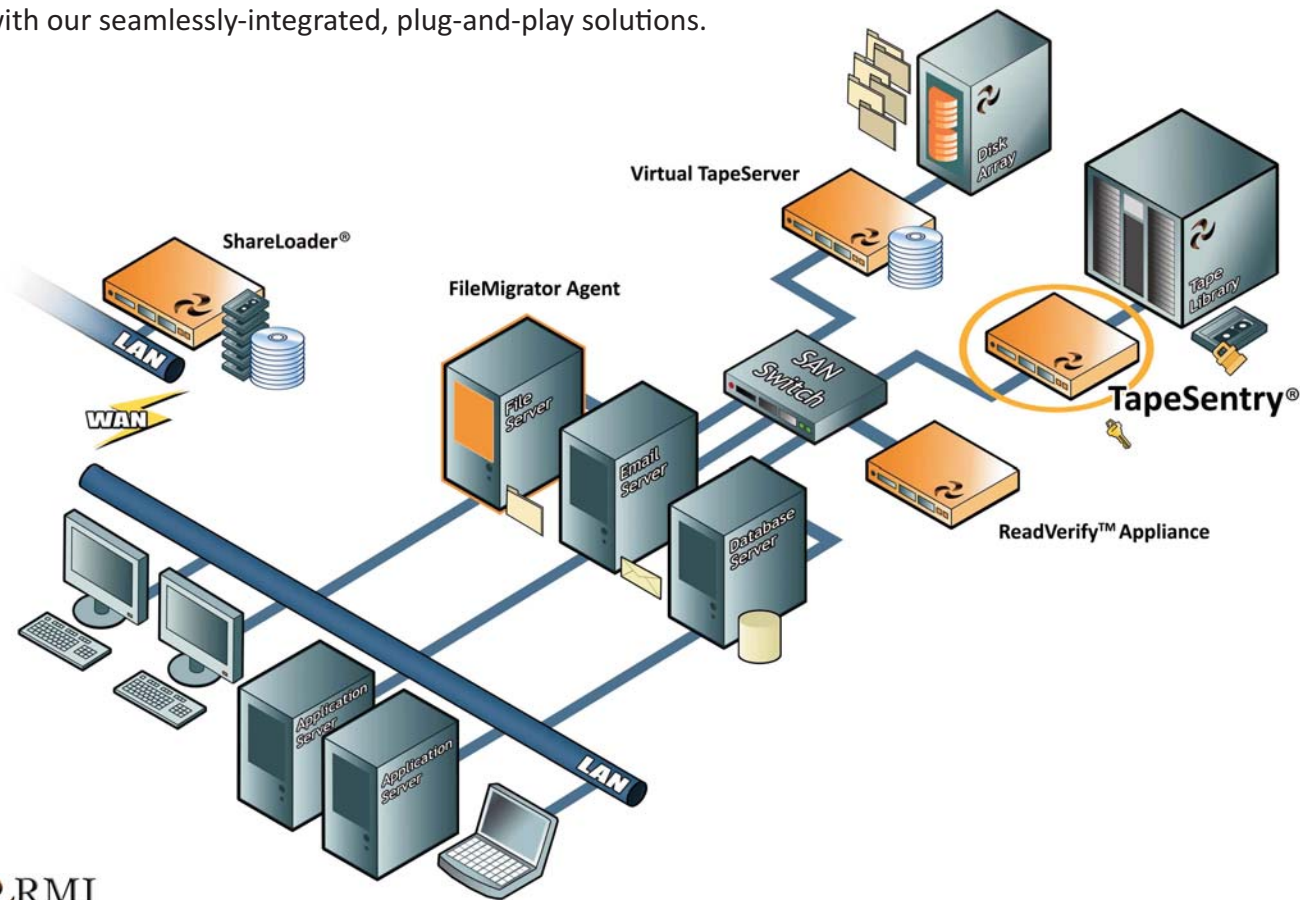


# Crossroads Solution Suite

Crossroads Systems offers the perfect combination of storage and security with our seamlessly-integrated, plug-and-play solutions.



Crossroads **Router Messaging Interface (RMI)** provides a high performance, low-latency router core for network-level security and services—a platform for higher-level storage and security solutions.

Crossroads **TapeSentry** appliance offers cost-effective, router-based tape encryption and delivers complete security and heterogeneous interoperability.

# TapeSentry®

## Is Your Data Protected from Unauthorized Access?

### TapeSentry Delivers Maximum Security to Stored Data on Tape

Delivering cost-effective, high performance data encryption, TapeSentry secures your data from unauthorized data access, theft and loss.



