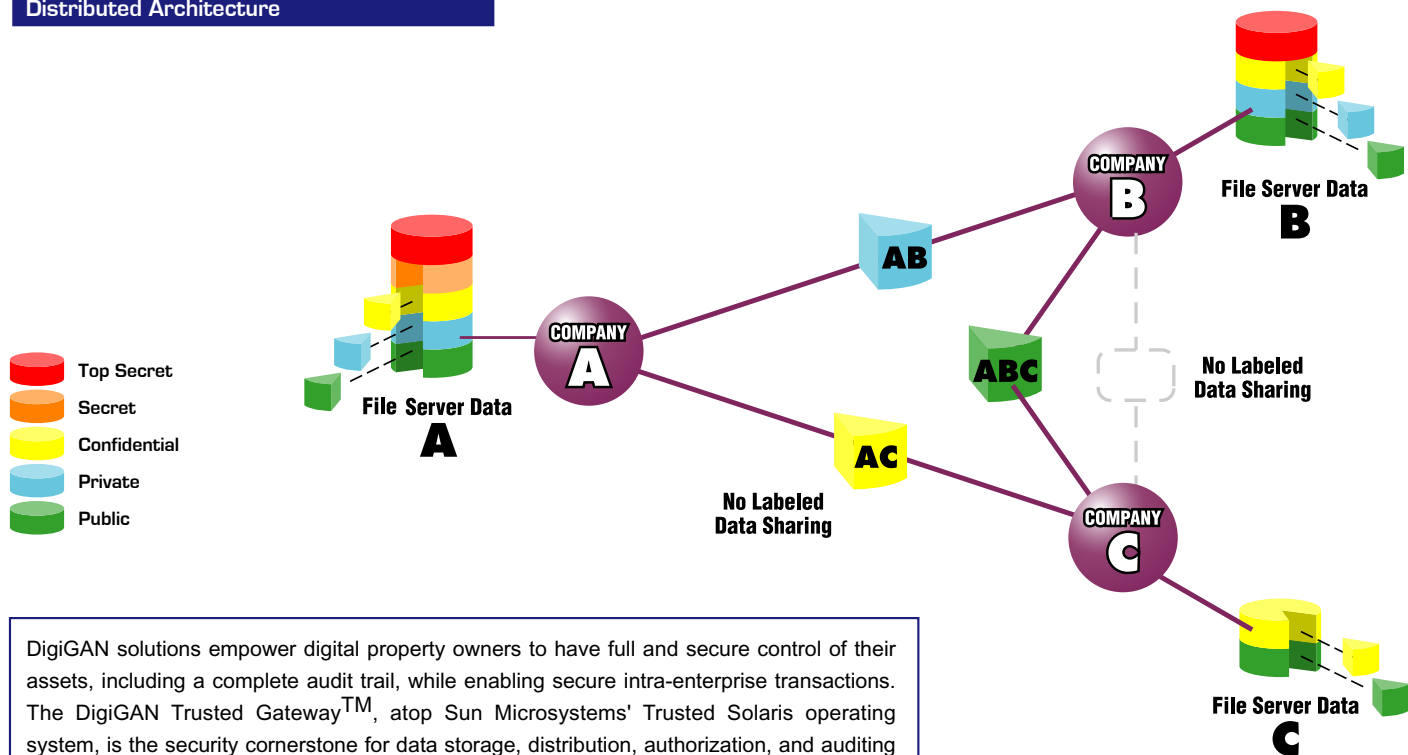
The Trusted Gateway creates a trusted network environment that allows the management and integration of networks with different sensitivity levels, forming a single network that offers a higher level of security and management than anything possible today. The Trusted Gateway enables a Trusted Virtual Private Network (TVPN) to connect LANs distributed worldwide through any network, even over an unsecured backbone, such as the Internet.

With a TGW in place at each perimeter, no insider can grab any sensitive file, i.e. any file labelled above public, and simply email it to their hotmail or yahoo email accounts; rather, the TGW would disallow the transmission, log the attempt of data theft, and notify the administrator.

DigiGAN's TGW product is the only VPN that can provide trusted, fault-tolerant, hot-connect feature, critical to the secure and successful operations of government, banking, and enterprise level institutions that cannot experience downtime. The Trusted Gateway is impervious to denial-of-service attacks as well.



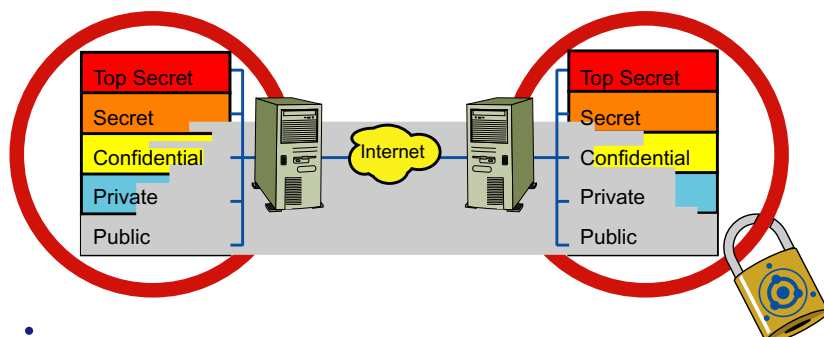
Distributed Architecture



DigiGAN solutions empower digital property owners to have full and secure control of their assets, including a complete audit trail, while enabling secure intra-enterprise transactions. The DigiGAN Trusted Gateway™, atop Sun Microsystems' Trusted Solaris operating system, is the security cornerstone for data storage, distribution, authorization, and auditing for all digitized forms of Intellectual Property, such as project bids and production budgeting. The Trusted Gateway creates a trusted network environment that allows for the management and integration of networks with different sensitivity levels to secure the accessibility, confidentiality, security, and integrity of all data. The Trusted Gateway also creates a Trusted Virtual Private Network (TVPN) to connect LAN's distributed worldwide through any network, even over an unsecured backbone such as the Internet.

Features

- ⌘ Simultaneously connect and secure transmissions to and from any number of same or different leveled security domains
- ⌘ Requires significantly fewer physical computers and less administrative overhead
- ⌘ SKIP Encryption occurs transparently and is performed at the IP layer, rather than today's common and less secure application layer method
- ⌘ Exchange information with any number of communities or partners who need access to varying levels of enterprise data
- ⌘ Each TGW packet contains its label, destination, and intended recipient
- ⌘ Data can only be opened by the intended recipient
- ⌘ Provides a DoD level of absolute information assurance incorporating auditing, authentication, non-repudiation, and forensics
- ⌘ Protects all data at the IP packet level, allowing retention of the original label at all times
- ⌘ Superior audit and forensics tool captures all network activity in real-time
- ⌘ Seamless interoperability with UNIX, Linux, Novell, and Windows NT systems
- ⌘



Technical Specifications

System Requirements

- ⌘ Operating System: Trusted Solaris 2.5.1; 8 (available June 2003)
- ⌘ Minimum Disk Space: 20 MB
- ⌘ System Memory: 128 MB
- ⌘ Network Interface: Must have at least two network interfaces that are supported in Trusted Solaris 2.5.1

Supported Protocols

- ⌘ IPSec
- ⌘ SunScreen SKIP
- ⌘ PKI - bit strength up to 2048-bit
- ⌘ SSL v.2/3, TLS 1.0
- ⌘ 56-bit DES CBC and 156-bit Triple-DES



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