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Improve the Data Security and Performance of Backup Operations with New Quantum RDX cartridge System by [Rob Miller](#)

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Business continuity strategy begins with robust data security. You must have a copy of your organizational data from where you can easily restore the data in event of system failure or virus attack. It would be disastrous if there isn't any backup data, thus making your business inoperable. RDX disk storage system has gained significant momentum, because it offers all of the advantages of tape media technology as well.

Quantum is a world-leading expert in data storage technology. Quantum carefully focuses on the organizations' specific backup needs and accordingly manufactures robust, efficient and economical storage devices. Quantum is pleased to bring its customers the high-performance RDX disk cartridge solution.

Quantum RDX cartridge system is the particularly suited to branch offices, workstation backups, fast paced businesses and small data centers. It combines the random data accessibility and drag/drop functionality of disk technology with the robustness and removability of tape. Quantum has designed its RDX disk cartridges with various capacities, starting from 160 GB and extending up to a tremendous 1 terabyte. You can reliably archive your data with Quantum RDX cartridges for up to 30 years. Furthermore, they have been specified to withstand 5000 load/unload cycles. MR100-A01A is the part number of the latest Quantum 1 TB RDX cartridges, whereas the Quantum MR050-A01A, RDX cartridge can store up to 500GB data.

No other backup technology can match the durability of Quantum RDX disk cartridges, as they can tolerate a three-foot drop. So you can backup and restore the data with absolute integrity even if they are handled carelessly or unintentionally drop onto a hard surface. Good news is that Quantum RDX system can be seamlessly installed into the complex data centers, because there is a wide range of RDX docking stations. The internal RDX docking stations are available in USB and SATA interfaces, whereas the table-top USB unit further elevates the compatibility.

Quantum's tape media cartridges that can be used for network backups and storage-intensives SMBs are CDM40 (DDS4 tape), THXKD02 (DLT-IV tape), MR-L3MQN-01 (LTO3 ultrium tape) and MRS2MQN01 (SDLT2 tape).

Backup storage and retrieval operations are extremely simple. Just insert the RDX cartridge into the high-speed docking station, and leave the rest to the host system. A drive letter will be assigned to the RDX cartridge, and then you can either drag/drop or copy/paste the data files. In a nutshell, the process is similar to backing up and retrieving data from a USB flash drive.

Data transfer speed of the RDX SATA docking station is faster than the USB model. RDX SATA dock achieves a transfer rate of 45MB/sec, and that of USB docking station is 25MB/sec. Now your stored data cannot be used maliciously, as Quantum RDX system features the reliable 256-bit encryption mechanism. So your sensitive business documents remain safe even if that cartridge is lost or misplaced, thus ensuring complete peace of mind. The economical cost per GB, cartridge removability, robust data security and seamless scalability are the major benefits which have made Quantum RDX the best-selling backup solution for growing businesses.

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Frank Miller is the Marketing Manager of Backuptape and markets a [Quantum RDX cartridge](#) and a [MR100-A01A](#). He has vast experience in the marketing and trading industries and has been helping buyers who have the backup needs and guide clients about the technology.

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