WatchGuard®

ServerLock™

[**Today, every server needs a lock. Only you should have the key.**]

WatchGuard® | **Simply Smarter Security**

TECHNOLOGIES, INC.

A New Internet Security Challenge

Recently, hackers have devised new ways to steal or damage the valuable business information stored on your servers. They have learned to hide the attacks in legitimate traffic through your firewall. And when the attacks come from malicious personnel inside your company – as over 38% of such attacks do – your firewall offers no protection at all.

Here is what can happen:

- **Unauthorized Changes to Web Pages, Scripts, and Content.**
  Your corporate web pages can be defaced and web site data can be changed, resulting in lost business and lost customer confidence.

- **Destruction or Alteration of Customer Information and Records.**
  Your customer records can be destroyed or changed, files can be deleted, and server system settings can be altered, resulting in missing information or inaccurate information being used to make decisions.

- **Diversion of Customer and Business Traffic.**
  Your confidential electronic business correspondence and trans-action traffic can be diverted to inappropriate locations, or monitored from unknown locations.

Security Solutions from WatchGuard® Technologies

Firebox™ System:
Plug-and-Play Firewall and VPN for Every Sized Office

VPN Manager:
Instant VPN and Centralized Management of Multi-Site VPN Traffic

ServerLock™:
Server Security and Secure Administration

Introducing WatchGuard® ServerLock™

WatchGuard® ServerLock™– security software for your network servers – solves the problem. WatchGuard ServerLock stops unauthorized changes and protects the integrity of your business information.

Simply install WatchGuard ServerLock on your public web servers to protect the integrity of information shared with your customers, and install WatchGuard ServerLock on your internal servers to ensure vital records and data are never changed without authorization. Optional WatchGuard ServerLock Manager software makes it easy to centrally manage the security on all of your servers from one workstation.

WatchGuard ServerLock works independently, but combined with your firewall it offers the highest level of security for your business.
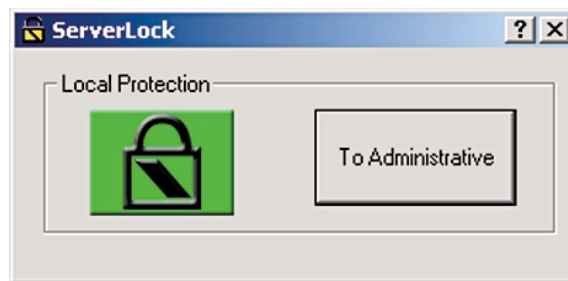
How WatchGuard ServerLock Works

The concept is simple. Even though network server administrative tasks are performed only intermittently, administrative functions are usually on and available around-the-clock. This makes it easy for those with malicious intent to wreak havoc once they enter the network. WatchGuard ServerLock solves this problem by restricting access to all administrative functionality, except when these tasks need to be performed by the authorized network administrator.

WatchGuard ServerLock places servers in either **Operational Mode** or **Administrative Mode**: In Operational Mode, your servers do the work they are supposed to do, whether providing web content, database access, or other services, while the access to perform any type of reconfiguration, reloading, updating, or system changes is prohibited. These tasks are done only in Administrative Mode. Network administrators must be authenticated before they're able to make administrative changes, through WatchGuard ServerLock's use of kernel-based public key encrypted communications channel.

Administrative Mode

Operational Mode
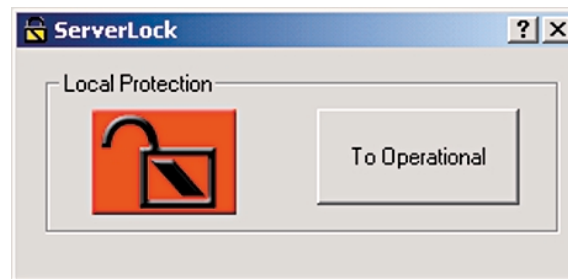
ServerLock's intuitive user interface enables you to switch from mode to mode at a click of a button.
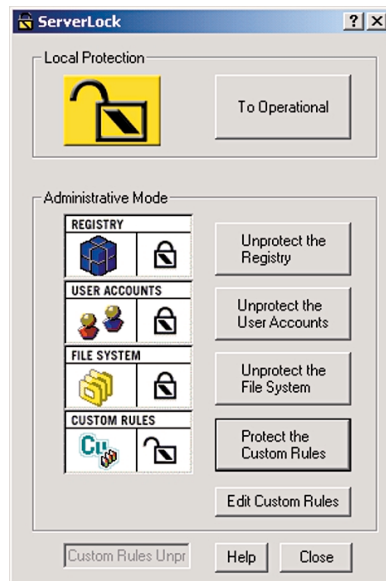
The WatchGuard ServerLock System—
A Closer View

The complete WatchGuard ServerLock System includes:

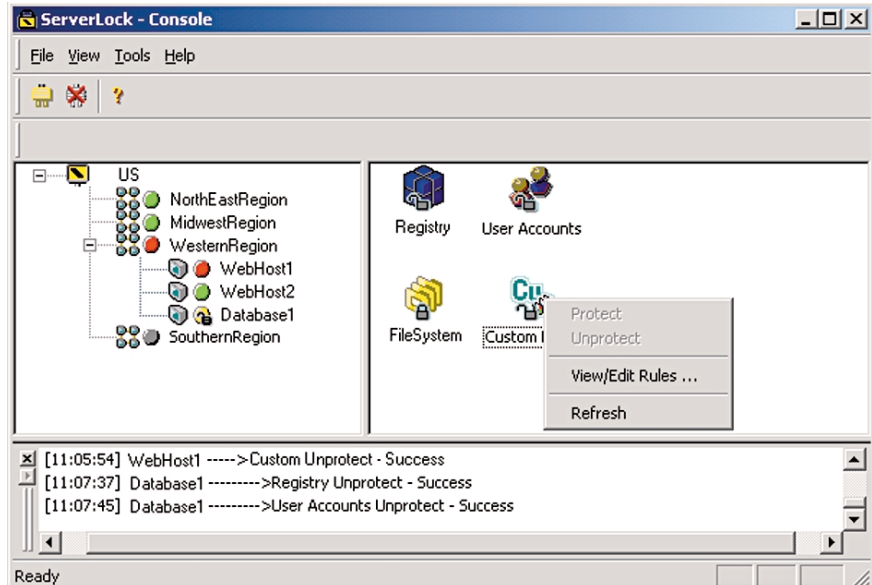- **WatchGuard ServerLock:**

  Ensures server content protection from internal and external attacks or errors. Install WatchGuard ServerLock on every server in your enterprise that you wish to protect. ServerLock can operate in Solo Mode, setting protection for an individual machine, or in Managed Mode, to be managed remotely through the WatchGuard ServerLock Manager.

ServerLock in Solo Mode

ServerLock in Managed Mode

Icons show red, yellow and green to easily and intuitively indicate the protection status in force at every level across your enterprise.

- **WatchGuard ServerLock Manager:**

  Controls the integrity of servers across your enterprise. With a simple and elegant user interface, WatchGuard ServerLock Manager is easy-to-use, secure, and powerful. With a click of the mouse you can configure security rules, assign server groups, and set server protection levels as you wish—at any level of detail you require.

  WatchGuard ServerLock Manager uses a combination of kernel-based PKI, a 239-bit Elliptical Curve Cryptosystem (ECC) from Certicom, and triple DES encryption so that instructions and communications from the management console cannot be intercepted.

WatchGuard LiveSecurity™ Service:

Your WatchGuard LiveSecurity™ Service keeps your WatchGuard ServerLock System up-to-date and provides access to technical support. One year of WatchGuard LiveSecurity is included in your WatchGuard ServerLock purchase, and includes:

– ServerLock Software Updates
– Technical Support
– News and Expert Advice
– Threat Responses
– Online Training

The WatchGuard ServerLock Advantage

| TECHNOLOGY	TECHNOLOGY DESCRIPTION	THE SERVERLOCK DISTINCTION
Intrusion Detection	Scans for patterns of hacking behavior on the network or looks for tampering if host based.	No matter the intrusion, ServerLock is in place to protect your operating system and corporate data from the intruder.
Hardened OS	Configures the OS to reduce exposure to known security vulnerabilities.	ServerLock protects the integrity of your system configurations. The On/Off Dual Mode simplicity of ServerLock requires no patches or specialized security training.
Trusted OS	OS is built from the ground up. Can provide detailed audit history.	ServerLock does not require a customized OS. It is a device driver designed to work seamlessly with existing operating systems.
Firewall	Provides perimeter protection. Allows certain types of traffic to pass and rejects other traffic. Monitors traffic.	ServerLock works in tandem with the firewall to protect at the server level while the firewall provides vigilance and protection at the perimeter.
Access Control	Provides a traditional, hierarchical approach to distributed security according to individual user privileges.	With ServerLock, regardless of your privilege, protected resources cannot be changed while ServerLock is in Operational Mode.

ServerLock in Your Entire Enterprise
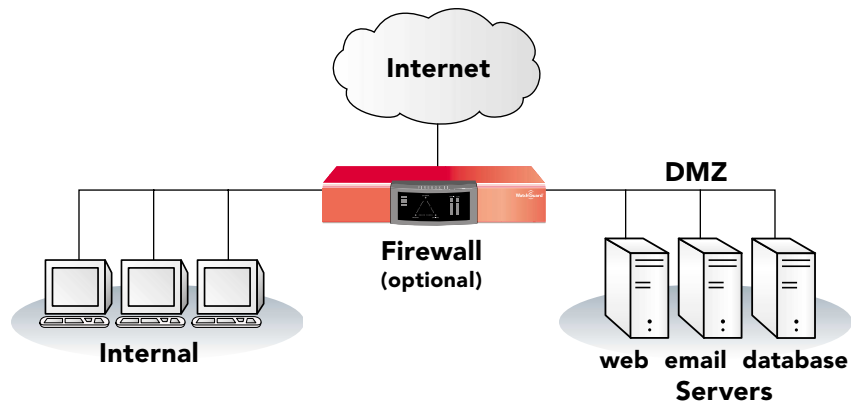
Necessary Protection:
WatchGuard ServerLock for Your Public Servers (DMZ)

