RFID TECHNOLOGY

Tri·Optic®

- Tape Cartridge Protection
- Data Security
- Cartridge Management
- Regulatory Compliance

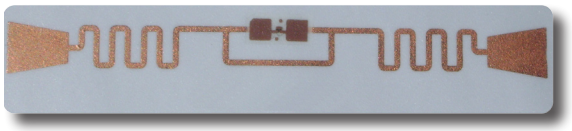
INCREASE VISIBILITY WITH TRI-OPTIC'S LTO RFID-ENABLED LABEL

Tri-Optic's LTO labels with integrated RFID technology enable you to track data with improved accuracy and reliability.

After years of sensitive data being retained for longer, and in the struggle to control sensitive data proliferation, ensuring you know where your backup tapes are at all times, is key to assuring data security. Tri-Optic's LTO RFID – Enabled Label is designed to allow you to take advantage of the advances that RFID technology provides in data assurance.

Tri-Optic's UHF RFID – Enabled label increases visibility and decreases time and labor associated with inventory tracking. UHF RFID tag is tuned to read within the worldwide frequency band and the inlay design, engineered by RCD Technology, provides maximum read range, read accuracy and reliability.

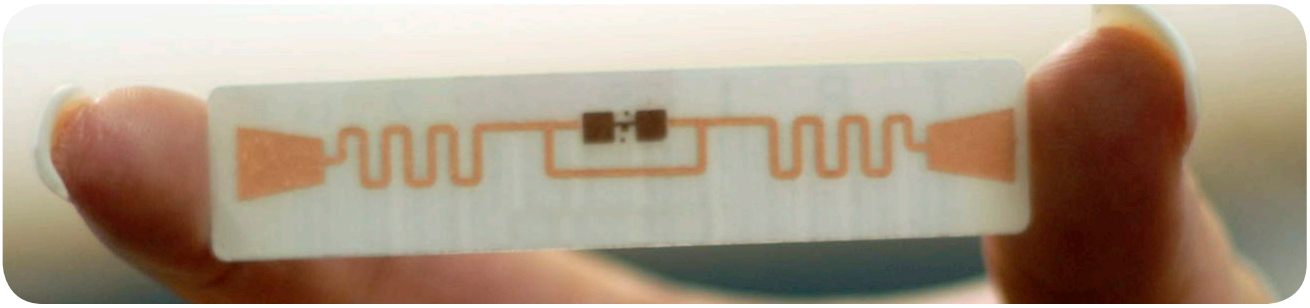
Tri-Optic's dual functionality barcode and RFID label allows you to seamlessly integrate that tag into existing systems.



TRI-OPTIC PARTNERS WITH RCD TECHNOLOGY

Tri-Optic and RCD, industry leaders in solving difficult RFID problems, have developed an LTO RFID enabled label with you in mind.

- Cartridges tagged with RFID enabled labels allow UHF readers to quickly read each cartridge thus allowing you to track every tape more efficiently
- Tri-Optic RFID enabled labels decrease read failure rates, due to reduction in human handling, therefore increasing ROI
- Conventional labels de-tune because tape cartridges contain metal and metallic oxides. Our labels are specifically designed for this "RF – unfriendly" applications, for your use
- Deliver high performance on all generations of LTO tapes, which allows for seamless integration into your business
- As with all Tri-Optic products, the RFID enabled labels do not rub off, have long durability and high performance rates



To place an order for our RFID enabled labels please call 888.438.8362, email us at support@tri-optic.com or visit us at www.tri-optic.com

Features

- UHF RFID tag is tuned to read within the worldwide frequency band
- Specifically designed for application with data cartridges. Tested to ensure traceability of backup/archival tapes
- Secure memory prevents cloning and counterfeiting with locked volser
- Encoded for you with data files indicating what they are
- 100% tested and verified
- RoHS Compliant
- ETSI Compliant
- Designed for use with most brands and models of storage cartridges

Communication Protocol and Memory Specifications

Wireless Communication Protocol:	EPC Generation 2, ISO 18000-6C
Protocol Class:	Class 1
User Memory:	512-bit User
EPC Memory:	240-bit EPC
Protocol Functions:	Inventory, Read, Write, Lock
Antenna Type:	Copper
Dimensions:	74mm x 8mm
Label Dimension:	0.650" x 3.070"

Functional Specifications

Operating Frequency Band:	860 – 960 MHz
Read Range:	(with fixed reader) Individual LTO Gen 4 cartridge - > 2m (6.5') 20 LTF Gen 4 cartridge in cardboard box > .75m (2.5')
Mode of Operation:	Passive, Backscattering Modulation

Environmental Specifications

Operating Temperature Range:	-35° C to +65° C/-31° to +149° F
Storage Temperature:	-20° C at 50% RH