

# RFID and Medical Devices

Trusted Technology  
Innovative Design  
High Performance



RFID tags are in wide use within hospitals to enable rapid, highly accurate asset management. They are applied to or embedded in hospital assets to allow staff to rapidly locate and accurately inventory high cost assets. Additionally, RFID tagged assets are more difficult to steal or relocate. However, healthcare assets require very specific and challenging requirements in an RFID tag - the tag may have to survive multiple autoclave cycles or exposure to gamma sterilization, or they may need to be of a form factor and of a rugged design suitable for embedding in a medical device.

Embedded RFID tags provide multiple benefits for medical devices

- rapid and easy asset inventory tracking
- configuration and maintenance history tracking - origin, revision level and manufacturing date
- characterization data for interchangeable parts - probes, scopes and robotic end effectors can communicate wirelessly with their host device to provide identity and characterization information
- Use cycle counting for devices with limited lives
- Sterilization history validation and storage

Vizinex also produces autoclave tolerant tags for for traceability through autoclave processes

- Independent tests by third parties have certified Vizinex products for autoclave processes
- Vizinex's products are in use in autoclave applications at the VA, private hospitals, medical appliance manufacturers and at medical instrument suppliers

Vizinex RFID offers custom tag development services - by tailoring a tag to your needs, we help optimize the performance of your RFID system and improve your ROI. Our experience with embedding tags in medical devices and flexible manufacturing platform reduces development times.

Contact us today and realize the benefits of Vizinex RFID!

For more information  
about Vizinex RFID  
and our products,  
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