

## Enhancing Physical and Data Security through M2M Intelligence

In virtually every industry, guarding corporate and customer data, protecting company property and ensuring employee safety are among the most important and challenging responsibilities companies face.

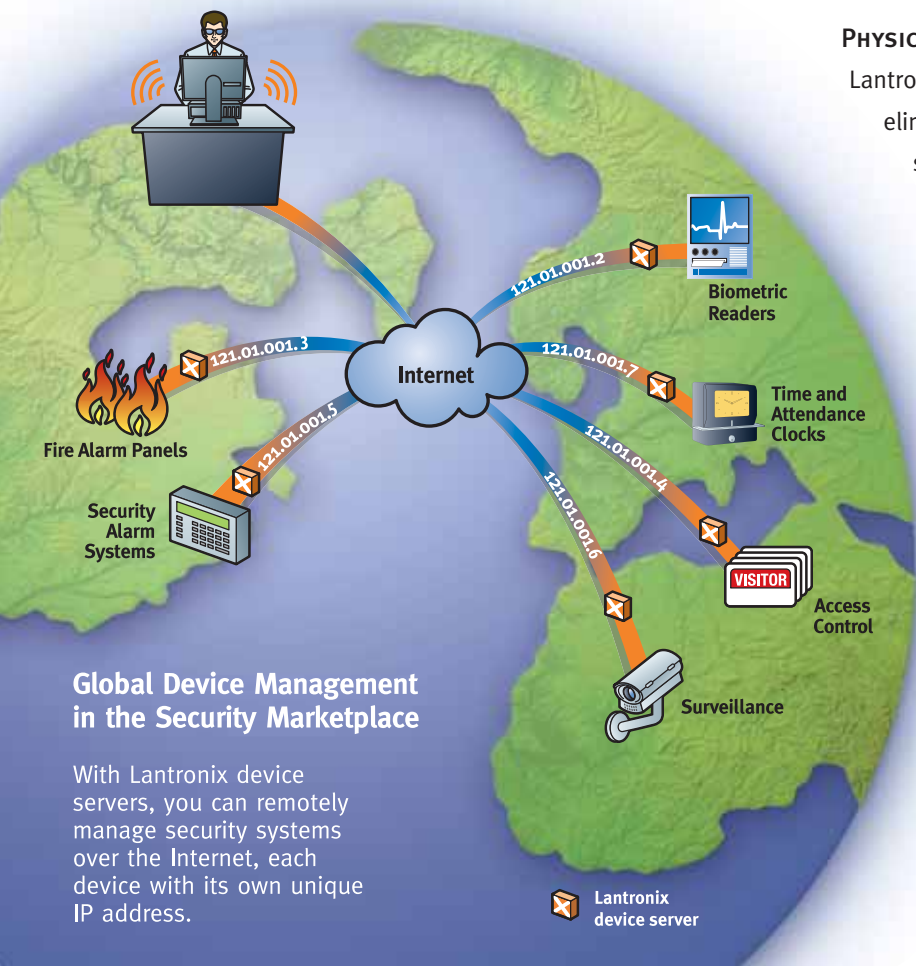
By enabling physical security system providers to equip their devices with network connectivity, Lantronix® is pioneering the remote access and management of physical security systems, including access control panels, biometric readers, surveillance cameras and fire systems. And by offering device servers and IT management products with AES encryption, along with advanced visualization products, we lead the market in secure remote data center management, data security and computer asset security.

- **Physical security** – eight of the top 10 security device manufacturers and hundreds of systems integrators are Lantronix customers.
- **Data security** – institutions like government, banks and hospitals employ our products to safeguard the privacy of patient records, financial data and other sensitive information.
- **Secure remote data center management** – our SecureLinX™ console managers and Remote KVM™ products give you advanced data encryption and authentication, and allow computers and servers to be stored in a secure environment.
- **Vault security** – our signal extension and switching products enable you to keep computer assets in a secure area while limiting remote terminal access to authorized personnel.

### PHYSICAL SECURITY

Lantronix products deliver a cost-effective, reliable solution, eliminating the excessive wiring and redundant computer systems long associated with security systems. By network-enabling security systems, they can also deliver a payback that's next to immediate by eliminating the need for costly leased phone lines.

Building Lantronix products into your physical security system adds a whole new dimension of intelligence and dependability. For example, a fire alarm system network-enabled with Lantronix products can continually monitor itself to ensure that everything is functioning correctly at all times. If any irregularity is detected, it can be diagnosed and often corrected remotely, reducing service calls and their related costs. Plus, you have remote, 24/7 access to each networked security device, so you can always see what's going on and respond quickly.





### VAULT SECURITY

Vault security, the concept of keeping sensitive data and computer assets in a secure area, is becoming increasingly important in all business sectors. Our Lantronix Lightwave™ line of visualization products extend computer signals great distances over fiberoptic cable without loss of resolution, allowing the computer source to be located in a convenient, secure environment while the signal is routed to a remote display. Our secure multi-interface matrix switching products enable signals to be transferred between computers and user destinations, so authorized users can utilize different computer systems without needing physical access to the equipment. This enables businesses to keep sensitive data and computer assets in a secure area, greatly reducing the possibility of theft or other security breaches.

### DATA SECURITY

Data security and privacy are of primary concern not only to institutions such as the government, major banks, healthcare facilities and universities, but to companies of all sizes around the world. Lantronix offers the only device networking and data center management products with a NIST-certified implementation of Advanced Encryption Standards (AES) encryption as specified by FIPS-197. With Lantronix products, secure serial device connections can be extended across a facility or around the world.



Companies like Honeywell, Siemens, Kaba Benzing, Stanley and Bosch already trust Lantronix products in their security systems. For example, Honeywell has incorporated our SecureBox™ device server into its enterprise security systems. SecureBox provides an end-to-end solution for network-enabling physical assets such as building security control panels, and ensures that data from these devices can be securely transmitted over a network or the Internet. Its exceptional ease of integration enabled Honeywell to meet tight, government-imposed deadlines and provide secure data communications and remote control of networked devices at government facilities. They have also implemented Lantronix's UDS10 device server into their fire, security and process control systems.



Another example is a major biometrics manufacturer that has incorporated Lantronix' Micro embedded device servers into its hand geometry biometric readers that are used to restrict access to secure areas in airports and other facilities. The

Micro enables the hand reader to authenticate a person's handprint locally and instantly compare it against a network database. This eliminates the expense and potential delay of transmitting data via leased phone lines.

### SECURE REMOTE DATA CENTER MANAGEMENT

Lantronix's SecureLinux™ line of secure remote data center management products enables centrally-located personnel to monitor, manage and respond to globally-distributed networks and systems. Companies can reduce service costs and system downtime while empowering IT managers and staff to securely, remotely and proactively access and troubleshoot equipment around the clock, even if the network is down. SecureLinux products also provide the authentication, authorization, encryption and firewall features needed to preserve data security and prevent hackers from disrupting operations.



### Example Applications:

- Security Access Control Panels
- Fire Alarm Control Panels
- Biometric Readers
- Time and Attendance Systems
- Electronic Badge Systems
- Surveillance Cameras
- Data Center Equipment
- Government Facilities