Your public web servers in the DMZ are the most vulnerable points of your network. Install WatchGuard ServerLock on each public server so you can conduct e-commerce with confidence.
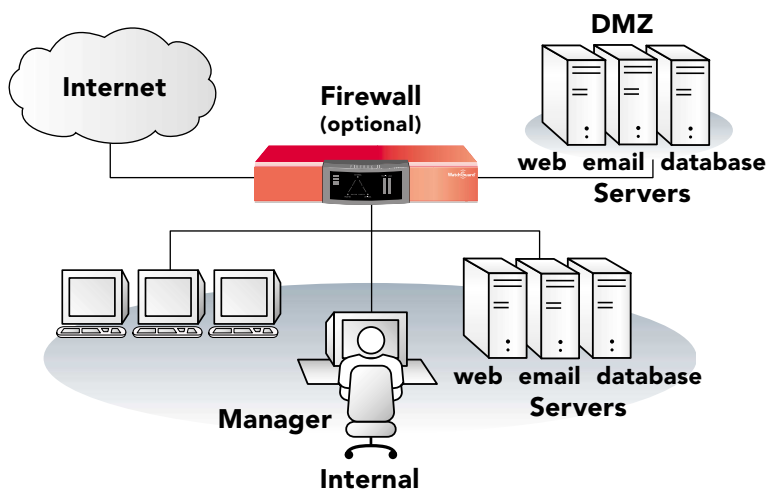
Small Enterprise Protection:
WatchGuard ServerLock Inside and Out

You may have a range of web servers, email servers, and databases residing in your DMZ, as well as your internal systems located behind the network perimeter. Install WatchGuard ServerLock on your public servers and within your internal network, and manage it all from a single WatchGuard ServerLock Manager. Complete visibility, robust security inside and out.
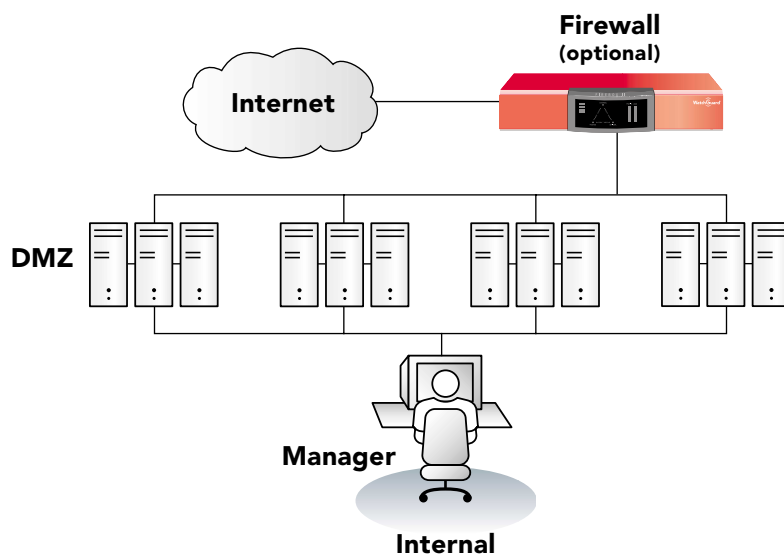
Large Enterprise Protection:
For Web Hosters, ISPs, ASPs, and Large Organizations

You may have servers in Boston, Los Angeles, Tokyo, and London. You may even be managing them on behalf of several customers in a hosted environment. Install WatchGuard ServerLock on each server, then use WatchGuard ServerLock Manager to organize your servers in the combination that best suits your needs: by customer or by function.

The Benefits of WatchGuard ServerLock

Turn the Lock On. It's that simple.

With the click of a mouse, you turn WatchGuard ServerLock on. It's that simple. In Operational Mode, the rules are set, and WatchGuard ServerLock enforces them. Enter the strong password, and make your updates while in Administrative Mode. Return to Operational Mode with another click of the mouse to secure your systems once again. ServerLock requires no specialized expertise and provides:

- Low CPU Performance Impact

- Easy Installation and Configuration

- Lower Operating and Management Costs

From WatchGuard ServerLock Manager's console, you can manage server security throughout your entire organization from a single location – even your laptop. WatchGuard ServerLock Manager delivers:

- Secure Centralized Management of Multiple Servers

- Monitoring of Protected Servers

- Automatic Alerts/Reporting of Hostile Actions

- Configurable Protection of Individual Applications

About WatchGuard

Headquartered in Seattle, Washington, we are a leading provider of dynamic, comprehensive Internet security solutions designed to protect organizations that use the Internet for electronic commerce and communications. We operate sales offices throughout North America and also in Europe, Asia and Latin America. The award winning WatchGuard Firebox™ System is available in more than 50 countries through a worldwide network of authorized resellers. We also partner with Internet Service Providers worldwide who offer LiveSecurity managed services to their customers who wish to outsource their security needs.

For More Information

Please visit us on the web at www.watchguard.com to request a free informational CD-Rom, or contact the reseller below for more information.

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