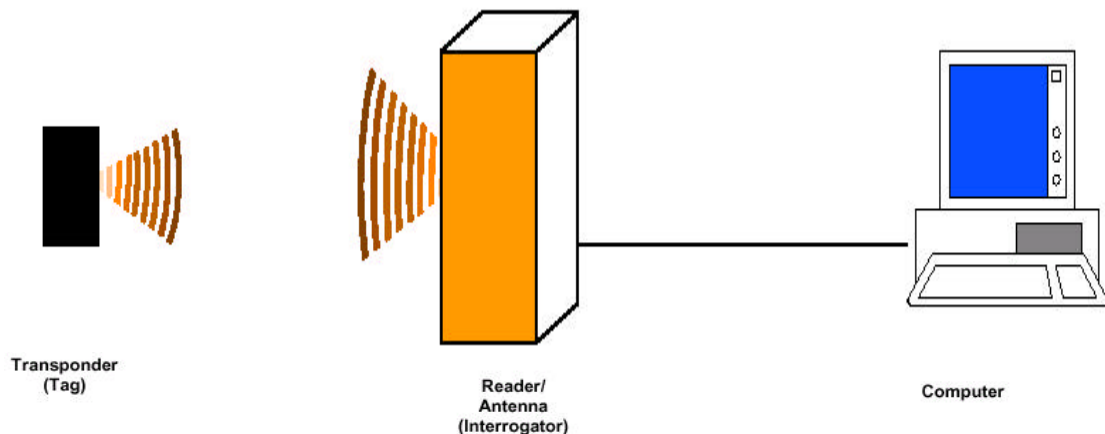




Radio Frequency Identification

Over View of Technology

RFID denotes *Radio-Frequency Identification*. *Radio Frequency Identification Technology* provides a quick, flexible and reliable way to electronically detect, track and control a variety of items.



RFID systems use radio transmissions to send energy to a transponder (or *RFID Tag*) which in turn emits a unique identification code back to a data collection reader (or *Interrogator*) linked to an information management system. RFID systems effectively utilize two separate antennas - one on the transponder, and one on the reader - to accomplish the task of data transfer by radio signals back to the data management system. The data collected from the transponder can be sent either directly to a host computer through standard interfaces, or it can be stored in a portable reader and up-loaded later to a computer for data processing.

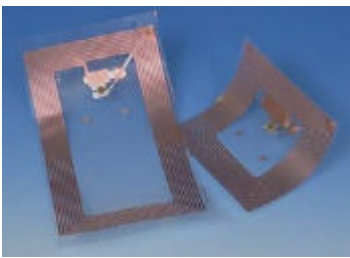
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Radio Frequency Identification

The Smart Label



•Smart Label Inlays

RFid technology connects all phases of the supply chain, from resourcing and manufacturing to inventory and distribution. Whether your business needs to identify and manage raw materials, manufactured goods, or products in transit, RFID creates real time information links that speed production, improve quality and streamline delivery.

Key features:

- ISO/IEC 15693 compliant
- 13.56 MHz Operating Frequency
- Read/Write capability with data locking option
- 2k bit user memory in 64x32-bit blocks
- Simultaneous Identification (Anti-collision)
- Thin, flexible inlays available in three sizes
- Inlays can be used with barcode printers



Infoquest Technologies specializes in custom applications for our clients, integrating RFID solutions with an array of different technologies such as *Temperature Monitoring, Barcode Systems, Access Control, etc...*

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