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#### ABOUT CROSSROADS

Headquartered in Austin, Texas, Crossroads Systems delivers flexible solutions to connect, protect, secure and restore business-critical "data-at-rest." Crossroads (symbol: CRDS) is currently traded on Pink Sheets and also posts its financial disclosure reports, press releases and other related documentation on the OTCIQ web service of the Pink Sheets website. For more information, please visit [www.crossroads.com](http://www.crossroads.com).

Crossroads promotes institutional and personal environmental responsibility within the company, with our partners and with the users of our products. We are committed to providing the best products and services while encouraging practices consistent with sustainable living and resource conservation.

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# Ensure Complete Data Security with TapeSentry

## TapeSentry Highlights

- High Performance Data Encryption
- Centralized Key Management
- Eases Complexity
- Integrates Easily
- Installs Quickly

As a result of visible data breaches, privacy laws, and an overall explosion in the growth of data within corporations, enterprises are confronted with a need to have a more economical, long term, scalable, backup strategy. Tape has long been an ideal medium to meet these requirements because of its low cost, deep archiving, removable and readily available characteristics. However, with its very portable nature, companies face inherent risks that require immediate attention. As a decision maker, you now need to make the choice on what solution can ensure data stored to tape cannot be compromised by unauthorized access.

Crossroads TapeSentry appliance eases security challenges inherent in tape, offering router-based, cost-effective, high performance tape encryption with heterogeneous interoperability. TapeSentry works transparently within your current backup environment to secure data stored on tape from unauthorized data access, theft and loss. Secure, comprehensive key management is required for distributed enterprise encryption and TapeSentry supports all phases of the key life cycle ranging from key generation and distribution to key archiving, recovery and deletion. TapeSentry ensures complete data security.



### Who Has Time for 'Rip and Replace'?

*Installs In Heterogeneous Environments Quickly*

TapeSentry installs quickly and integrates easily with backup applications in a heterogeneous tape environment. Implementation doesn't require costly infrastructure upgrades or "add on" costs as with many backup applications. TapeSentry provides easy configuration of any port for host access or device connectivity. Encryption policies are flexible—not drive or device-dependent. Administration and management of TapeSentry is provided via an intuitive, secure Web-based management interface, which provides centralized key management across your enterprise.

### Worried About Network Slowdowns?

*No Impact to Backup Windows, Servers & Storage Devices*

TapeSentry delivers wire-speed performance across multiple drives, adding no system overhead, complexity or latency within your backup window, servers or storage devices. Unsurpassed scalability allows TapeSentry to integrate seamlessly into your current and future backup infrastructure, providing a high-performance, low-latency solution. TapeSentry understands, interprets and navigates the many tape drive standards. TapeSentry's data management at the network layer facilitates a smooth data flow, improving the total performance and throughput of your backup environment. TapeSentry allows you to manage data flow to drives, minimizing media damage and performance issues caused by slow streaming rates.

### Who Should Have Access to Your Data?

*Centralized Key Management Allows You Ultimate Control*

Secure, comprehensive key management is required for distributed enterprise encryption infrastructure, and TapeSentry supports all phases of the key life cycle, ranging from key generation and distribution to key archiving, recovery and deletion. TapeSentry offers complete multi-site key replication and automatic backup/recovery to alleviate fear of data loss. TapeSentry uses policy-based access limitations based on the type of data being encrypted to provide maximum security against data loss, secure sharing of data and quick data access by authorized users for disaster recovery.

### Shouldn't You Seek Out an Industry Leader?

*Router-Based Encryption Equals Flexibility & Interoperability*

TapeSentry is built on Crossroads router technology, ensuring superior performance, unsurpassed flexibility and incomparable interoperability. TapeSentry, being at the network level, provides valuable network services and high-availability through multi-pathing. TapeSentry provides dynamic access control between multiple hosts and multiple targets without reconfiguring the network. Designed to fulfill your enterprise tape encryption requirements easily, TapeSentry integrates into your existing infrastructure without adding complex new tasks for administrators.

## Global Hospitality Leader With More Than 3,000 Hotels Chooses TapeSentry

### THE CHALLENGE

- Data written to tape was unsecured
- A major breach and compliance penalty caused the need for an encryption solution
- Encryption solution must work within existing, costly backup infrastructure

### THE TAPESENTRY SOLUTION

- After a 30-minute installation, data is now encrypted before being backed up
- Keys are now backed up and able to be restored for disaster recovery operations
- Secure audit logs are now provided to meet compliance requirements

### BUSINESS IMPACT

- Encryption implemented without changes to existing infrastructure
- No network slow downs
- Most cost-effective solution as compared to other vendors price/performance