

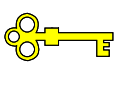
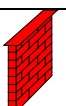


Secure Remote Management: Anywhere, Anytime




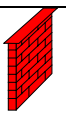
Nearly every industry poll and study ranks network security among the top issues facing network administrators. However, the umbrella term “security” can refer to a variety of topics and issues. Security is not only important for the safekeeping of your valuable data and resources, but also to keep hackers from disrupting your network operations. Whether the network is down or your information systems are compromised, your company’s profitability can suffer without proper attention given to enhancing security in several areas. Each one of the following items is an important piece in the total protection of your network’s resources.

Security Aspect	How does it work?
 Authentication	User logins and administrative passwords provide the first line of defense to control and manage those who have access to your system resources.
 Authorization	Each user is given permission to access only the systems that they need and prohibited from accessing those they don’t.
 Encryption	Data encryption involves changing messages into a format that only an authorized sender and receiver can understand. Encryption prevents passwords and important information from being viewed and stolen by hackers.
 Firewalls	Firewalls consist of filters on incoming data to protect the network from malicious attacks by hackers and unqualified personnel.

Most networks today have been designed with all of these issues in mind, but security awareness must be continually observed. New security threats arise with each generation of operating systems, application software, and network protocols. New security measures must be applied on a continual basis to counteract these threats.

If the network is attacked, remote access may be the only way to connect to network equipment, diagnose the problem and restore functionality. If your company has spent time and resources ensuring that the network infrastructure is secure, you don’t want to compromise it when you add remote-access capabilities. With Lantronix’ family of ActiveLinx Secure Console Servers, you can have both the flexibility of remote management and the peace of mind of security.

ActiveLinx Secure Console Servers offer robust security features to address each of the issues discussed above.

Security Aspect	SCS Features	Benefit
 Authentication	<ul style="list-style-type: none"> • PAP/CHAP for dial-up connections • RADIUS, LDAP, and NIS authentication support • SecureID and Kerberos authentication (some models) • Local user database 	<p>Secure Console Server products support a variety of authentication methods to interface with your existing network infrastructure.</p> <p>More than one method can be implemented and can be prioritized in order of preference for repeated attempts.</p>
 Authorization	<ul style="list-style-type: none"> • Administrator and user access levels • Per port permissions 	<p>Only administrators have the ability to make configuration changes.</p> <p>User profiles can restrict access to specific ports, so that users can only connect to the equipment they need to monitor.</p>
 Encryption	<ul style="list-style-type: none"> • SSHv2 secure shell • SSL (some models) 	<p>Encrypted data is externally unreadable and protected even when remotely accessed.</p>
 Firewalls	<ul style="list-style-type: none"> • Packet filtering • Reject or deny connection attempts • Invisible to Ping • Restrict TCP/UDP connections when not used 	<p>Firewall features make Lantronix' Secure Console Servers less visible to external networks, hackers, and unqualified personnel, thereby protecting it from potential security threats.</p>

Lantronix' ActiveLinx line of Secure Console Servers offer secure remote monitoring and management of all your network equipment, servers, and resources. Secure Console Servers protect resources and provide an effective way to quickly restore the network and minimize downtime in the event of an attack. With port densities from 1 to 48 ports, the ActiveLinx family of Console Servers offers solutions for virtually every installation from just a few servers to large data centers. For more detailed information on Secure Console Servers please visit: <http://www.lantronix.com/products/cs/index.html>.

